

# **Ultra-high density intra-specific genetic linkage maps accelerate identification of functionally relevant molecular tags governing important agronomic traits in chickpea**

**Alice Kujur<sup>1a</sup>, Hari D. Upadhyaya<sup>2a</sup>, Tanima Shree<sup>1</sup>, Deepak Bajaj<sup>1</sup>, Shouvik Das<sup>1</sup>, Maneesha S. Saxena<sup>1</sup>, Saurabh Badoni<sup>1</sup>, Vinod Kumar<sup>3</sup>, Shailesh Tripathi<sup>4</sup>, C.L.L. Gowda<sup>2</sup>, Shivali Sharma<sup>2</sup>, Sube Singh<sup>2</sup>, Akhilesh K. Tyagi<sup>1</sup>, Swarup K. Parida<sup>1\*</sup>**

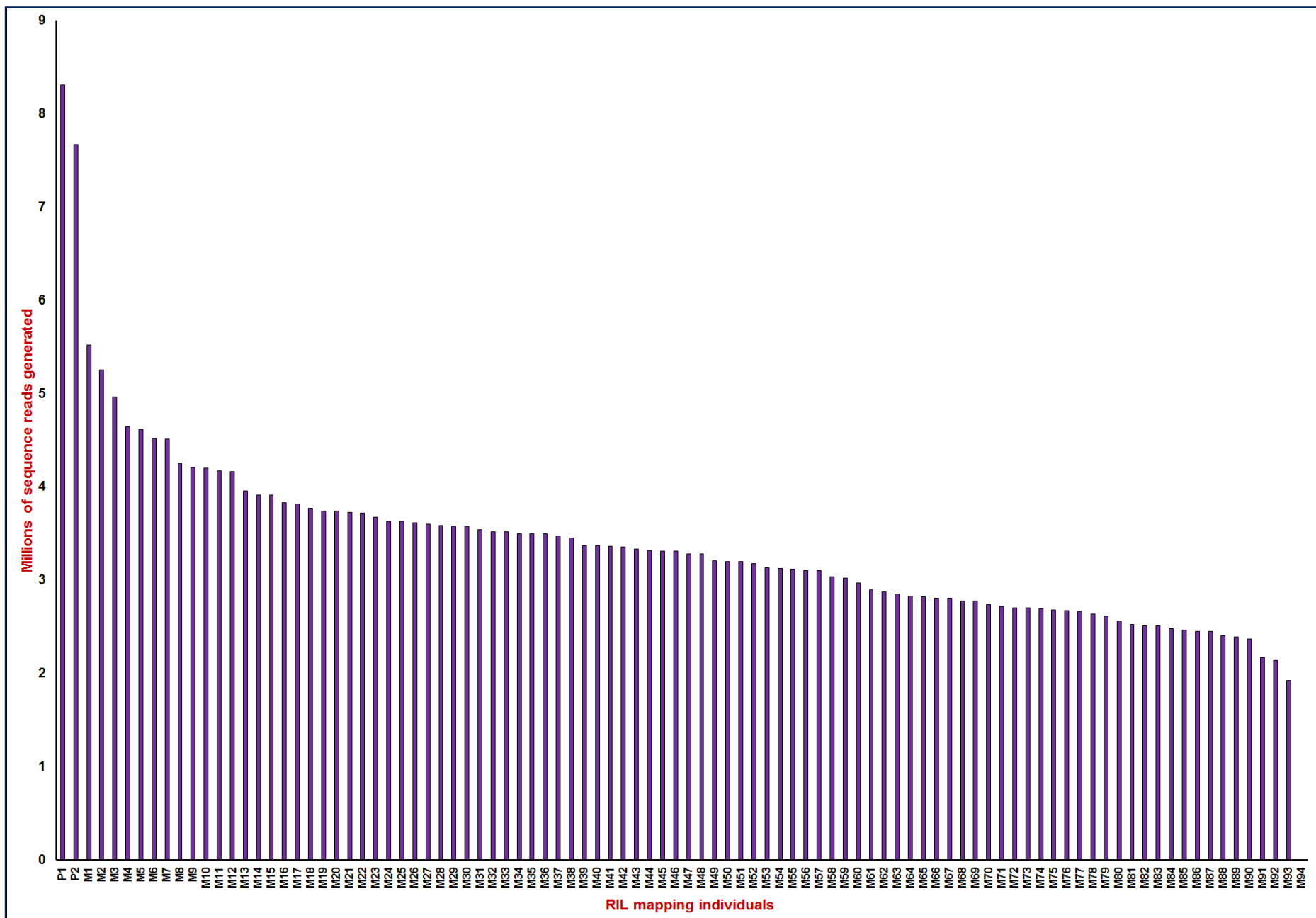
<sup>1</sup>National Institute of Plant Genome Research (NIPGR), Aruna Asaf Ali Marg, New Delhi 110067, India

<sup>2</sup>International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Patancheru 502324, Andhra Pradesh, India

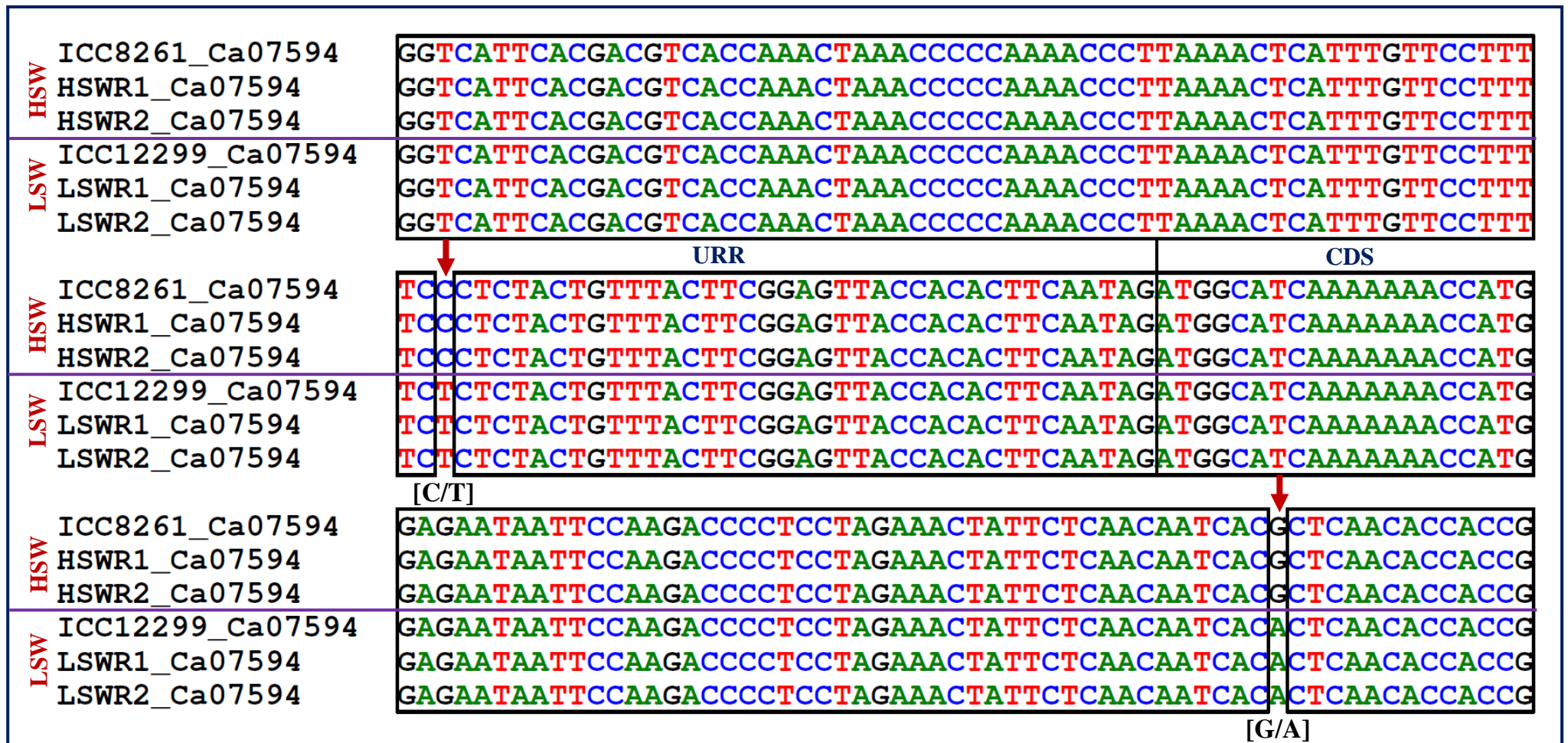
<sup>3</sup>National Research Centre on Plant Biotechnology (NRCPB), New Delhi 110012, India

<sup>4</sup>Division of Genetics, Indian Agricultural Research Institute (IARI), New Delhi 110012, India

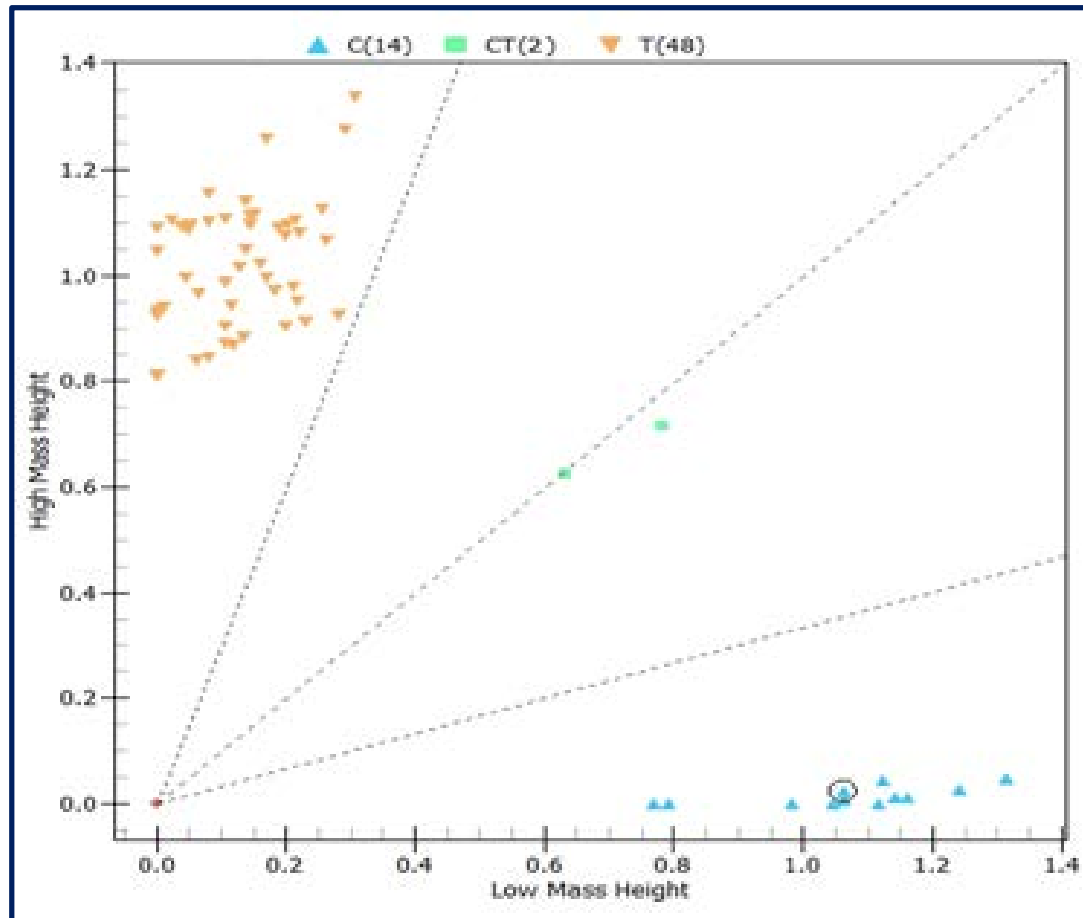
\*Corresponding author



**Figure S1:** Frequency distribution of millions sequence reads generated from a representative set of 96 individuals [including two mapping parental genotypes (P1 and P2) and 93 RIL mapping individuals (M1-M93)] using a 288-plex GBS assay. P1: ICC 12299 and P2: ICC 8261. M94: Negative control (without genomic DNA) blank sample.



**Figure S2A:** A representative figure showing the validation of two GBS-based SNP loci (C/T and G/A) in the upstream regulatory and coding sequences (CDS) of a *kabuli* embryo defective protein coding gene (Ca07594) by the multiple alignment of amplicon resequences generated from high and low seed weight mapping parental genotypes (ICC 8261 and ICC 12299) and selective homozygous RIL mapping individuals. The two validated SNP loci showing differentiation between high and low seed weight parental genotypes and RIL mapping individuals are highlighted. HSWR: High Seed Weight RILs and LSWR: Low Seed Weight RILs.



**Figure S2B:** Call cluster plots for one representative SNP locus (C/T) validating the GBS-based genotyping information generated in mapping parental genotypes (ICC 12299 and ICC 8261) and selected RIL mapping individuals using a MALDI-TOF mass array. Distinct differentiation of homozygous and heterozygous SNPs based on the mass differences of corresponding alleles are evident.

Ca\_Desi\_LG01

Table of SNP data for Ca\_Desi\_LG01, listing SNP IDs and their corresponding values from 0.0 to 85.7.

Ca\_Desi\_LG02

Table of SNP data for Ca\_Desi\_LG02, listing SNP IDs and their corresponding values from 0.0 to 85.7.

Ca\_Desi\_LG03

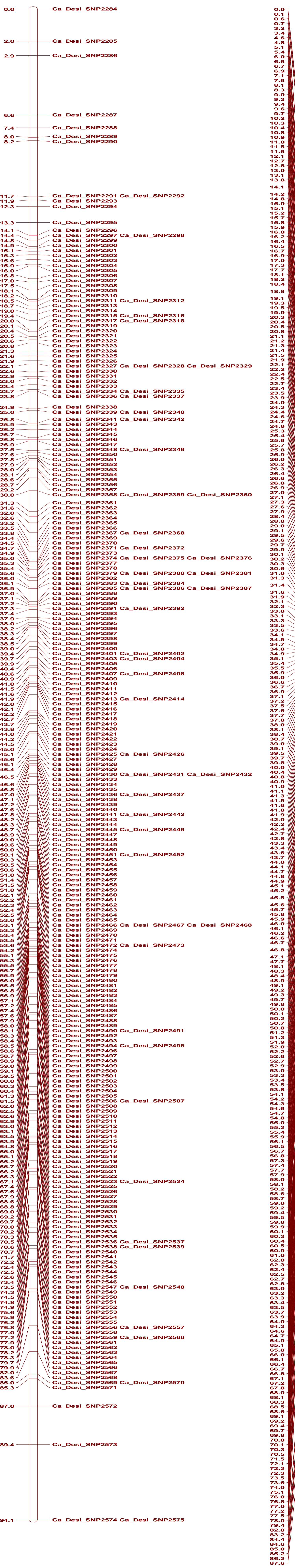
Table of SNP data for Ca\_Desi\_LG03, listing SNP IDs and their corresponding values from 0.0 to 85.7.

Ca\_Desi\_LG04

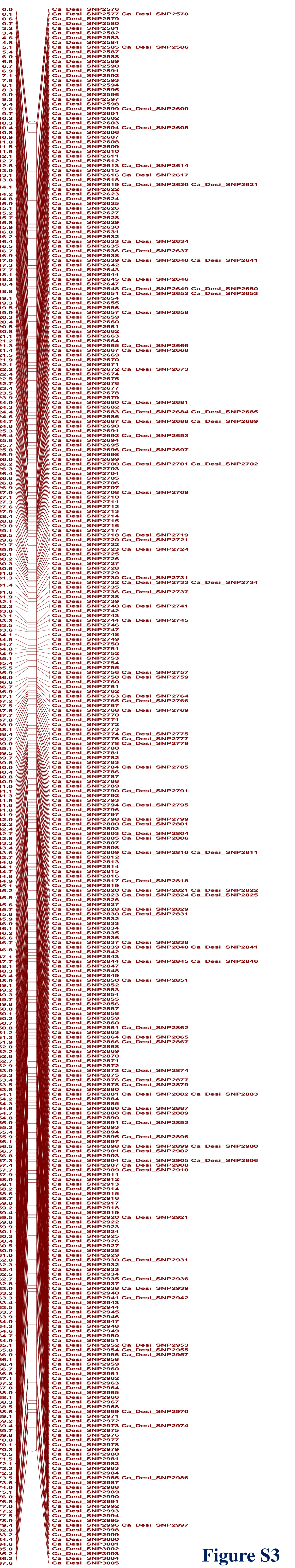
Table of SNP data for Ca\_Desi\_LG04, listing SNP IDs and their corresponding values from 0.0 to 85.7.

Figure S3 (Cont...)

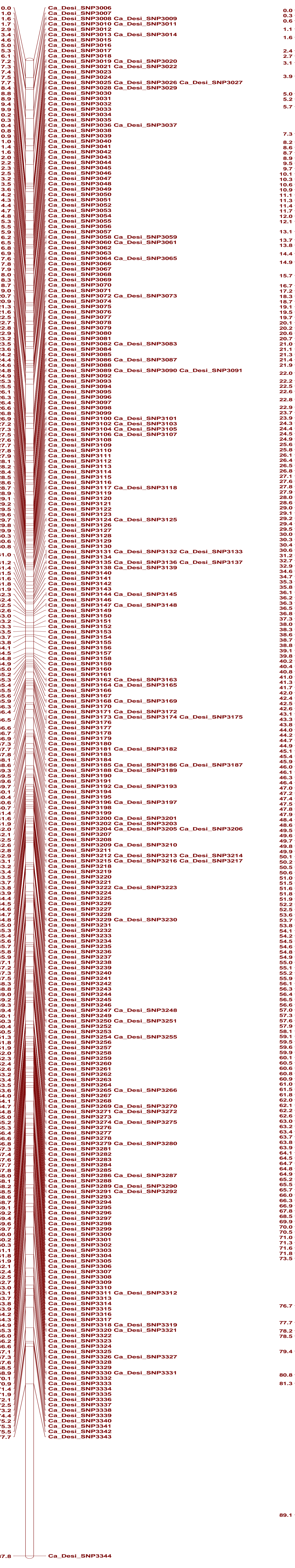
Ca\_Desig\_LG05



Ca\_Desig\_LG06



Ca\_Desig\_LG07



Ca\_Desig\_LG08

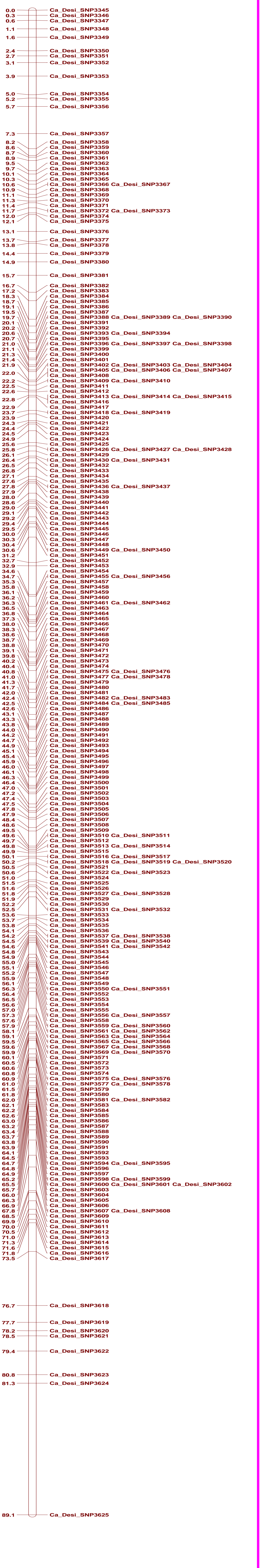


Figure S3

**Figure S3.** A 3625 SNP markers-based ultra-high density intra-specific genetic linkage map (ICC 12299 x ICC 8261) constructed using reference *desi* genome-based GBS assay. The genetic distance (cM) and identity of the SNP loci integrated on the eight LGs are indicated on the left and right side of each LGs, respectively. The identity of SNP loci mentioned on the right side of chromosomes that corresponds to the marker IDs as mentioned details in the Table S3 and S6.

Ca\_Kabuli\_LG01

Ca\_Kabuli\_LG02

Ca\_Kabuli\_LG03

Ca\_Kabuli\_LG04

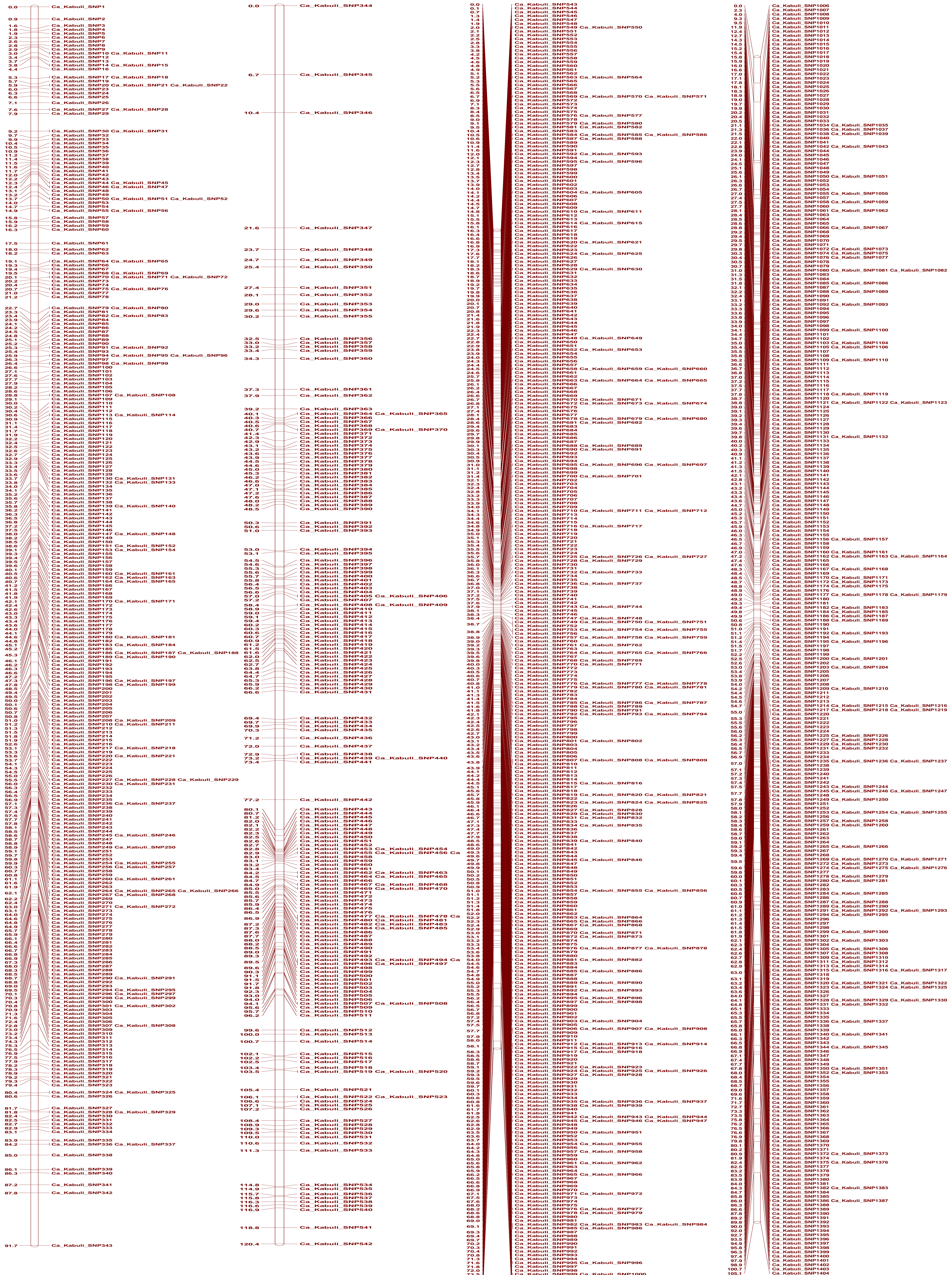
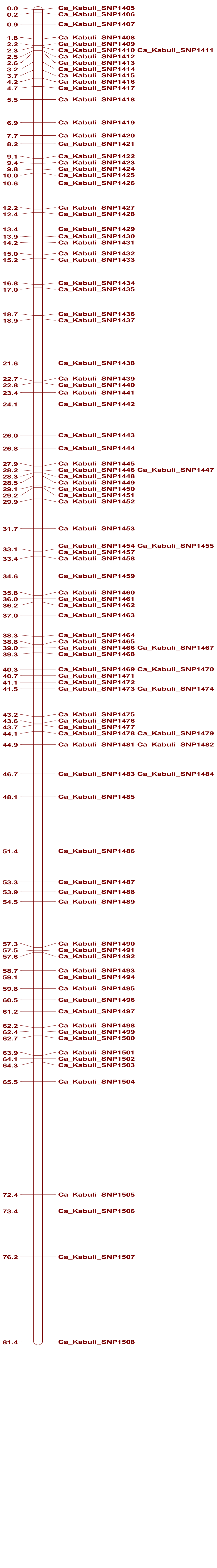


Figure S4 (Cont...)



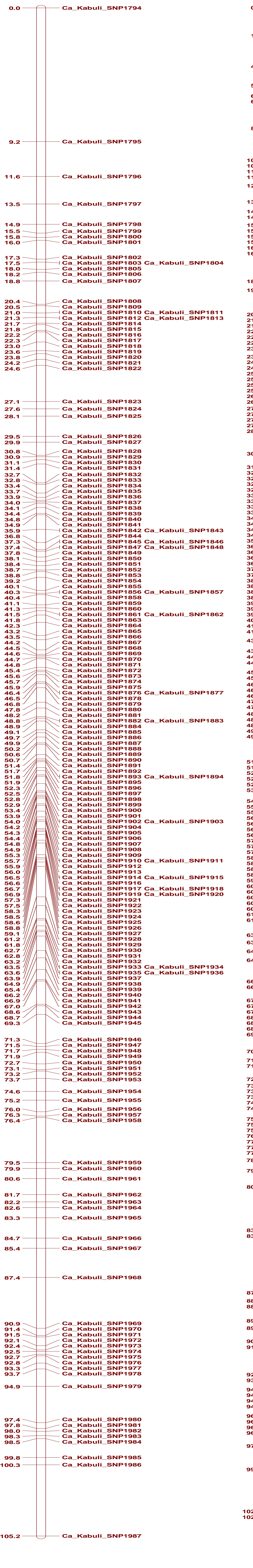
Ca\_Kabuli\_LG05



Ca\_Kabuli\_LG06



Ca\_Kabuli\_LG07



Ca\_Kabuli\_LG08

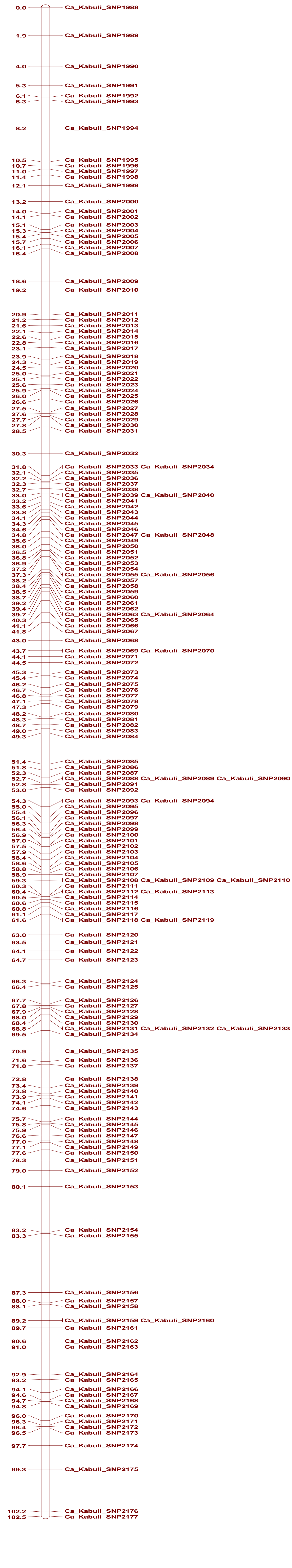
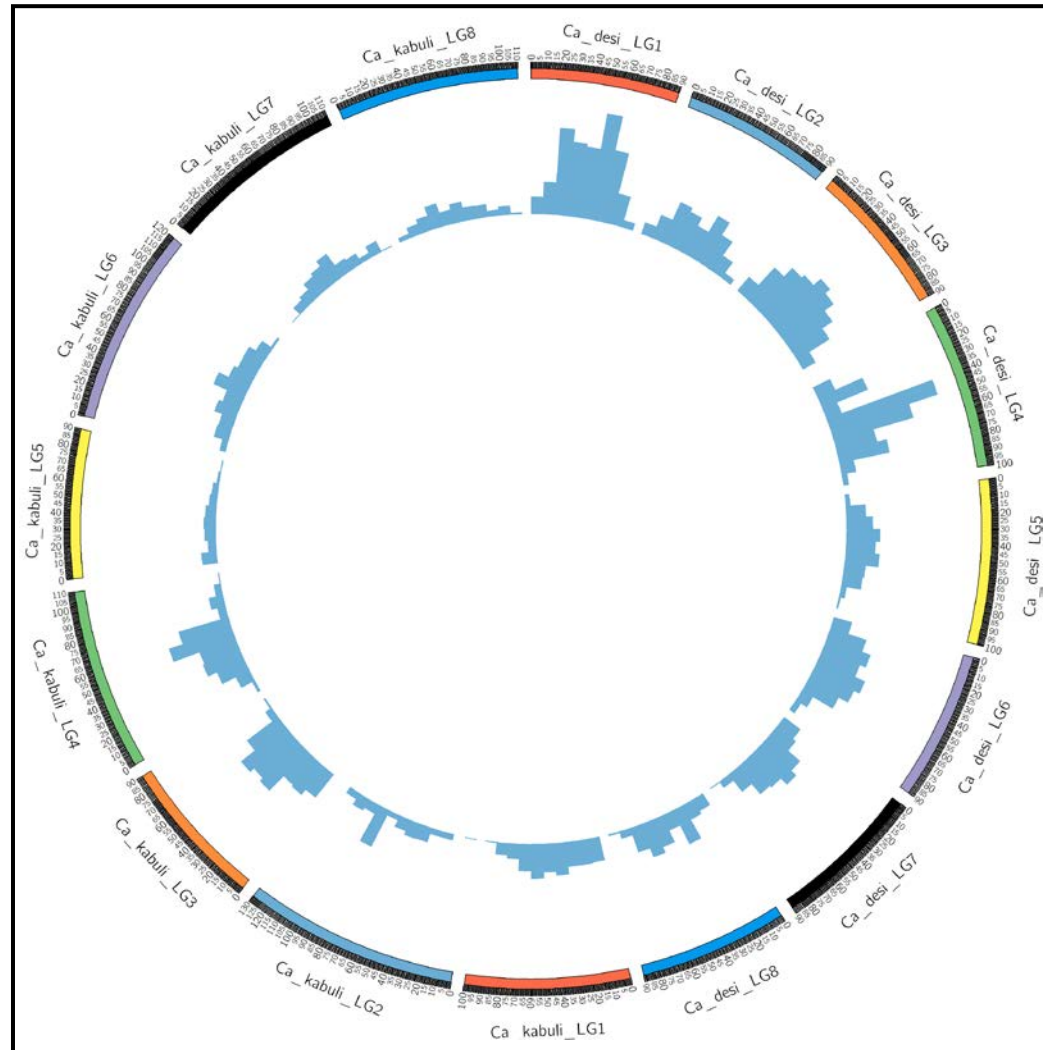
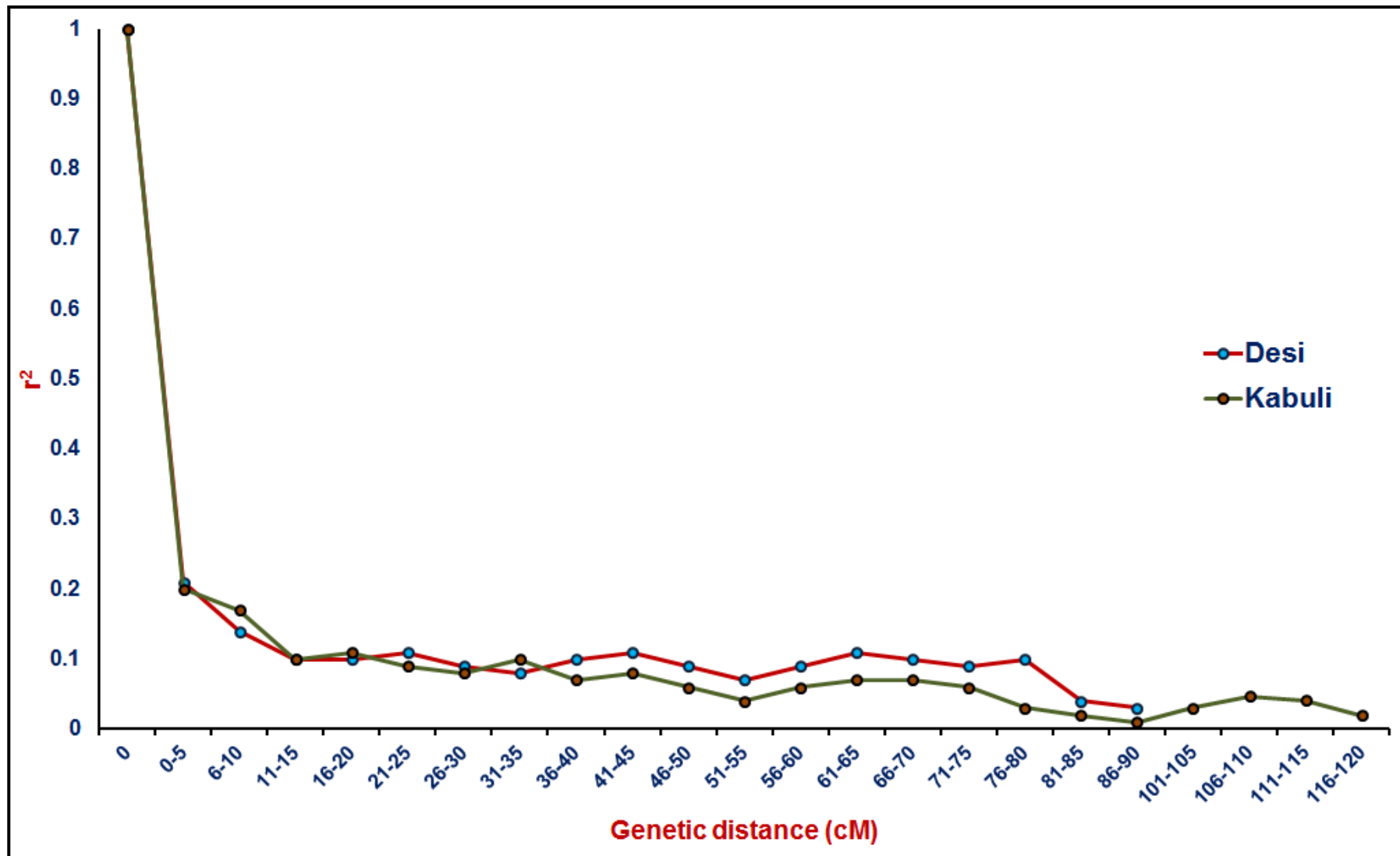


Figure S4

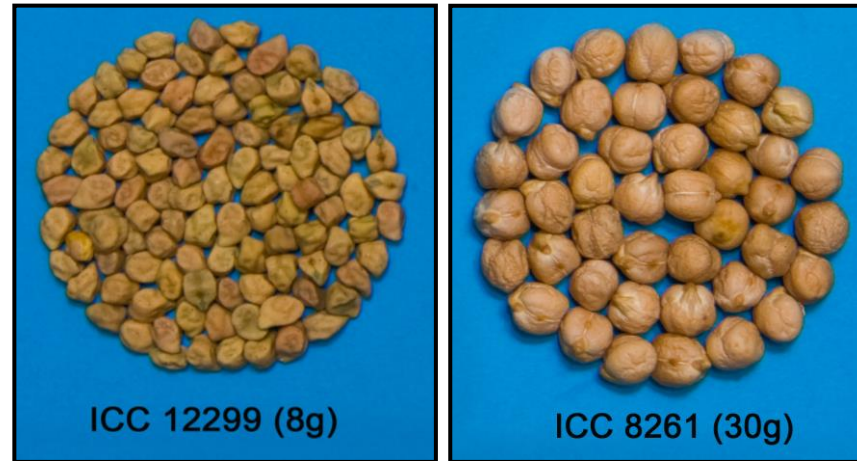
**Figure S4:** A 3625 SNP markers-based ultra-high density intra-specific genetic linkage map (ICC 12299 x ICC 8261) constructed using reference *kabuli* genome-based GBS assay. The genetic distance (cM) and identity of the SNP loci integrated on the eight LGs are indicated on the left and right side of each LGs, respectively. The identity of SNP loci mentioned on the right side of chromosomes that corresponds to the marker IDs as mentioned details in the Table S3 and S6.



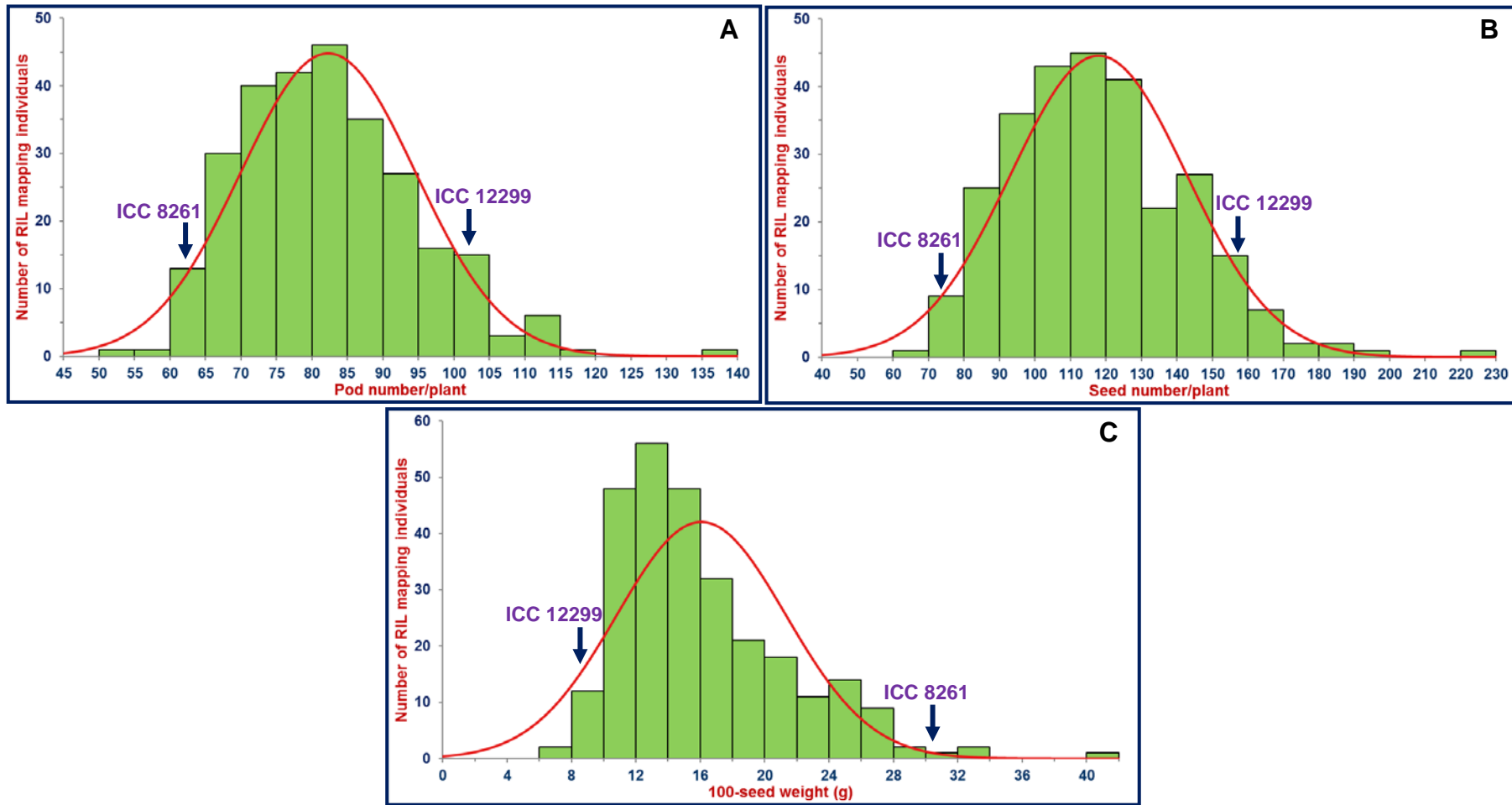
**Figure S5:** Distribution of 3625 and 2177 SNP markers mapped on eight *desi* and *kabuli* LGs of ultra-high density intra-specific genetic linkage maps (ICC 12299 x ICC 8261), respectively are depicted in the Circos circular ideogram. The innermost circles display the distribution of SNPs genetically mapped on eight LGs, while outermost circles represent the eight *desi* and *kabuli* chickpea LGs coded with different colours.



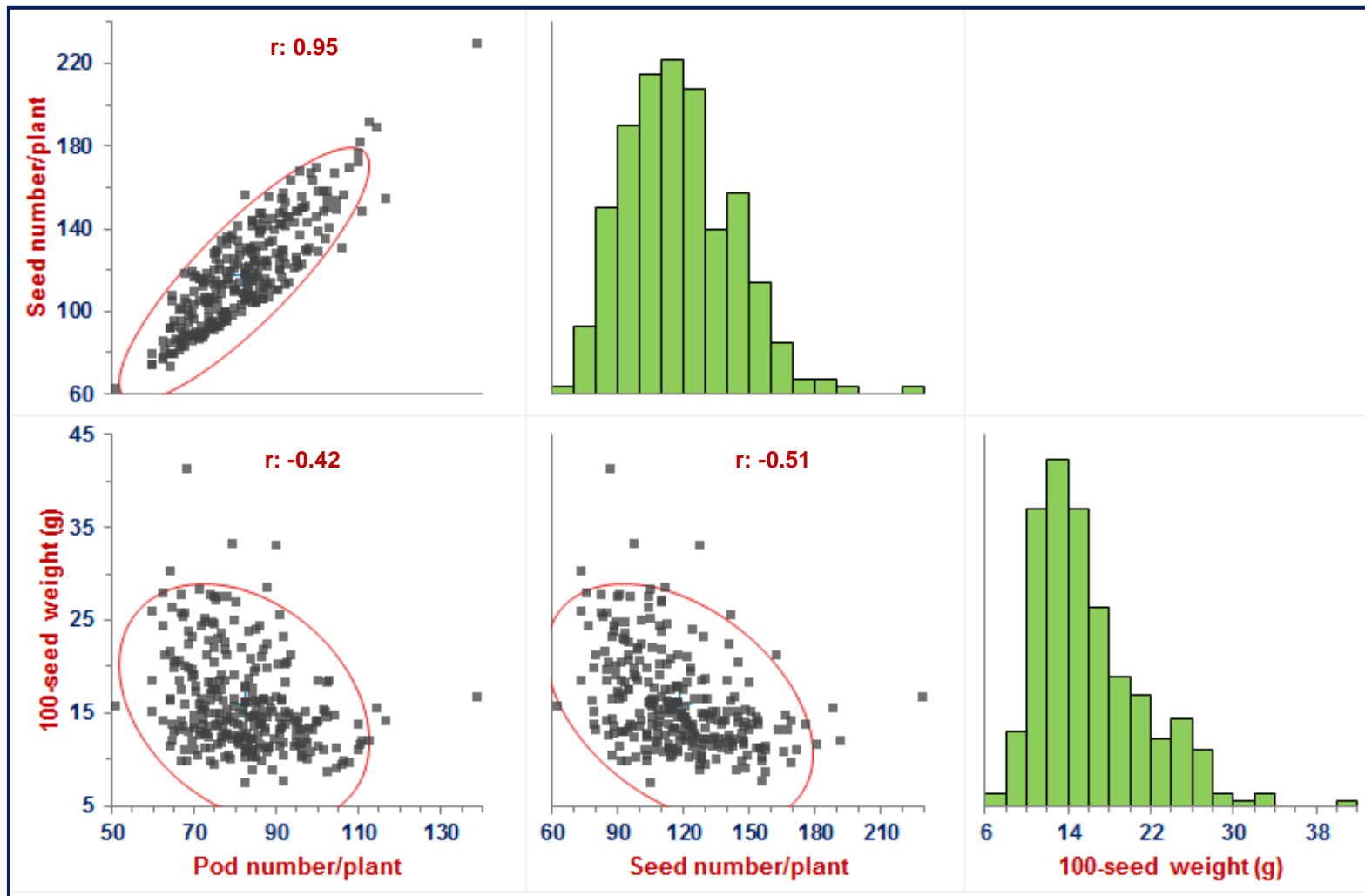
**Figure S6:** Genome-wide LD decay (mean  $r^2$ ) estimated using 3625 and 2689 SNPs that are mapped on eight *desi* and *kabuli* LGs of ultra-high density intra-specific genetic maps, respectively. For LD decay, the  $r^2$  value of the SNP marker genetic distance of 0 cM is considered 1. The plotted curved lines indicate the mean  $r^2$  values among markers spaced with uniform 5 cM physical intervals from 0 to 120 cM.



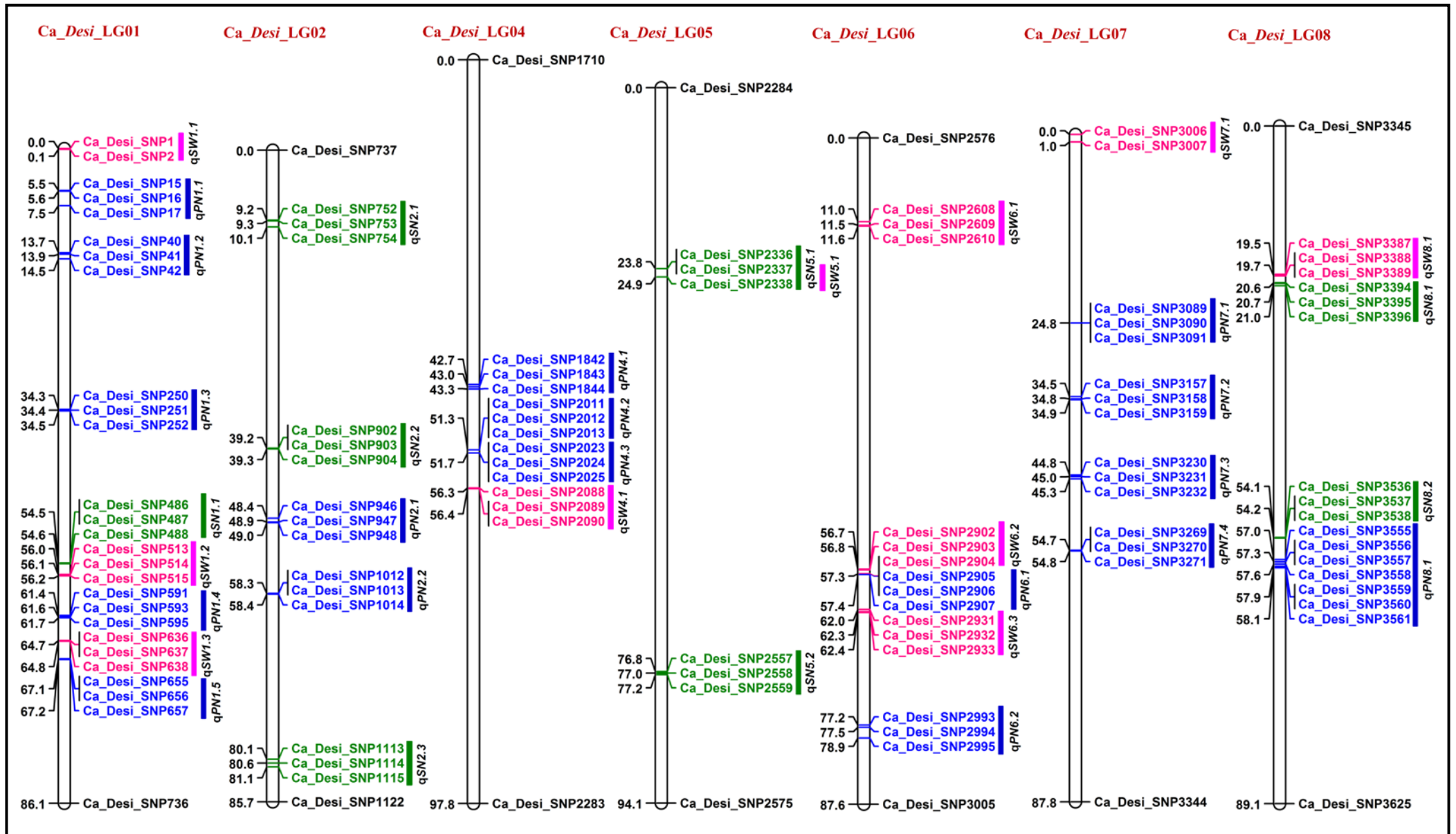
**Figure S7:** A snapshot depicting a wider phenotypic trait variation of 100-seed weight (9-43 g) among two parental genotypes (A) (ICC 12299 x ICC 8261) of an intra-specific RIL mapping population (ICC 12299 x ICC 8261) and five selected RIL mapping individuals (B).



**Figure S8:** Frequency distribution of three quantitative agronomic traits, namely PN (A), SN (B) and SW (C) in 275 mapping individuals and parental genotypes of a  $F_7$  RIL population (ICC 12299 x ICC 8261) depicted bi-directional transgressive segregation including goodness of fit to the normal distribution.



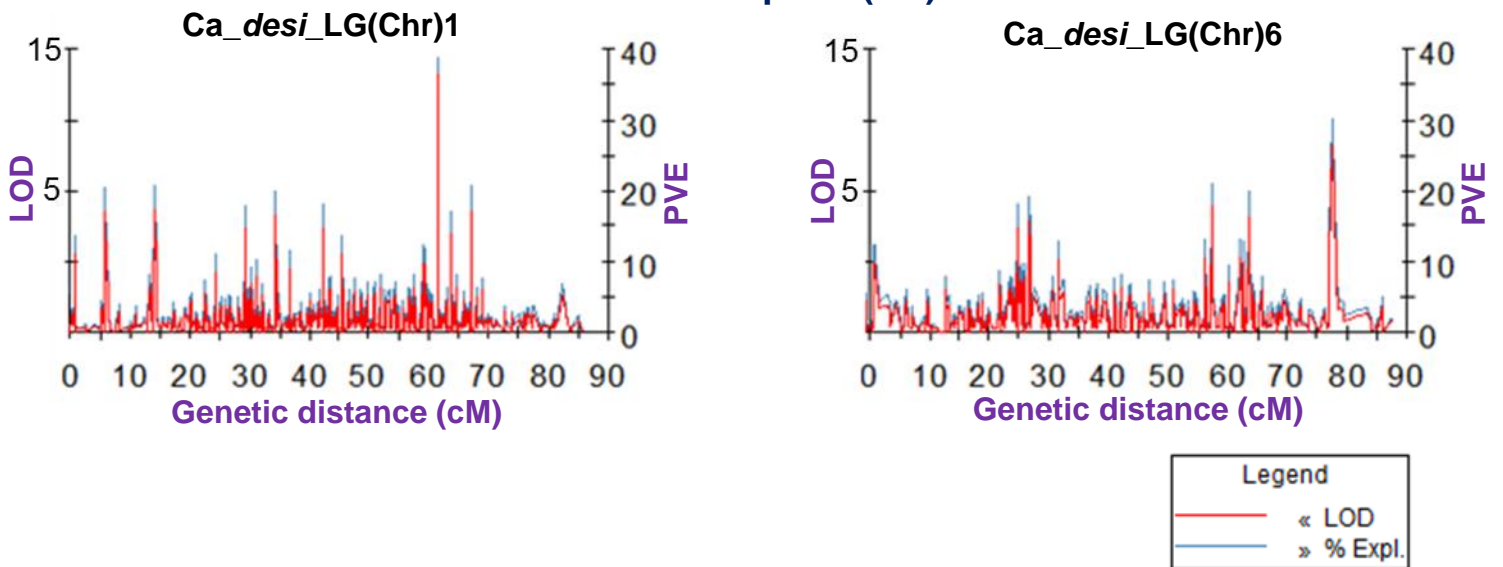
**Figure S9:** Pearson's correlation coefficients ( $r$ ) estimated among three quantitative agronomic traits (PN, SN and SW) in a RIL mapping population (ICC 12299 x ICC 8261).



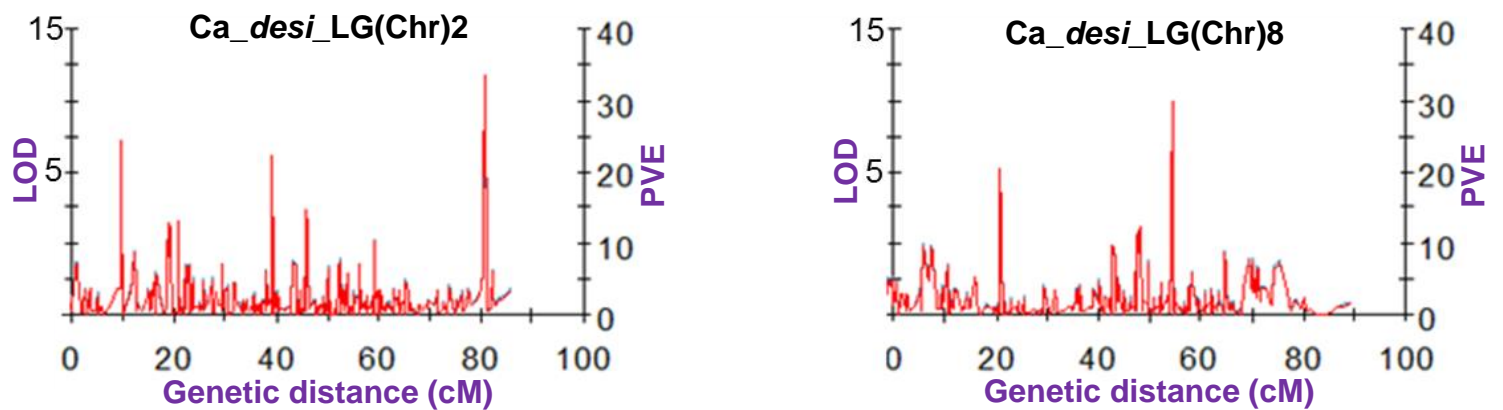
**Figure S10:** Thirty-three major genomic regions harbouring 35 significant robust QTLs (PVE 17.9-39.7%) associated with PN, SN and SW identified and mapped on seven *desi* LGs of an ultra-high density intra-specific genetic map (ICC 12299 x ICC 8261) with a significant LOD >5.0 ( $p < 0.05$ ). The genetic distance (cM) and identity of the SNP loci integrated on the LGs are indicated on the left and right side of the LGs, respectively. Blue, green and pink lines represent the robust QTLs governing PN, SN and SW mapped on seven LGs and validated across geographical locations as well as years/seasons in field.



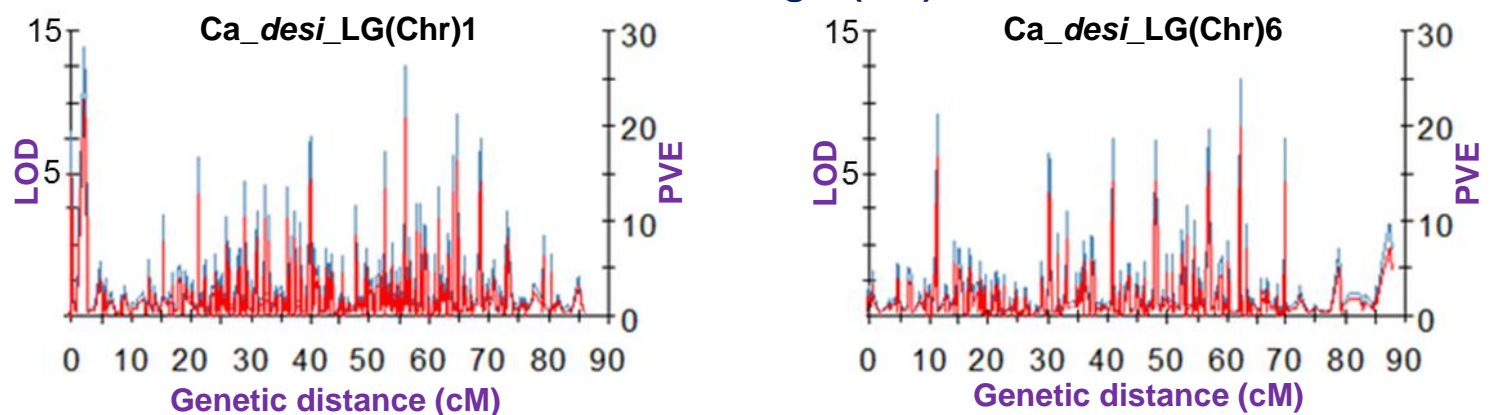
### Pod number/plant (PN)



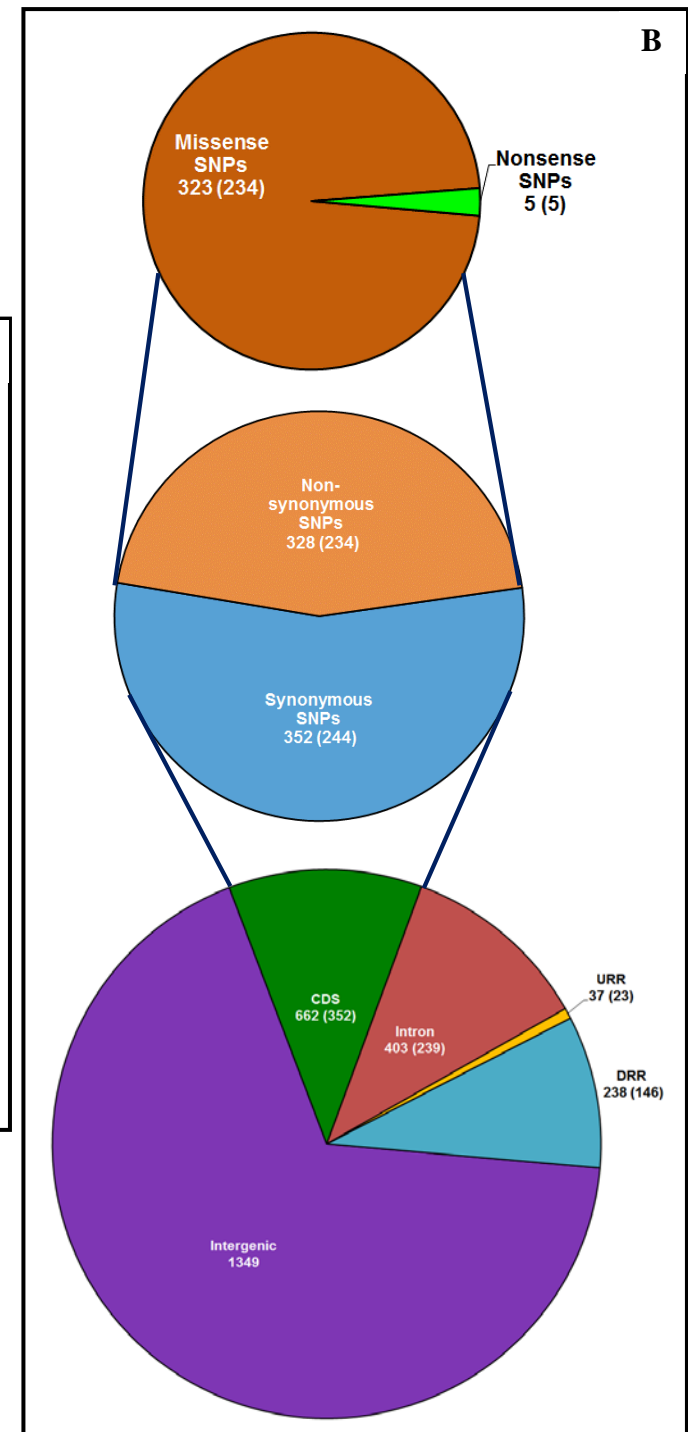
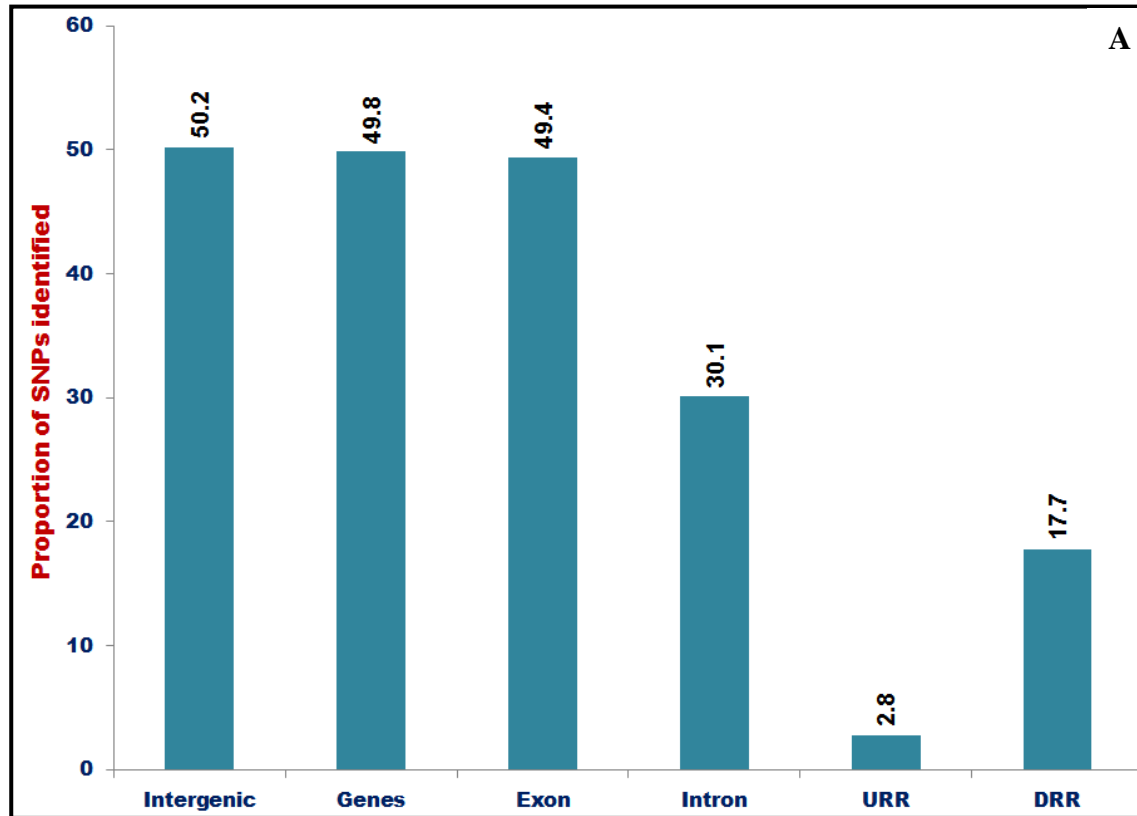
### Seed number/plant (SN)



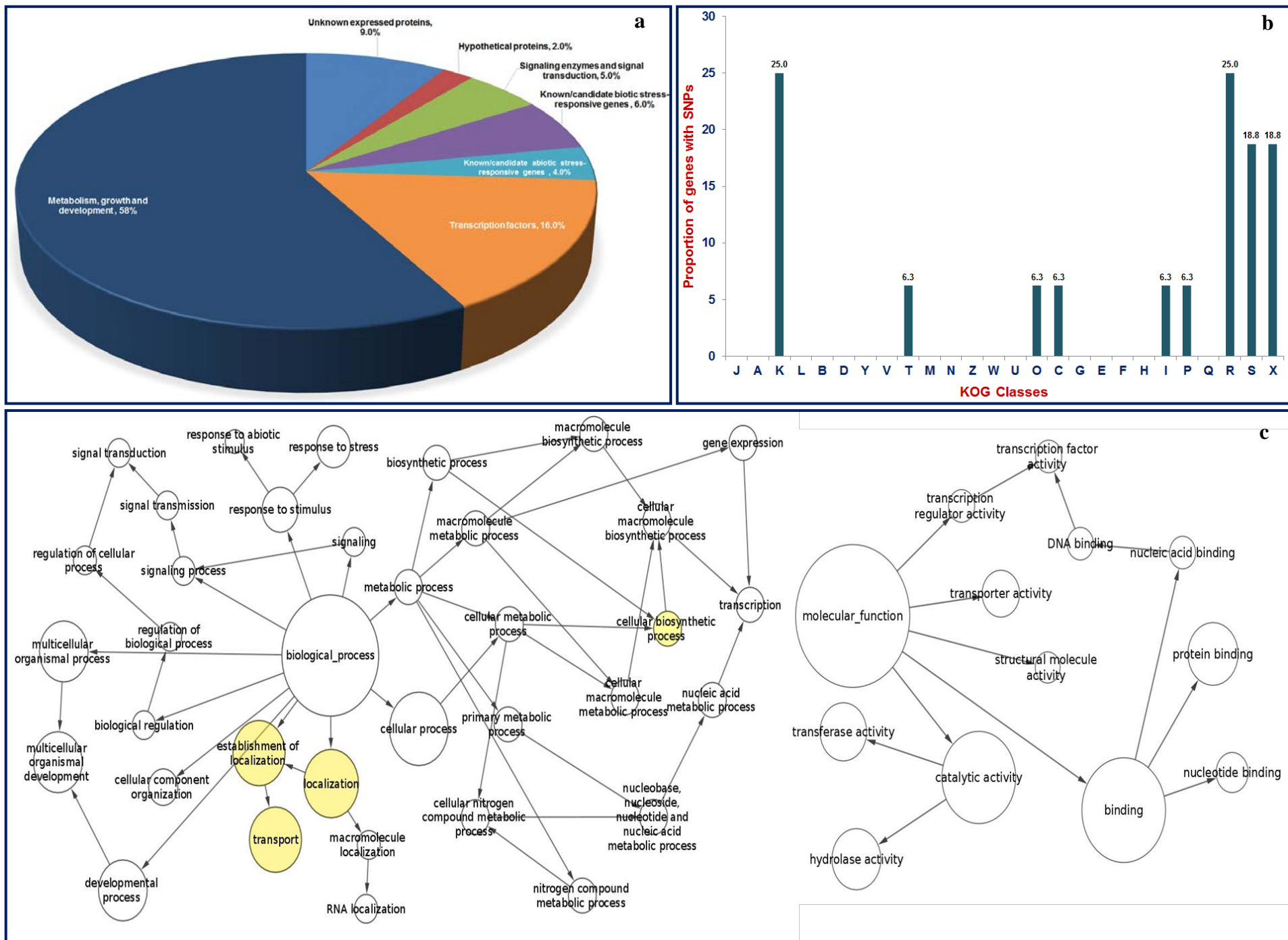
### 100-seed weight (SW)



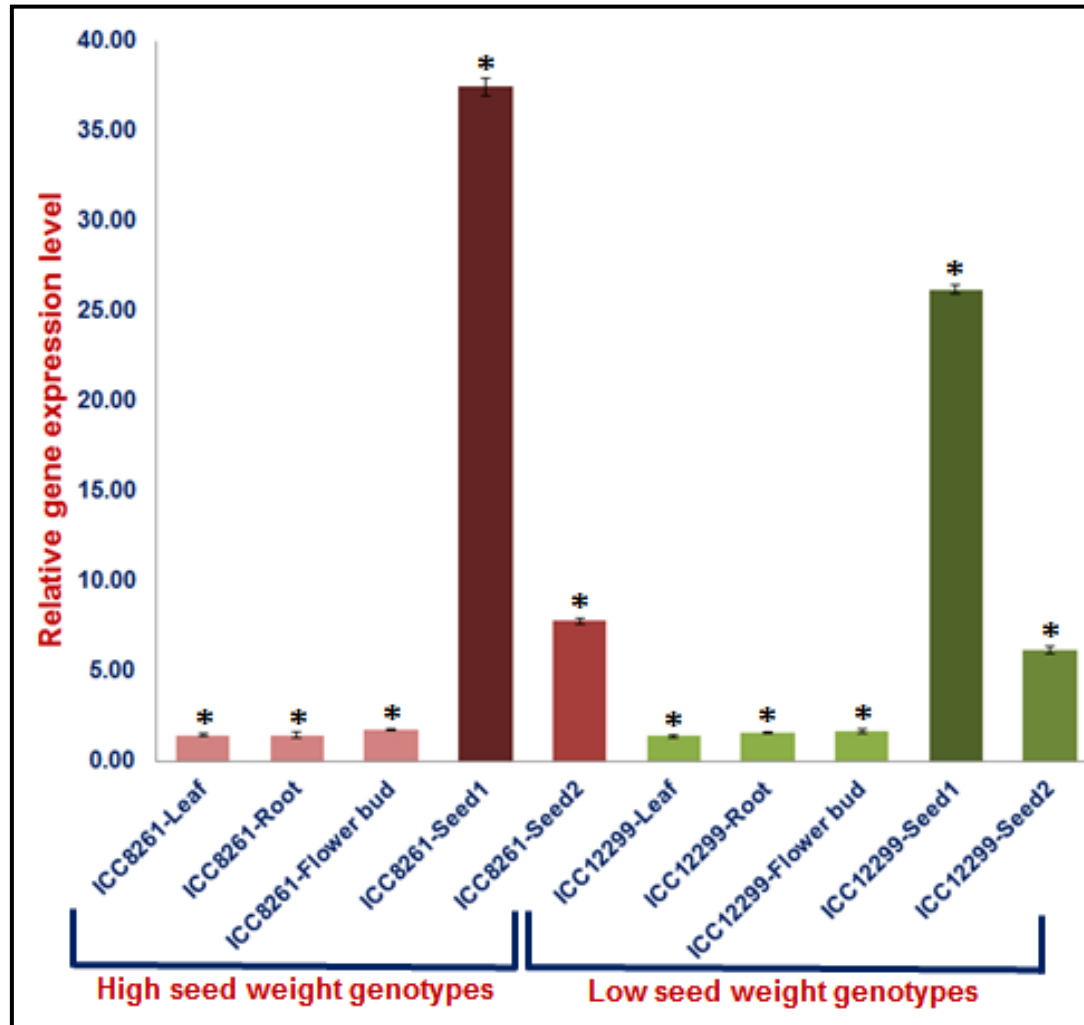
**Figure S11:** A representative figure depicting the PVE and peak LOD scores of SNP markers at major genomic regions harbouring the robust PN, SN and SW QTLs that were identified and mapped on *desi* LGs of an ultra-high density intra-specific genetic linkage map (ICC 12299 x ICC 8261). The x-axis indicates the genetic distance (cM) among SNP loci mapped at significant QTL regions of a linkage map, while y-axis shows the LOD and PVE estimates of SNPs covering the target QTL interval.



**Figure S12:** (A) Proportionate distribution of 2177 SNPs identified in different coding and non-coding sequence components and intergenic regions of 760 genes annotated from *kabuli* chickpea genome. (B) Number of SNPs, including synonymous and non-synonymous (missense and nonsense) SNPs annotated in the coding (CDS) as well as non-coding (intronic and regulatory) sequences of genes and intergenic regions of *kabuli* chickpea genome. The URR (upstream regulatory region) and DRR (downstream regulatory region) of genes were defined as 2000-bp upstream sequences from the translation start codon (ATG) and 1000-bp downstream sequences from the stop codon, respectively.



**Figure S13:** (a) Functional annotation of SNP-containing 635 *desi* chickpea genes. (b) KOG-based putative function determination of *desi* genes identified with SNPs. The diverse KOG classes are defined as K: Transcription, T: Signal transduction mechanisms, O: Post-translational modification, protein turnover and chaperones, C: Energy production and conversion, I: Lipid transport and metabolism, P: Inorganic ion transport and metabolism, R: General function prediction only, S: Function unknown and X: Unnamed proteins. (c) Gene ontology (GO) enrichment analysis of the SNPs-carrying *desi* genes. The number of genes in each category is directly proportional to the node size. The nodes were colour shaded (white and yellow) according to the significance level (P value < 0.05).



**Figure S14:** Differential expression profiling of a strong SW-associated embryo defective gene in three different vegetative (leaf and root) and reproductive (flower bud) tissues, as well as seed developmental stages of high (ICC 8261) and low (ICC 12299) seed weight parental genotypes of a RIL mapping population (ICC 12299 x ICC 8261) using quantitative RT-PCR assay. The *elongation factor-1 alpha* gene was used as the internal control in the RT-PCR. The bars indicate the standard error. \*Significance at  $p \leq 0.001$ .

**Table S1:** Genomic distribution of SNPs physically mapped on eight *desi* and *kabuli* chickpea chromosomes

Chromosomes	Size (Mb) of chromosomes (pseudomolecules)		Number (%) of SNPs mapped		Average map density (kb)	
	<i>Desi</i>	<i>Kabuli</i>	<i>Desi</i>	<i>Kabuli</i>	<i>Desi</i>	<i>Kabuli</i>
Ca_Chr01	14.79	48.36	893 (11.2)	1944 (13.5)	16.6	24.9
Ca_Chr02	17.30	36.63	949 (11.9)	1088 (7.6)	18.2	33.7
Ca_Chr03	23.38	39.99	1548 (19.4)	1787 (12.4)	15.1	22.4
Ca_Chr04	22.09	49.19	1468 (18.4)	2854 (19.9)	15.0	17.2
Ca_Chr05	16.30	48.17	949 (11.9)	1735 (12.1)	17.2	27.8
Ca_Chr06	11.48	59.46	792 (9.9)	2229 (15.5)	14.5	26.7
Ca_Chr07	8.46	48.96	610 (7.7)	1931 (13.4)	13.9	25.4
Ca_Chr08	10.57	16.48	759 (9.5)	795 (5.5)	13.9	20.7
<b>Total</b>	<b>124.37</b>	<b>347.24</b>	<b>7968</b>	<b>14363</b>	<b>15.6</b>	<b>24.2</b>

Ca\_Chr: *Cicer arietinum* Chromosome

**Table S2: 43358 SNPs identified using reference *desi* and *kabuli* genome-based GBS assay showing differentiation between the parental genotypes (ICC 12299 and ICC 8261) of a RIL mapping population (ICC 12299 x ICC 8261)**

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021160.1_548	Ca_kabuli_chr01	548	[G/C]	1067289484
Ca_Kabuli_NC_021160.1_578	Ca_kabuli_chr01	578	[G/A]	1067289485
Ca_Kabuli_NC_021160.1_579	Ca_kabuli_chr01	579	[C/T]	1067289486
Ca_Kabuli_NC_021160.1_586	Ca_kabuli_chr01	586	[G/C]	1067289487
Ca_Kabuli_NC_021160.1_824	Ca_kabuli_chr01	824	[A/G]	1067289488
Ca_Kabuli_NC_021160.1_66934	Ca_kabuli_chr01	66934	[A/G]	1067289489
Ca_Kabuli_NC_021160.1_66944	Ca_kabuli_chr01	66944	[T/C]	1067289490
Ca_Kabuli_NC_021160.1_128752	Ca_kabuli_chr01	128752	[A/G]	1067289491
Ca_Kabuli_NC_021160.1_128768	Ca_kabuli_chr01	128768	[T/C]	1067289492
Ca_Kabuli_NC_021160.1_175476	Ca_kabuli_chr01	175476	[T/G]	1067289493
Ca_Kabuli_NC_021160.1_175489	Ca_kabuli_chr01	175489	[A/T]	1067289494
Ca_Kabuli_NC_021160.1_175529	Ca_kabuli_chr01	175529	[T/C]	1067289495
Ca_Kabuli_NC_021160.1_175544	Ca_kabuli_chr01	175544	[T/A]	1067289496
Ca_Kabuli_NC_021160.1_177441	Ca_kabuli_chr01	177441	[A/G]	1067289497
Ca_Kabuli_NC_021160.1_177449	Ca_kabuli_chr01	177449	[T/A]	1067289498
Ca_Kabuli_NC_021160.1_177513	Ca_kabuli_chr01	177513	[A/C]	1067289499
Ca_Kabuli_NC_021160.1_208931	Ca_kabuli_chr01	208931	[T/G]	1067289500
Ca_Kabuli_NC_021160.1_208998	Ca_kabuli_chr01	208998	[A/C]	1067289501
Ca_Kabuli_NC_021160.1_215042	Ca_kabuli_chr01	215042	[C/T]	1067289502
Ca_Kabuli_NC_021160.1_215048	Ca_kabuli_chr01	215048	[C/T]	1067289503
Ca_Kabuli_NC_021160.1_215053	Ca_kabuli_chr01	215053	[G/T]	1067289504
Ca_Kabuli_NC_021160.1_215058	Ca_kabuli_chr01	215058	[C/T]	1067289505
Ca_Kabuli_NC_021160.1_314255	Ca_kabuli_chr01	314255	[A/C]	1067289506
Ca_Kabuli_NC_021160.1_347520	Ca_kabuli_chr01	347520	[T/C]	1067289507
Ca_Kabuli_NC_021160.1_347541	Ca_kabuli_chr01	347541	[T/G]	1067289508
Ca_Kabuli_NC_021160.1_347544	Ca_kabuli_chr01	347544	[A/G]	1067289509
Ca_Kabuli_NC_021160.1_347572	Ca_kabuli_chr01	347572	[T/C]	1067289510
Ca_Kabuli_NC_021160.1_347579	Ca_kabuli_chr01	347579	[A/C]	1067289511
Ca_Kabuli_NC_021160.1_347581	Ca_kabuli_chr01	347581	[T/G]	1067289512
Ca_Kabuli_NC_021160.1_347600	Ca_kabuli_chr01	347600	[C/A]	1067289513
Ca_Kabuli_NC_021160.1_347620	Ca_kabuli_chr01	347620	[A/C]	1067289514

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021160.1_406585	Ca_kabuli_chr01	406585	[T/A]	1067289515
Ca_Kabuli_NC_021160.1_406609	Ca_kabuli_chr01	406609	[A/C]	1067289516
Ca_Kabuli_NC_021160.1_411808	Ca_kabuli_chr01	411808	[A/C]	1067289517
Ca_Kabuli_NC_021160.1_411816	Ca_kabuli_chr01	411816	[A/C]	1067289518
Ca_Kabuli_NC_021160.1_412550	Ca_kabuli_chr01	412550	[T/C]	1067289519
Ca_Kabuli_NC_021160.1_435273	Ca_kabuli_chr01	435273	[T/G]	1067289520
Ca_Kabuli_NC_021160.1_435274	Ca_kabuli_chr01	435274	[G/T]	1067289521
Ca_Kabuli_NC_021160.1_435275	Ca_kabuli_chr01	435275	[T/G]	1067289522
Ca_Kabuli_NC_021160.1_439736	Ca_kabuli_chr01	439736	[C/A]	1067289523
Ca_Kabuli_NC_021160.1_446443	Ca_kabuli_chr01	446443	[A/C]	1067289524
Ca_Kabuli_NC_021160.1_446450	Ca_kabuli_chr01	446450	[A/C]	1067289525
Ca_Kabuli_NC_021160.1_456630	Ca_kabuli_chr01	456630	[A/G]	1067289526
Ca_Kabuli_NC_021160.1_460015	Ca_kabuli_chr01	460015	[A/G]	1067289527
Ca_Kabuli_NC_021160.1_460017	Ca_kabuli_chr01	460017	[A/G]	1067289528
Ca_Kabuli_NC_021160.1_462814	Ca_kabuli_chr01	462814	[C/A]	1067289529
Ca_Kabuli_NC_021160.1_469512	Ca_kabuli_chr01	469512	[A/G]	1067289530
Ca_Kabuli_NC_021160.1_501991	Ca_kabuli_chr01	501991	[A/C]	1067289531
Ca_Kabuli_NC_021160.1_515995	Ca_kabuli_chr01	515995	[A/C]	1067289532
Ca_Kabuli_NC_021160.1_550453	Ca_kabuli_chr01	550453	[A/C]	1067289533
Ca_Kabuli_NC_021160.1_567381	Ca_kabuli_chr01	567381	[A/G]	1067289534
Ca_Kabuli_NC_021160.1_570997	Ca_kabuli_chr01	570997	[G/A]	1067289535
Ca_Kabuli_NC_021160.1_571002	Ca_kabuli_chr01	571002	[A/G]	1067289536
Ca_Kabuli_NC_021160.1_581039	Ca_kabuli_chr01	581039	[A/C]	1067289537
Ca_Kabuli_NC_021160.1_581154	Ca_kabuli_chr01	581154	[T/G]	1067289538
Ca_Kabuli_NC_021160.1_581199	Ca_kabuli_chr01	581199	[A/G]	1067289539
Ca_Kabuli_NC_021160.1_581365	Ca_kabuli_chr01	581365	[A/G]	1067289540
Ca_Kabuli_NC_021160.1_591765	Ca_kabuli_chr01	591765	[T/A]	1067289541
Ca_Kabuli_NC_021160.1_645358	Ca_kabuli_chr01	645358	[T/C]	1067289542
Ca_Kabuli_NC_021160.1_662573	Ca_kabuli_chr01	662573	[A/G]	1067289543
Ca_Kabuli_NC_021160.1_662611	Ca_kabuli_chr01	662611	[T/G]	1067289544
Ca_Kabuli_NC_021160.1_671345	Ca_kabuli_chr01	671345	[T/G]	1067289545
Ca_Kabuli_NC_021160.1_685641	Ca_kabuli_chr01	685641	[A/G]	1067289546
Ca_Kabuli_NC_021160.1_685650	Ca_kabuli_chr01	685650	[A/G]	1067289547
Ca_Kabuli_NC_021160.1_685679	Ca_kabuli_chr01	685679	[A/G]	1067289548

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021160.1_685686	Ca_kabuli_chr01	685686	[T/C]	1067289549
Ca_Kabuli_NC_021160.1_696914	Ca_kabuli_chr01	696914	[T/G]	1067289550
Ca_Kabuli_NC_021160.1_704102	Ca_kabuli_chr01	704102	[T/C]	1067289551
Ca_Kabuli_NC_021160.1_706166	Ca_kabuli_chr01	706166	[T/C]	1067289552
Ca_Kabuli_NC_021160.1_706190	Ca_kabuli_chr01	706190	[T/A]	1067289553
Ca_Kabuli_NC_021160.1_720109	Ca_kabuli_chr01	720109	[G/T]	1067289554
Ca_Kabuli_NC_021160.1_741535	Ca_kabuli_chr01	741535	[C/T]	1067289555
Ca_Kabuli_NC_021160.1_742033	Ca_kabuli_chr01	742033	[T/G]	1067289556
Ca_Kabuli_NC_021160.1_746096	Ca_kabuli_chr01	746096	[T/C]	1067289557
Ca_Kabuli_NC_021160.1_750693	Ca_kabuli_chr01	750693	[C/T]	1067289558
Ca_Kabuli_NC_021160.1_777240	Ca_kabuli_chr01	777240	[G/A]	1067289559
Ca_Kabuli_NC_021160.1_777273	Ca_kabuli_chr01	777273	[C/T]	1067289560
Ca_Kabuli_NC_021160.1_777556	Ca_kabuli_chr01	777556	[C/G]	1067289561
Ca_Kabuli_NC_021160.1_777557	Ca_kabuli_chr01	777557	[T/G]	1067289562
Ca_Kabuli_NC_021160.1_790696	Ca_kabuli_chr01	790696	[G/T]	1067289563
Ca_Kabuli_NC_021160.1_866835	Ca_kabuli_chr01	866835	[T/G]	1067289564
Ca_Kabuli_NC_021160.1_866889	Ca_kabuli_chr01	866889	[A/C]	1067289565
Ca_Kabuli_NC_021160.1_872327	Ca_kabuli_chr01	872327	[T/G]	1067289566
Ca_Kabuli_NC_021160.1_872372	Ca_kabuli_chr01	872372	[A/T]	1067289567
Ca_Kabuli_NC_021160.1_872379	Ca_kabuli_chr01	872379	[A/G]	1067289568
Ca_Kabuli_NC_021160.1_881379	Ca_kabuli_chr01	881379	[T/C]	1067289569
Ca_Kabuli_NC_021160.1_881484	Ca_kabuli_chr01	881484	[T/G]	1067289570
Ca_Kabuli_NC_021160.1_881491	Ca_kabuli_chr01	881491	[T/G]	1067289571
Ca_Kabuli_NC_021160.1_881514	Ca_kabuli_chr01	881514	[T/G]	1067289572
Ca_Kabuli_NC_021160.1_881567	Ca_kabuli_chr01	881567	[T/A]	1067289573
Ca_Kabuli_NC_021160.1_881603	Ca_kabuli_chr01	881603	[C/A]	1067289574
Ca_Kabuli_NC_021160.1_881741	Ca_kabuli_chr01	881741	[A/G]	1067289575
Ca_Kabuli_NC_021160.1_910457	Ca_kabuli_chr01	910457	[T/A]	1067289576
Ca_Kabuli_NC_021160.1_910624	Ca_kabuli_chr01	910624	[A/C]	1067289577
Ca_Kabuli_NC_021160.1_929474	Ca_kabuli_chr01	929474	[A/G]	1067289578
Ca_Kabuli_NC_021160.1_929497	Ca_kabuli_chr01	929497	[A/C]	1067289579
Ca_Kabuli_NC_021160.1_929504	Ca_kabuli_chr01	929504	[T/C]	1067289580
Ca_Kabuli_NC_021160.1_929517	Ca_kabuli_chr01	929517	[T/G]	1067289581
Ca_Kabuli_NC_021160.1_929533	Ca_kabuli_chr01	929533	[T/C]	1067289582



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_996350	Ca_kabuli_chr01	996350	[G/T]	1067289585
Ca_Kabuli_NC_021160.1_996382	Ca_kabuli_chr01	996382	[A/T]	1067289586
Ca_Kabuli_NC_021160.1_1007741	Ca_kabuli_chr01	1007741	[A/C]	1067289587
Ca_Kabuli_NC_021160.1_1018924	Ca_kabuli_chr01	1018924	[T/C]	1067289588
Ca_Kabuli_NC_021160.1_1018934	Ca_kabuli_chr01	1018934	[A/G]	1067289589
Ca_Kabuli_NC_021160.1_1018971	Ca_kabuli_chr01	1018971	[T/A]	1067289590
Ca_Kabuli_NC_021160.1_1023523	Ca_kabuli_chr01	1023523	[T/C]	1067289591
Ca_Kabuli_NC_021160.1_1023539	Ca_kabuli_chr01	1023539	[A/C]	1067289592
Ca_Kabuli_NC_021160.1_1026178	Ca_kabuli_chr01	1026178	[A/G]	1067289593
Ca_Kabuli_NC_021160.1_1085254	Ca_kabuli_chr01	1085254	[A/C]	1067289594
Ca_Kabuli_NC_021160.1_1085263	Ca_kabuli_chr01	1085263	[A/C]	1067289595
Ca_Kabuli_NC_021160.1_1085323	Ca_kabuli_chr01	1085323	[A/T]	1067289596
Ca_Kabuli_NC_021160.1_1092487	Ca_kabuli_chr01	1092487	[A/T]	1067289597
Ca_Kabuli_NC_021160.1_1092494	Ca_kabuli_chr01	1092494	[T/C]	1067289598
Ca_Kabuli_NC_021160.1_1092495	Ca_kabuli_chr01	1092495	[C/T]	1067289599
Ca_Kabuli_NC_021160.1_1092566	Ca_kabuli_chr01	1092566	[A/C]	1067289600
Ca_Kabuli_NC_021160.1_1110408	Ca_kabuli_chr01	1110408	[T/C]	1067289601
Ca_Kabuli_NC_021160.1_1110435	Ca_kabuli_chr01	1110435	[T/G]	1067289602
Ca_Kabuli_NC_021160.1_1110440	Ca_kabuli_chr01	1110440	[A/G]	1067289603
Ca_Kabuli_NC_021160.1_1115360	Ca_kabuli_chr01	1115360	[A/C]	1067289604
Ca_Kabuli_NC_021160.1_1115425	Ca_kabuli_chr01	1115425	[A/G]	1067289605
Ca_Kabuli_NC_021160.1_1116012	Ca_kabuli_chr01	1116012	[A/C]	1067289606
Ca_Kabuli_NC_021160.1_1116018	Ca_kabuli_chr01	1116018	[T/C]	1067289607
Ca_Kabuli_NC_021160.1_1116051	Ca_kabuli_chr01	1116051	[A/G]	1067289608
Ca_Kabuli_NC_021160.1_1117444	Ca_kabuli_chr01	1117444	[G/T]	1067289609
Ca_Kabuli_NC_021160.1_1117450	Ca_kabuli_chr01	1117450	[G/T]	1067289610
Ca_Kabuli_NC_021160.1_1117455	Ca_kabuli_chr01	1117455	[G/A]	1067289611
Ca_Kabuli_NC_021160.1_1117458	Ca_kabuli_chr01	1117458	[A/G]	1067289612
Ca_Kabuli_NC_021160.1_1117461	Ca_kabuli_chr01	1117461	[C/G]	1067289613
Ca_Kabuli_NC_021160.1_1117632	Ca_kabuli_chr01	1117632	[T/G]	1067289614
Ca_Kabuli_NC_021160.1_1140008	Ca_kabuli_chr01	1140008	[T/C]	1067289615
Ca_Kabuli_NC_021160.1_1140062	Ca_kabuli_chr01	1140062	[A/G]	1067289616

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_1140313	Ca_kabuli_chr01	1140313	[A/C]	1067289618
Ca_Kabuli_NC_021160.1_1140950	Ca_kabuli_chr01	1140950	[A/C]	1067289619
Ca_Kabuli_NC_021160.1_1150972	Ca_kabuli_chr01	1150972	[A/C]	1067289620
Ca_Kabuli_NC_021160.1_1150996	Ca_kabuli_chr01	1150996	[A/C]	1067289621
Ca_Kabuli_NC_021160.1_1159421	Ca_kabuli_chr01	1159421	[A/C]	1067289622
Ca_Kabuli_NC_021160.1_1159493	Ca_kabuli_chr01	1159493	[T/C]	1067289623
Ca_Kabuli_NC_021160.1_1159524	Ca_kabuli_chr01	1159524	[A/G]	1067289624
Ca_Kabuli_NC_021160.1_1159534	Ca_kabuli_chr01	1159534	[A/G]	1067289625
Ca_Kabuli_NC_021160.1_1292470	Ca_kabuli_chr01	1292470	[C/A]	1067289626
Ca_Kabuli_NC_021160.1_1292471	Ca_kabuli_chr01	1292471	[A/T]	1067289627
Ca_Kabuli_NC_021160.1_1292472	Ca_kabuli_chr01	1292472	[A/C]	1067289628
Ca_Kabuli_NC_021160.1_1292473	Ca_kabuli_chr01	1292473	[G/T]	1067289629
Ca_Kabuli_NC_021160.1_1295534	Ca_kabuli_chr01	1295534	[T/C]	1067289630
Ca_Kabuli_NC_021160.1_1295549	Ca_kabuli_chr01	1295549	[T/G]	1067289631
Ca_Kabuli_NC_021160.1_1335478	Ca_kabuli_chr01	1335478	[T/A]	1067289632
Ca_Kabuli_NC_021160.1_1335528	Ca_kabuli_chr01	1335528	[T/C]	1067289633
Ca_Kabuli_NC_021160.1_1344050	Ca_kabuli_chr01	1344050	[A/T]	1067289634
Ca_Kabuli_NC_021160.1_1344076	Ca_kabuli_chr01	1344076	[T/C]	1067289635
Ca_Kabuli_NC_021160.1_1344082	Ca_kabuli_chr01	1344082	[T/C]	1067289636
Ca_Kabuli_NC_021160.1_1344095	Ca_kabuli_chr01	1344095	[A/T]	1067289637
Ca_Kabuli_NC_021160.1_1430182	Ca_kabuli_chr01	1430182	[A/G]	1067289638
Ca_Kabuli_NC_021160.1_1434713	Ca_kabuli_chr01	1434713	[T/G]	1067289639
Ca_Kabuli_NC_021160.1_1434724	Ca_kabuli_chr01	1434724	[T/C]	1067289640
Ca_Kabuli_NC_021160.1_1449812	Ca_kabuli_chr01	1449812	[T/A]	1067289641
Ca_Kabuli_NC_021160.1_1449954	Ca_kabuli_chr01	1449954	[T/G]	1067289642
Ca_Kabuli_NC_021160.1_1449972	Ca_kabuli_chr01	1449972	[A/C]	1067289643
Ca_Kabuli_NC_021160.1_1449987	Ca_kabuli_chr01	1449987	[T/C]	1067289644
Ca_Kabuli_NC_021160.1_1461574	Ca_kabuli_chr01	1461574	[T/G]	1067289645
Ca_Kabuli_NC_021160.1_1527423	Ca_kabuli_chr01	1527423	[T/C]	1067289646
Ca_Kabuli_NC_021160.1_1527513	Ca_kabuli_chr01	1527513	[A/G]	1067289647
Ca_Kabuli_NC_021160.1_1528325	Ca_kabuli_chr01	1528325	[A/G]	1067289648
Ca_Kabuli_NC_021160.1_1546603	Ca_kabuli_chr01	1546603	[T/G]	1067289649
Ca_Kabuli_NC_021160.1_1546615	Ca_kabuli_chr01	1546615	[T/G]	1067289650

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_1547809	Ca_kabuli_chr01	1547809	[T/A]	1067289653
Ca_Kabuli_NC_021160.1_1650119	Ca_kabuli_chr01	1650119	[T/C]	1067289654
Ca_Kabuli_NC_021160.1_1650130	Ca_kabuli_chr01	1650130	[T/C]	1067289655
Ca_Kabuli_NC_021160.1_1650141	Ca_kabuli_chr01	1650141	[T/C]	1067289656
Ca_Kabuli_NC_021160.1_1732879	Ca_kabuli_chr01	1732879	[G/C]	1067289657
Ca_Kabuli_NC_021160.1_1769544	Ca_kabuli_chr01	1769544	[T/C]	1067289658
Ca_Kabuli_NC_021160.1_1769581	Ca_kabuli_chr01	1769581	[A/C]	1067289659
Ca_Kabuli_NC_021160.1_1782760	Ca_kabuli_chr01	1782760	[G/A]	1067289660
Ca_Kabuli_NC_021160.1_1782793	Ca_kabuli_chr01	1782793	[G/T]	1067289661
Ca_Kabuli_NC_021160.1_1783207	Ca_kabuli_chr01	1783207	[G/A]	1067289662
Ca_Kabuli_NC_021160.1_1825840	Ca_kabuli_chr01	1825840	[G/A]	1067289663
Ca_Kabuli_NC_021160.1_1858156	Ca_kabuli_chr01	1858156	[T/C]	1067289664
Ca_Kabuli_NC_021160.1_1858159	Ca_kabuli_chr01	1858159	[A/G]	1067289665
Ca_Kabuli_NC_021160.1_1858161	Ca_kabuli_chr01	1858161	[A/C]	1067289666
Ca_Kabuli_NC_021160.1_1858177	Ca_kabuli_chr01	1858177	[T/C]	1067289667
Ca_Kabuli_NC_021160.1_1858202	Ca_kabuli_chr01	1858202	[T/C]	1067289668
Ca_Kabuli_NC_021160.1_1858226	Ca_kabuli_chr01	1858226	[G/A]	1067289669
Ca_Kabuli_NC_021160.1_1858509	Ca_kabuli_chr01	1858509	[C/T]	1067289670
Ca_Kabuli_NC_021160.1_1858717	Ca_kabuli_chr01	1858717	[A/G]	1067289671
Ca_Kabuli_NC_021160.1_1861696	Ca_kabuli_chr01	1861696	[C/T]	1067289672
Ca_Kabuli_NC_021160.1_1861707	Ca_kabuli_chr01	1861707	[T/G]	1067289673
Ca_Kabuli_NC_021160.1_1861837	Ca_kabuli_chr01	1861837	[T/G]	1067289674
Ca_Kabuli_NC_021160.1_1861887	Ca_kabuli_chr01	1861887	[G/A]	1067289675
Ca_Kabuli_NC_021160.1_1904230	Ca_kabuli_chr01	1904230	[G/T]	1067289676
Ca_Kabuli_NC_021160.1_1904238	Ca_kabuli_chr01	1904238	[A/G]	1067289677
Ca_Kabuli_NC_021160.1_1904281	Ca_kabuli_chr01	1904281	[T/A]	1067289678
Ca_Kabuli_NC_021160.1_1904334	Ca_kabuli_chr01	1904334	[T/G]	1067289679
Ca_Kabuli_NC_021160.1_1935519	Ca_kabuli_chr01	1935519	[T/A]	1067289680
Ca_Kabuli_NC_021160.1_1935557	Ca_kabuli_chr01	1935557	[A/T]	1067289681
Ca_Kabuli_NC_021160.1_1962690	Ca_kabuli_chr01	1962690	[A/C]	1067289682
Ca_Kabuli_NC_021160.1_1968750	Ca_kabuli_chr01	1968750	[T/G]	1067289683
Ca_Kabuli_NC_021160.1_1968823	Ca_kabuli_chr01	1968823	[G/A]	1067289684

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_1968828	Ca_kabuli_chr01	1968828	[G/A]	1067289686
Ca_Kabuli_NC_021160.1_1968837	Ca_kabuli_chr01	1968837	[A/G]	1067289687
Ca_Kabuli_NC_021160.1_1971936	Ca_kabuli_chr01	1971936	[T/G]	1067289688
Ca_Kabuli_NC_021160.1_1971964	Ca_kabuli_chr01	1971964	[A/C]	1067289689
Ca_Kabuli_NC_021160.1_1971975	Ca_kabuli_chr01	1971975	[A/T]	1067289690
Ca_Kabuli_NC_021160.1_2002932	Ca_kabuli_chr01	2002932	[A/G]	1067289691
Ca_Kabuli_NC_021160.1_2002944	Ca_kabuli_chr01	2002944	[A/G]	1067289692
Ca_Kabuli_NC_021160.1_2020960	Ca_kabuli_chr01	2020960	[T/C]	1067289693
Ca_Kabuli_NC_021160.1_2041027	Ca_kabuli_chr01	2041027	[C/G]	1067289694
Ca_Kabuli_NC_021160.1_2042071	Ca_kabuli_chr01	2042071	[C/G]	1067289695
Ca_Kabuli_NC_021160.1_2044359	Ca_kabuli_chr01	2044359	[C/T]	1067289696
Ca_Kabuli_NC_021160.1_2050368	Ca_kabuli_chr01	2050368	[T/C]	1067289697
Ca_Kabuli_NC_021160.1_2050386	Ca_kabuli_chr01	2050386	[T/G]	1067289698
Ca_Kabuli_NC_021160.1_2053744	Ca_kabuli_chr01	2053744	[C/A]	1067289699
Ca_Kabuli_NC_021160.1_2053784	Ca_kabuli_chr01	2053784	[C/A]	1067289700
Ca_Kabuli_NC_021160.1_2053787	Ca_kabuli_chr01	2053787	[C/A]	1067289701
Ca_Kabuli_NC_021160.1_2053788	Ca_kabuli_chr01	2053788	[A/G]	1067289702
Ca_Kabuli_NC_021160.1_2053819	Ca_kabuli_chr01	2053819	[C/A]	1067289703
Ca_Kabuli_NC_021160.1_2053830	Ca_kabuli_chr01	2053830	[A/G]	1067289704
Ca_Kabuli_NC_021160.1_2053833	Ca_kabuli_chr01	2053833	[T/G]	1067289705
Ca_Kabuli_NC_021160.1_2053856	Ca_kabuli_chr01	2053856	[T/G]	1067289706
Ca_Kabuli_NC_021160.1_2072627	Ca_kabuli_chr01	2072627	[A/T]	1067289707
Ca_Kabuli_NC_021160.1_2074894	Ca_kabuli_chr01	2074894	[G/C]	1067289708
Ca_Kabuli_NC_021160.1_2074900	Ca_kabuli_chr01	2074900	[G/A]	1067289709
Ca_Kabuli_NC_021160.1_2074902	Ca_kabuli_chr01	2074902	[A/G]	1067289710
Ca_Kabuli_NC_021160.1_2074904	Ca_kabuli_chr01	2074904	[A/T]	1067289711
Ca_Kabuli_NC_021160.1_2075012	Ca_kabuli_chr01	2075012	[C/A]	1067289712
Ca_Kabuli_NC_021160.1_2075013	Ca_kabuli_chr01	2075013	[A/G]	1067289713
Ca_Kabuli_NC_021160.1_2075015	Ca_kabuli_chr01	2075015	[A/G]	1067289714
Ca_Kabuli_NC_021160.1_2082760	Ca_kabuli_chr01	2082760	[C/G]	1067289715
Ca_Kabuli_NC_021160.1_2083003	Ca_kabuli_chr01	2083003	[G/C]	1067289716
Ca_Kabuli_NC_021160.1_2102245	Ca_kabuli_chr01	2102245	[G/A]	1067289717
Ca_Kabuli_NC_021160.1_2178832	Ca_kabuli_chr01	2178832	[C/A]	1067289718

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_2188439	Ca_kabuli_chr01	2188439	[T/G]	1067289720
Ca_Kabuli_NC_021160.1_2188498	Ca_kabuli_chr01	2188498	[A/G]	1067289721
Ca_Kabuli_NC_021160.1_2220109	Ca_kabuli_chr01	2220109	[C/T]	1067289722
Ca_Kabuli_NC_021160.1_2232774	Ca_kabuli_chr01	2232774	[A/T]	1067289723
Ca_Kabuli_NC_021160.1_2232775	Ca_kabuli_chr01	2232775	[A/T]	1067289724
Ca_Kabuli_NC_021160.1_2232777	Ca_kabuli_chr01	2232777	[T/G]	1067289725
Ca_Kabuli_NC_021160.1_2232778	Ca_kabuli_chr01	2232778	[T/A]	1067289726
Ca_Kabuli_NC_021160.1_2252270	Ca_kabuli_chr01	2252270	[C/T]	1067289727
Ca_Kabuli_NC_021160.1_2252473	Ca_kabuli_chr01	2252473	[G/A]	1067289728
Ca_Kabuli_NC_021160.1_2276929	Ca_kabuli_chr01	2276929	[C/T]	1067289729
Ca_Kabuli_NC_021160.1_2287391	Ca_kabuli_chr01	2287391	[T/A]	1067289730
Ca_Kabuli_NC_021160.1_2287408	Ca_kabuli_chr01	2287408	[A/T]	1067289731
Ca_Kabuli_NC_021160.1_2287427	Ca_kabuli_chr01	2287427	[C/A]	1067289732
Ca_Kabuli_NC_021160.1_2287439	Ca_kabuli_chr01	2287439	[T/A]	1067289733
Ca_Kabuli_NC_021160.1_2288179	Ca_kabuli_chr01	2288179	[A/T]	1067289734
Ca_Kabuli_NC_021160.1_2288186	Ca_kabuli_chr01	2288186	[A/C]	1067289735
Ca_Kabuli_NC_021160.1_2288207	Ca_kabuli_chr01	2288207	[T/G]	1067289736
Ca_Kabuli_NC_021160.1_2290092	Ca_kabuli_chr01	2290092	[A/G]	1067289737
Ca_Kabuli_NC_021160.1_2305216	Ca_kabuli_chr01	2305216	[T/G]	1067289738
Ca_Kabuli_NC_021160.1_2305246	Ca_kabuli_chr01	2305246	[T/A]	1067289739
Ca_Kabuli_NC_021160.1_2305477	Ca_kabuli_chr01	2305477	[C/T]	1067289740
Ca_Kabuli_NC_021160.1_2305786	Ca_kabuli_chr01	2305786	[A/T]	1067289741
Ca_Kabuli_NC_021160.1_2305837	Ca_kabuli_chr01	2305837	[G/T]	1067289742
Ca_Kabuli_NC_021160.1_2306002	Ca_kabuli_chr01	2306002	[G/A]	1067289743
Ca_Kabuli_NC_021160.1_2306323	Ca_kabuli_chr01	2306323	[C/T]	1067289744
Ca_Kabuli_NC_021160.1_2306340	Ca_kabuli_chr01	2306340	[T/C]	1067289745
Ca_Kabuli_NC_021160.1_2313615	Ca_kabuli_chr01	2313615	[A/G]	1067289746
Ca_Kabuli_NC_021160.1_2366246	Ca_kabuli_chr01	2366246	[A/G]	1067289747
Ca_Kabuli_NC_021160.1_2366251	Ca_kabuli_chr01	2366251	[A/G]	1067289748
Ca_Kabuli_NC_021160.1_2373480	Ca_kabuli_chr01	2373480	[T/G]	1067289749
Ca_Kabuli_NC_021160.1_2387858	Ca_kabuli_chr01	2387858	[T/C]	1067289750
Ca_Kabuli_NC_021160.1_2387861	Ca_kabuli_chr01	2387861	[A/G]	1067289751
Ca_Kabuli_NC_021160.1_2387876	Ca_kabuli_chr01	2387876	[A/C]	1067289752

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_2400287	Ca_kabuli_chr01	2400287	[C/A]	1067289754
Ca_Kabuli_NC_021160.1_2439915	Ca_kabuli_chr01	2439915	[G/A]	1067289755
Ca_Kabuli_NC_021160.1_2439917	Ca_kabuli_chr01	2439917	[A/G]	1067289756
Ca_Kabuli_NC_021160.1_2439970	Ca_kabuli_chr01	2439970	[C/A]	1067289757
Ca_Kabuli_NC_021160.1_2439971	Ca_kabuli_chr01	2439971	[A/C]	1067289758
Ca_Kabuli_NC_021160.1_2439972	Ca_kabuli_chr01	2439972	[A/C]	1067289759
Ca_Kabuli_NC_021160.1_2452204	Ca_kabuli_chr01	2452204	[C/G]	1067289760
Ca_Kabuli_NC_021160.1_2457898	Ca_kabuli_chr01	2457898	[A/G]	1067289761
Ca_Kabuli_NC_021160.1_2473309	Ca_kabuli_chr01	2473309	[T/C]	1067289762
Ca_Kabuli_NC_021160.1_2481257	Ca_kabuli_chr01	2481257	[A/T]	1067289763
Ca_Kabuli_NC_021160.1_2510835	Ca_kabuli_chr01	2510835	[T/A]	1067289764
Ca_Kabuli_NC_021160.1_2510854	Ca_kabuli_chr01	2510854	[A/C]	1067289765
Ca_Kabuli_NC_021160.1_2513880	Ca_kabuli_chr01	2513880	[A/G]	1067289766
Ca_Kabuli_NC_021160.1_2513902	Ca_kabuli_chr01	2513902	[T/C]	1067289767
Ca_Kabuli_NC_021160.1_2538961	Ca_kabuli_chr01	2538961	[T/C]	1067289768
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Ca_Kabuli_NC_021160.1_2542652	Ca_kabuli_chr01	2542652	[G/A]	1067289772
Ca_Kabuli_NC_021160.1_2542653	Ca_kabuli_chr01	2542653	[C/A]	1067289773
Ca_Kabuli_NC_021160.1_2542658	Ca_kabuli_chr01	2542658	[G/A]	1067289774
Ca_Kabuli_NC_021160.1_2542705	Ca_kabuli_chr01	2542705	[T/A]	1067289775
Ca_Kabuli_NC_021160.1_2542727	Ca_kabuli_chr01	2542727	[T/A]	1067289776
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Ca_Kabuli_NC_021160.1_2638991	Ca_kabuli_chr01	2638991	[T/G]	1067289778
Ca_Kabuli_NC_021160.1_2638992	Ca_kabuli_chr01	2638992	[C/G]	1067289779
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Ca_Kabuli_NC_021160.1_2649792	Ca_kabuli_chr01	2649792	[A/G]	1067289783
Ca_Kabuli_NC_021160.1_2649872	Ca_kabuli_chr01	2649872	[A/C]	1067289784
Ca_Kabuli_NC_021160.1_2649905	Ca_kabuli_chr01	2649905	[T/C]	1067289785
Ca_Kabuli_NC_021160.1_2649916	Ca_kabuli_chr01	2649916	[T/C]	1067289786

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_2733669	Ca_kabuli_chr01	2733669	[T/G]	1067289790
Ca_Kabuli_NC_021160.1_2733701	Ca_kabuli_chr01	2733701	[G/T]	1067289791
Ca_Kabuli_NC_021160.1_2739513	Ca_kabuli_chr01	2739513	[A/G]	1067289792
Ca_Kabuli_NC_021160.1_2739522	Ca_kabuli_chr01	2739522	[A/G]	1067289793
Ca_Kabuli_NC_021160.1_2783500	Ca_kabuli_chr01	2783500	[T/A]	1067289794
Ca_Kabuli_NC_021160.1_2786629	Ca_kabuli_chr01	2786629	[A/C]	1067289795
Ca_Kabuli_NC_021160.1_2786970	Ca_kabuli_chr01	2786970	[T/A]	1067289796
Ca_Kabuli_NC_021160.1_2787024	Ca_kabuli_chr01	2787024	[A/G]	1067289797
Ca_Kabuli_NC_021160.1_2787040	Ca_kabuli_chr01	2787040	[A/G]	1067289798
Ca_Kabuli_NC_021160.1_2808035	Ca_kabuli_chr01	2808035	[C/A]	1067289799
Ca_Kabuli_NC_021160.1_2808039	Ca_kabuli_chr01	2808039	[A/G]	1067289800
Ca_Kabuli_NC_021160.1_2808079	Ca_kabuli_chr01	2808079	[T/G]	1067289801
Ca_Kabuli_NC_021160.1_2855971	Ca_kabuli_chr01	2855971	[T/C]	1067289802
Ca_Kabuli_NC_021160.1_2855972	Ca_kabuli_chr01	2855972	[G/T]	1067289803
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Ca_Kabuli_NC_021160.1_2883194	Ca_kabuli_chr01	2883194	[T/C]	1067289805
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Ca_Kabuli_NC_021160.1_2885525	Ca_kabuli_chr01	2885525	[C/T]	1067289813
Ca_Kabuli_NC_021160.1_2885987	Ca_kabuli_chr01	2885987	[A/T]	1067289814
Ca_Kabuli_NC_021160.1_2885988	Ca_kabuli_chr01	2885988	[G/C]	1067289815
Ca_Kabuli_NC_021160.1_2885997	Ca_kabuli_chr01	2885997	[A/G]	1067289816
Ca_Kabuli_NC_021160.1_2886005	Ca_kabuli_chr01	2886005	[A/G]	1067289817
Ca_Kabuli_NC_021160.1_2886442	Ca_kabuli_chr01	2886442	[A/G]	1067289818
Ca_Kabuli_NC_021160.1_2888375	Ca_kabuli_chr01	2888375	[A/C]	1067289819
Ca_Kabuli_NC_021160.1_2936921	Ca_kabuli_chr01	2936921	[A/C]	1067289820

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_2948249	Ca_kabuli_chr01	2948249	[C/A]	1067289824
Ca_Kabuli_NC_021160.1_2948253	Ca_kabuli_chr01	2948253	[C/T]	1067289825
Ca_Kabuli_NC_021160.1_2948258	Ca_kabuli_chr01	2948258	[C/A]	1067289826
Ca_Kabuli_NC_021160.1_2948260	Ca_kabuli_chr01	2948260	[G/A]	1067289827
Ca_Kabuli_NC_021160.1_2997728	Ca_kabuli_chr01	2997728	[T/G]	1067289828
Ca_Kabuli_NC_021160.1_3006195	Ca_kabuli_chr01	3006195	[T/A]	1067289829
Ca_Kabuli_NC_021160.1_3009393	Ca_kabuli_chr01	3009393	[A/C]	1067289830
Ca_Kabuli_NC_021160.1_3032090	Ca_kabuli_chr01	3032090	[T/G]	1067289831
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Ca_Kabuli_NC_021160.1_3051969	Ca_kabuli_chr01	3051969	[C/A]	1067289833
Ca_Kabuli_NC_021160.1_3052183	Ca_kabuli_chr01	3052183	[T/A]	1067289834
Ca_Kabuli_NC_021160.1_3052591	Ca_kabuli_chr01	3052591	[A/T]	1067289835
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Ca_Kabuli_NC_021160.1_3052640	Ca_kabuli_chr01	3052640	[A/G]	1067289838
Ca_Kabuli_NC_021160.1_3081902	Ca_kabuli_chr01	3081902	[A/C]	1067289839
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Ca_Kabuli_NC_021160.1_3154736	Ca_kabuli_chr01	3154736	[C/A]	1067289841
Ca_Kabuli_NC_021160.1_3154739	Ca_kabuli_chr01	3154739	[C/T]	1067289842
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Ca_Kabuli_NC_021160.1_3230872	Ca_kabuli_chr01	3230872	[A/G]	1067289844
Ca_Kabuli_NC_021160.1_3235705	Ca_kabuli_chr01	3235705	[A/C]	1067289845
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Ca_Kabuli_NC_021160.1_3260243	Ca_kabuli_chr01	3260243	[C/A]	1067289848
Ca_Kabuli_NC_021160.1_3260252	Ca_kabuli_chr01	3260252	[A/G]	1067289849
Ca_Kabuli_NC_021160.1_3260253	Ca_kabuli_chr01	3260253	[A/G]	1067289850
Ca_Kabuli_NC_021160.1_3298109	Ca_kabuli_chr01	3298109	[T/A]	1067289851
Ca_Kabuli_NC_021160.1_3298206	Ca_kabuli_chr01	3298206	[A/C]	1067289852
Ca_Kabuli_NC_021160.1_3298295	Ca_kabuli_chr01	3298295	[T/G]	1067289853
Ca_Kabuli_NC_021160.1_3298317	Ca_kabuli_chr01	3298317	[T/A]	1067289854



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_3364890	Ca_kabuli_chr01	3364890	[T/C]	1067289857
Ca_Kabuli_NC_021160.1_3405838	Ca_kabuli_chr01	3405838	[G/T]	1067289858
Ca_Kabuli_NC_021160.1_3481995	Ca_kabuli_chr01	3481995	[T/A]	1067289859
Ca_Kabuli_NC_021160.1_3503132	Ca_kabuli_chr01	3503132	[A/C]	1067289860
Ca_Kabuli_NC_021160.1_3503209	Ca_kabuli_chr01	3503209	[T/C]	1067289861
Ca_Kabuli_NC_021160.1_3503231	Ca_kabuli_chr01	3503231	[T/G]	1067289862
Ca_Kabuli_NC_021160.1_3503244	Ca_kabuli_chr01	3503244	[A/C]	1067289863
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Ca_Kabuli_NC_021160.1_3544578	Ca_kabuli_chr01	3544578	[T/A]	1067289865
Ca_Kabuli_NC_021160.1_3544912	Ca_kabuli_chr01	3544912	[A/C]	1067289866
Ca_Kabuli_NC_021160.1_3546461	Ca_kabuli_chr01	3546461	[C/T]	1067289867
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Ca_Kabuli_NC_021160.1_3546463	Ca_kabuli_chr01	3546463	[G/T]	1067289869
Ca_Kabuli_NC_021160.1_3607175	Ca_kabuli_chr01	3607175	[A/G]	1067289870
Ca_Kabuli_NC_021160.1_3611230	Ca_kabuli_chr01	3611230	[A/G]	1067289871
Ca_Kabuli_NC_021160.1_3711498	Ca_kabuli_chr01	3711498	[T/G]	1067289872
Ca_Kabuli_NC_021160.1_3711500	Ca_kabuli_chr01	3711500	[A/G]	1067289873
Ca_Kabuli_NC_021160.1_3711510	Ca_kabuli_chr01	3711510	[T/A]	1067289874
Ca_Kabuli_NC_021160.1_3711516	Ca_kabuli_chr01	3711516	[T/G]	1067289875
Ca_Kabuli_NC_021160.1_3711525	Ca_kabuli_chr01	3711525	[T/G]	1067289876
Ca_Kabuli_NC_021160.1_3711551	Ca_kabuli_chr01	3711551	[A/C]	1067289877
Ca_Kabuli_NC_021160.1_3736950	Ca_kabuli_chr01	3736950	[G/A]	1067289878
Ca_Kabuli_NC_021160.1_3736953	Ca_kabuli_chr01	3736953	[G/A]	1067289879
Ca_Kabuli_NC_021160.1_3736956	Ca_kabuli_chr01	3736956	[T/G]	1067289880
Ca_Kabuli_NC_021160.1_3852265	Ca_kabuli_chr01	3852265	[A/G]	1067289881
Ca_Kabuli_NC_021160.1_3853187	Ca_kabuli_chr01	3853187	[A/C]	1067289882
Ca_Kabuli_NC_021160.1_3853190	Ca_kabuli_chr01	3853190	[A/G]	1067289883
Ca_Kabuli_NC_021160.1_3853392	Ca_kabuli_chr01	3853392	[T/C]	1067289884
Ca_Kabuli_NC_021160.1_3853397	Ca_kabuli_chr01	3853397	[T/G]	1067289885
Ca_Kabuli_NC_021160.1_3853462	Ca_kabuli_chr01	3853462	[A/G]	1067289886
Ca_Kabuli_NC_021160.1_3853547	Ca_kabuli_chr01	3853547	[T/C]	1067289887
Ca_Kabuli_NC_021160.1_3909375	Ca_kabuli_chr01	3909375	[A/G]	1067289888

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_3927976	Ca_kabuli_chr01	3927976	[A/G]	1067289892
Ca_Kabuli_NC_021160.1_3940980	Ca_kabuli_chr01	3940980	[T/G]	1067289893
Ca_Kabuli_NC_021160.1_3941139	Ca_kabuli_chr01	3941139	[T/A]	1067289894
Ca_Kabuli_NC_021160.1_3941141	Ca_kabuli_chr01	3941141	[T/C]	1067289895
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Ca_Kabuli_NC_021160.1_3952796	Ca_kabuli_chr01	3952796	[T/G]	1067289897
Ca_Kabuli_NC_021160.1_3952823	Ca_kabuli_chr01	3952823	[T/G]	1067289898
Ca_Kabuli_NC_021160.1_3972668	Ca_kabuli_chr01	3972668	[A/C]	1067289899
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Ca_Kabuli_NC_021160.1_4017077	Ca_kabuli_chr01	4017077	[T/G]	1067289901
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Ca_Kabuli_NC_021160.1_4187762	Ca_kabuli_chr01	4187762	[A/T]	1067289904
Ca_Kabuli_NC_021160.1_4189333	Ca_kabuli_chr01	4189333	[T/C]	1067289905
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Ca_Kabuli_NC_021160.1_4302706	Ca_kabuli_chr01	4302706	[A/G]	1067289908
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Ca_Kabuli_NC_021160.1_4320404	Ca_kabuli_chr01	4320404	[A/G]	1067289911
Ca_Kabuli_NC_021160.1_4372894	Ca_kabuli_chr01	4372894	[T/C]	1067289912
Ca_Kabuli_NC_021160.1_4375775	Ca_kabuli_chr01	4375775	[A/G]	1067289913
Ca_Kabuli_NC_021160.1_4386125	Ca_kabuli_chr01	4386125	[A/C]	1067289914
Ca_Kabuli_NC_021160.1_4386145	Ca_kabuli_chr01	4386145	[A/T]	1067289915
Ca_Kabuli_NC_021160.1_4386162	Ca_kabuli_chr01	4386162	[A/C]	1067289916
Ca_Kabuli_NC_021160.1_4423934	Ca_kabuli_chr01	4423934	[A/G]	1067289917
Ca_Kabuli_NC_021160.1_4423978	Ca_kabuli_chr01	4423978	[A/G]	1067289918
Ca_Kabuli_NC_021160.1_4423984	Ca_kabuli_chr01	4423984	[A/C]	1067289919
Ca_Kabuli_NC_021160.1_4429013	Ca_kabuli_chr01	4429013	[T/C]	1067289920
Ca_Kabuli_NC_021160.1_4429024	Ca_kabuli_chr01	4429024	[T/C]	1067289921
Ca_Kabuli_NC_021160.1_4456639	Ca_kabuli_chr01	4456639	[T/C]	1067289922

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021160.1_4456648	Ca_kabuli_chr01	4456648	[T/A]	1067289923
Ca_Kabuli_NC_021160.1_4466616	Ca_kabuli_chr01	4466616	[T/G]	1067289924
Ca_Kabuli_NC_021160.1_4569479	Ca_kabuli_chr01	4569479	[A/C]	1067289925
Ca_Kabuli_NC_021160.1_4569555	Ca_kabuli_chr01	4569555	[T/G]	1067289926
Ca_Kabuli_NC_021160.1_4569576	Ca_kabuli_chr01	4569576	[T/G]	1067289927
Ca_Kabuli_NC_021160.1_4569615	Ca_kabuli_chr01	4569615	[T/A]	1067289928
Ca_Kabuli_NC_021160.1_4569653	Ca_kabuli_chr01	4569653	[T/C]	1067289929
Ca_Kabuli_NC_021160.1_4580855	Ca_kabuli_chr01	4580855	[T/C]	1067289930
Ca_Kabuli_NC_021160.1_4580881	Ca_kabuli_chr01	4580881	[A/G]	1067289931
Ca_Kabuli_NC_021160.1_4626197	Ca_kabuli_chr01	4626197	[A/C]	1067289932
Ca_Kabuli_NC_021160.1_4631461	Ca_kabuli_chr01	4631461	[A/C]	1067289933
Ca_Kabuli_NC_021160.1_4737620	Ca_kabuli_chr01	4737620	[G/C]	1067289934
Ca_Kabuli_NC_021160.1_4737621	Ca_kabuli_chr01	4737621	[G/T]	1067289935
Ca_Kabuli_NC_021160.1_4781690	Ca_kabuli_chr01	4781690	[A/C]	1067289936
Ca_Kabuli_NC_021160.1_4781714	Ca_kabuli_chr01	4781714	[A/T]	1067289937
Ca_Kabuli_NC_021160.1_4827194	Ca_kabuli_chr01	4827194	[A/C]	1067289938
Ca_Kabuli_NC_021160.1_4827200	Ca_kabuli_chr01	4827200	[A/C]	1067289939
Ca_Kabuli_NC_021160.1_4827202	Ca_kabuli_chr01	4827202	[T/C]	1067289940
Ca_Kabuli_NC_021160.1_4899835	Ca_kabuli_chr01	4899835	[T/G]	1067289941
Ca_Kabuli_NC_021160.1_4899882	Ca_kabuli_chr01	4899882	[A/C]	1067289942
Ca_Kabuli_NC_021160.1_4902036	Ca_kabuli_chr01	4902036	[C/T]	1067289943
Ca_Kabuli_NC_021160.1_4906830	Ca_kabuli_chr01	4906830	[T/C]	1067289944
Ca_Kabuli_NC_021160.1_4906831	Ca_kabuli_chr01	4906831	[G/T]	1067289945
Ca_Kabuli_NC_021160.1_4908732	Ca_kabuli_chr01	4908732	[A/T]	1067289946
Ca_Kabuli_NC_021160.1_4908733	Ca_kabuli_chr01	4908733	[C/A]	1067289947
Ca_Kabuli_NC_021160.1_4948887	Ca_kabuli_chr01	4948887	[T/G]	1067289948
Ca_Kabuli_NC_021160.1_4950486	Ca_kabuli_chr01	4950486	[A/G]	1067289949
Ca_Kabuli_NC_021160.1_4950743	Ca_kabuli_chr01	4950743	[T/G]	1067289950
Ca_Kabuli_NC_021160.1_4996269	Ca_kabuli_chr01	4996269	[A/C]	1067289951
Ca_Kabuli_NC_021160.1_4996279	Ca_kabuli_chr01	4996279	[G/C]	1067289952
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Ca_Kabuli_NC_021160.1_4996302	Ca_kabuli_chr01	4996302	[T/C]	1067289954
Ca_Kabuli_NC_021160.1_4996818	Ca_kabuli_chr01	4996818	[T/G]	1067289955
Ca_Kabuli_NC_021160.1_4996834	Ca_kabuli_chr01	4996834	[A/G]	1067289956

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_5071992	Ca_kabuli_chr01	5071992	[T/A]	1067289960
Ca_Kabuli_NC_021160.1_5087503	Ca_kabuli_chr01	5087503	[T/G]	1067289961
Ca_Kabuli_NC_021160.1_5094543	Ca_kabuli_chr01	5094543	[A/C]	1067289962
Ca_Kabuli_NC_021160.1_5094544	Ca_kabuli_chr01	5094544	[G/T]	1067289963
Ca_Kabuli_NC_021160.1_5107995	Ca_kabuli_chr01	5107995	[A/C]	1067289964
Ca_Kabuli_NC_021160.1_5108029	Ca_kabuli_chr01	5108029	[A/G]	1067289965
Ca_Kabuli_NC_021160.1_5164105	Ca_kabuli_chr01	5164105	[T/G]	1067289966
Ca_Kabuli_NC_021160.1_5164186	Ca_kabuli_chr01	5164186	[G/A]	1067289967
Ca_Kabuli_NC_021160.1_5164198	Ca_kabuli_chr01	5164198	[C/A]	1067289968
Ca_Kabuli_NC_021160.1_5249782	Ca_kabuli_chr01	5249782	[T/C]	1067289969
Ca_Kabuli_NC_021160.1_5249783	Ca_kabuli_chr01	5249783	[C/T]	1067289970
Ca_Kabuli_NC_021160.1_5249784	Ca_kabuli_chr01	5249784	[T/C]	1067289971
Ca_Kabuli_NC_021160.1_5249798	Ca_kabuli_chr01	5249798	[T/C]	1067289972
Ca_Kabuli_NC_021160.1_5249808	Ca_kabuli_chr01	5249808	[T/C]	1067289973
Ca_Kabuli_NC_021160.1_5249822	Ca_kabuli_chr01	5249822	[T/A]	1067289974
Ca_Kabuli_NC_021160.1_5249868	Ca_kabuli_chr01	5249868	[G/A]	1067289975
Ca_Kabuli_NC_021160.1_5288463	Ca_kabuli_chr01	5288463	[A/C]	1067289976
Ca_Kabuli_NC_021160.1_5288475	Ca_kabuli_chr01	5288475	[A/C]	1067289977
Ca_Kabuli_NC_021160.1_5288478	Ca_kabuli_chr01	5288478	[A/C]	1067289978
Ca_Kabuli_NC_021160.1_5363160	Ca_kabuli_chr01	5363160	[A/C]	1067289979
Ca_Kabuli_NC_021160.1_5430636	Ca_kabuli_chr01	5430636	[T/C]	1067289980
Ca_Kabuli_NC_021160.1_5430640	Ca_kabuli_chr01	5430640	[A/T]	1067289981
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Ca_Kabuli_NC_021160.1_5430652	Ca_kabuli_chr01	5430652	[T/C]	1067289983
Ca_Kabuli_NC_021160.1_5430676	Ca_kabuli_chr01	5430676	[T/A]	1067289984
Ca_Kabuli_NC_021160.1_5487600	Ca_kabuli_chr01	5487600	[A/C]	1067289985
Ca_Kabuli_NC_021160.1_5489570	Ca_kabuli_chr01	5489570	[T/G]	1067289986
Ca_Kabuli_NC_021160.1_5498288	Ca_kabuli_chr01	5498288	[T/G]	1067289987
Ca_Kabuli_NC_021160.1_5498291	Ca_kabuli_chr01	5498291	[T/G]	1067289988
Ca_Kabuli_NC_021160.1_5567072	Ca_kabuli_chr01	5567072	[C/T]	1067289989
Ca_Kabuli_NC_021160.1_5576985	Ca_kabuli_chr01	5576985	[A/G]	1067289990

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_5666260	Ca_kabuli_chr01	5666260	[T/G]	1067289994
Ca_Kabuli_NC_021160.1_5666263	Ca_kabuli_chr01	5666263	[T/G]	1067289995
Ca_Kabuli_NC_021160.1_5749429	Ca_kabuli_chr01	5749429	[A/G]	1067289996
Ca_Kabuli_NC_021160.1_5749438	Ca_kabuli_chr01	5749438	[T/G]	1067289997
Ca_Kabuli_NC_021160.1_5749452	Ca_kabuli_chr01	5749452	[C/T]	1067289998
Ca_Kabuli_NC_021160.1_5793815	Ca_kabuli_chr01	5793815	[G/A]	1067289999
Ca_Kabuli_NC_021160.1_5862586	Ca_kabuli_chr01	5862586	[T/C]	1067290000
Ca_Kabuli_NC_021160.1_5933308	Ca_kabuli_chr01	5933308	[T/G]	1067290001
Ca_Kabuli_NC_021160.1_5978264	Ca_kabuli_chr01	5978264	[A/C]	1067290002
Ca_Kabuli_NC_021160.1_5978287	Ca_kabuli_chr01	5978287	[C/T]	1067290003
Ca_Kabuli_NC_021160.1_6011790	Ca_kabuli_chr01	6011790	[A/G]	1067290004
Ca_Kabuli_NC_021160.1_6088245	Ca_kabuli_chr01	6088245	[T/C]	1067290005
Ca_Kabuli_NC_021160.1_6097569	Ca_kabuli_chr01	6097569	[G/A]	1067290006
Ca_Kabuli_NC_021160.1_6097599	Ca_kabuli_chr01	6097599	[A/C]	1067290007
Ca_Kabuli_NC_021160.1_6224010	Ca_kabuli_chr01	6224010	[G/C]	1067290008
Ca_Kabuli_NC_021160.1_6224015	Ca_kabuli_chr01	6224015	[T/C]	1067290009
Ca_Kabuli_NC_021160.1_6257582	Ca_kabuli_chr01	6257582	[T/C]	1067290010
Ca_Kabuli_NC_021160.1_6257712	Ca_kabuli_chr01	6257712	[T/A]	1067290011
Ca_Kabuli_NC_021160.1_6259026	Ca_kabuli_chr01	6259026	[C/T]	1067290012
Ca_Kabuli_NC_021160.1_6259419	Ca_kabuli_chr01	6259419	[G/T]	1067290013
Ca_Kabuli_NC_021160.1_6259466	Ca_kabuli_chr01	6259466	[T/A]	1067290014
Ca_Kabuli_NC_021160.1_6268630	Ca_kabuli_chr01	6268630	[A/G]	1067290015
Ca_Kabuli_NC_021160.1_6268776	Ca_kabuli_chr01	6268776	[A/C]	1067290016
Ca_Kabuli_NC_021160.1_6268787	Ca_kabuli_chr01	6268787	[G/A]	1067290017
Ca_Kabuli_NC_021160.1_6279597	Ca_kabuli_chr01	6279597	[A/C]	1067290018
Ca_Kabuli_NC_021160.1_6296986	Ca_kabuli_chr01	6296986	[A/C]	1067290019
Ca_Kabuli_NC_021160.1_6304919	Ca_kabuli_chr01	6304919	[C/A]	1067290020
Ca_Kabuli_NC_021160.1_6315397	Ca_kabuli_chr01	6315397	[G/C]	1067290021
Ca_Kabuli_NC_021160.1_6315399	Ca_kabuli_chr01	6315399	[G/T]	1067290022
Ca_Kabuli_NC_021160.1_6329022	Ca_kabuli_chr01	6329022	[T/C]	1067290023
Ca_Kabuli_NC_021160.1_6329054	Ca_kabuli_chr01	6329054	[A/G]	1067290024

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_6329121	Ca_kabuli_chr01	6329121	[G/A]	1067290027
Ca_Kabuli_NC_021160.1_6329786	Ca_kabuli_chr01	6329786	[T/G]	1067290028
Ca_Kabuli_NC_021160.1_6329847	Ca_kabuli_chr01	6329847	[G/A]	1067290029
Ca_Kabuli_NC_021160.1_6331686	Ca_kabuli_chr01	6331686	[A/G]	1067290030
Ca_Kabuli_NC_021160.1_6332104	Ca_kabuli_chr01	6332104	[G/A]	1067290031
Ca_Kabuli_NC_021160.1_6332153	Ca_kabuli_chr01	6332153	[T/C]	1067290032
Ca_Kabuli_NC_021160.1_6390541	Ca_kabuli_chr01	6390541	[T/A]	1067290033
Ca_Kabuli_NC_021160.1_6391016	Ca_kabuli_chr01	6391016	[A/G]	1067290034
Ca_Kabuli_NC_021160.1_6433592	Ca_kabuli_chr01	6433592	[G/T]	1067290035
Ca_Kabuli_NC_021160.1_6433838	Ca_kabuli_chr01	6433838	[C/T]	1067290036
Ca_Kabuli_NC_021160.1_6433919	Ca_kabuli_chr01	6433919	[A/C]	1067290037
Ca_Kabuli_NC_021160.1_6433934	Ca_kabuli_chr01	6433934	[T/A]	1067290038
Ca_Kabuli_NC_021160.1_6435319	Ca_kabuli_chr01	6435319	[T/C]	1067290039
Ca_Kabuli_NC_021160.1_6435331	Ca_kabuli_chr01	6435331	[T/C]	1067290040
Ca_Kabuli_NC_021160.1_6435499	Ca_kabuli_chr01	6435499	[C/T]	1067290041
Ca_Kabuli_NC_021160.1_6437643	Ca_kabuli_chr01	6437643	[A/G]	1067290042
Ca_Kabuli_NC_021160.1_6478765	Ca_kabuli_chr01	6478765	[G/A]	1067290043
Ca_Kabuli_NC_021160.1_6478794	Ca_kabuli_chr01	6478794	[G/A]	1067290044
Ca_Kabuli_NC_021160.1_6520998	Ca_kabuli_chr01	6520998	[T/C]	1067290045
Ca_Kabuli_NC_021160.1_6591483	Ca_kabuli_chr01	6591483	[T/G]	1067290046
Ca_Kabuli_NC_021160.1_6591493	Ca_kabuli_chr01	6591493	[A/T]	1067290047
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Ca_Kabuli_NC_021160.1_6621746	Ca_kabuli_chr01	6621746	[T/C]	1067290049
Ca_Kabuli_NC_021160.1_6621752	Ca_kabuli_chr01	6621752	[T/G]	1067290050
Ca_Kabuli_NC_021160.1_6621759	Ca_kabuli_chr01	6621759	[G/A]	1067290051
Ca_Kabuli_NC_021160.1_6635359	Ca_kabuli_chr01	6635359	[A/C]	1067290052
Ca_Kabuli_NC_021160.1_6635791	Ca_kabuli_chr01	6635791	[A/G]	1067290053
Ca_Kabuli_NC_021160.1_6635809	Ca_kabuli_chr01	6635809	[A/G]	1067290054
Ca_Kabuli_NC_021160.1_6678449	Ca_kabuli_chr01	6678449	[T/G]	1067290055
Ca_Kabuli_NC_021160.1_6678554	Ca_kabuli_chr01	6678554	[T/G]	1067290056
Ca_Kabuli_NC_021160.1_6678612	Ca_kabuli_chr01	6678612	[A/G]	1067290057
Ca_Kabuli_NC_021160.1_6734885	Ca_kabuli_chr01	6734885	[A/G]	1067290058

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_6803370	Ca_kabuli_chr01	6803370	[T/C]	1067290061
Ca_Kabuli_NC_021160.1_6848555	Ca_kabuli_chr01	6848555	[A/C]	1067290062
Ca_Kabuli_NC_021160.1_6879106	Ca_kabuli_chr01	6879106	[T/C]	1067290063
Ca_Kabuli_NC_021160.1_6879157	Ca_kabuli_chr01	6879157	[A/C]	1067290064
Ca_Kabuli_NC_021160.1_6880831	Ca_kabuli_chr01	6880831	[A/C]	1067290065
Ca_Kabuli_NC_021160.1_6880849	Ca_kabuli_chr01	6880849	[A/G]	1067290066
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Ca_Kabuli_NC_021160.1_6952381	Ca_kabuli_chr01	6952381	[T/G]	1067290070
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Ca_Kabuli_NC_021160.1_7084306	Ca_kabuli_chr01	7084306	[A/C]	1067290076
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Ca_Kabuli_NC_021160.1_7160664	Ca_kabuli_chr01	7160664	[A/G]	1067290080
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Ca_Kabuli_NC_021160.1_7440335	Ca_kabuli_chr01	7440335	[T/C]	1067290086
Ca_Kabuli_NC_021160.1_7440343	Ca_kabuli_chr01	7440343	[A/G]	1067290087
Ca_Kabuli_NC_021160.1_7440354	Ca_kabuli_chr01	7440354	[A/G]	1067290088
Ca_Kabuli_NC_021160.1_7486081	Ca_kabuli_chr01	7486081	[T/G]	1067290089
Ca_Kabuli_NC_021160.1_7486104	Ca_kabuli_chr01	7486104	[A/C]	1067290090
Ca_Kabuli_NC_021160.1_7486109	Ca_kabuli_chr01	7486109	[T/G]	1067290091
Ca_Kabuli_NC_021160.1_7486195	Ca_kabuli_chr01	7486195	[T/C]	1067290092

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021160.1_7486199	Ca_kabuli_chr01	7486199	[A/G]	1067290093
Ca_Kabuli_NC_021160.1_7486207	Ca_kabuli_chr01	7486207	[A/G]	1067290094
Ca_Kabuli_NC_021160.1_7486222	Ca_kabuli_chr01	7486222	[T/G]	1067290095
Ca_Kabuli_NC_021160.1_7500494	Ca_kabuli_chr01	7500494	[T/G]	1067290096
Ca_Kabuli_NC_021160.1_7500497	Ca_kabuli_chr01	7500497	[T/G]	1067290097
Ca_Kabuli_NC_021160.1_7500514	Ca_kabuli_chr01	7500514	[C/A]	1067290098
Ca_Kabuli_NC_021160.1_7500515	Ca_kabuli_chr01	7500515	[C/G]	1067290099
Ca_Kabuli_NC_021160.1_7500516	Ca_kabuli_chr01	7500516	[G/A]	1067290100
Ca_Kabuli_NC_021160.1_7500627	Ca_kabuli_chr01	7500627	[T/C]	1067290101
Ca_Kabuli_NC_021160.1_7504924	Ca_kabuli_chr01	7504924	[T/A]	1067290102
Ca_Kabuli_NC_021160.1_7509839	Ca_kabuli_chr01	7509839	[A/T]	1067290103
Ca_Kabuli_NC_021160.1_7554807	Ca_kabuli_chr01	7554807	[A/C]	1067290104
Ca_Kabuli_NC_021160.1_7554818	Ca_kabuli_chr01	7554818	[A/G]	1067290105
Ca_Kabuli_NC_021160.1_7554828	Ca_kabuli_chr01	7554828	[A/G]	1067290106
Ca_Kabuli_NC_021160.1_7565585	Ca_kabuli_chr01	7565585	[C/G]	1067290107
Ca_Kabuli_NC_021160.1_7565676	Ca_kabuli_chr01	7565676	[T/G]	1067290108
Ca_Kabuli_NC_021160.1_7604966	Ca_kabuli_chr01	7604966	[A/C]	1067290109
Ca_Kabuli_NC_021160.1_7678588	Ca_kabuli_chr01	7678588	[G/A]	1067290110
Ca_Kabuli_NC_021160.1_7679328	Ca_kabuli_chr01	7679328	[A/G]	1067290111
Ca_Kabuli_NC_021160.1_7690613	Ca_kabuli_chr01	7690613	[T/G]	1067290112
Ca_Kabuli_NC_021160.1_7690620	Ca_kabuli_chr01	7690620	[T/G]	1067290113
Ca_Kabuli_NC_021160.1_7811388	Ca_kabuli_chr01	7811388	[C/T]	1067290114
Ca_Kabuli_NC_021160.1_7811444	Ca_kabuli_chr01	7811444	[G/T]	1067290115
Ca_Kabuli_NC_021160.1_7897505	Ca_kabuli_chr01	7897505	[T/G]	1067290116
Ca_Kabuli_NC_021160.1_7897545	Ca_kabuli_chr01	7897545	[A/G]	1067290117
Ca_Kabuli_NC_021160.1_7915141	Ca_kabuli_chr01	7915141	[G/A]	1067290118
Ca_Kabuli_NC_021160.1_7916143	Ca_kabuli_chr01	7916143	[T/G]	1067290119
Ca_Kabuli_NC_021160.1_7916152	Ca_kabuli_chr01	7916152	[G/A]	1067290120
Ca_Kabuli_NC_021160.1_7916540	Ca_kabuli_chr01	7916540	[A/T]	1067290121
Ca_Kabuli_NC_021160.1_7916564	Ca_kabuli_chr01	7916564	[A/G]	1067290122
Ca_Kabuli_NC_021160.1_7916572	Ca_kabuli_chr01	7916572	[T/C]	1067290123
Ca_Kabuli_NC_021160.1_7916583	Ca_kabuli_chr01	7916583	[T/G]	1067290124
Ca_Kabuli_NC_021160.1_7916636	Ca_kabuli_chr01	7916636	[T/C]	1067290125
Ca_Kabuli_NC_021160.1_7925666	Ca_kabuli_chr01	7925666	[A/C]	1067290126



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_7934892	Ca_kabuli_chr01	7934892	[G/T]	1067290129
Ca_Kabuli_NC_021160.1_7935389	Ca_kabuli_chr01	7935389	[A/T]	1067290130
Ca_Kabuli_NC_021160.1_7935401	Ca_kabuli_chr01	7935401	[T/G]	1067290131
Ca_Kabuli_NC_021160.1_7969141	Ca_kabuli_chr01	7969141	[A/C]	1067290132
Ca_Kabuli_NC_021160.1_7969189	Ca_kabuli_chr01	7969189	[T/G]	1067290133
Ca_Kabuli_NC_021160.1_7969218	Ca_kabuli_chr01	7969218	[T/C]	1067290134
Ca_Kabuli_NC_021160.1_7971308	Ca_kabuli_chr01	7971308	[G/A]	1067290135
Ca_Kabuli_NC_021160.1_8036666	Ca_kabuli_chr01	8036666	[C/T]	1067290136
Ca_Kabuli_NC_021160.1_8036903	Ca_kabuli_chr01	8036903	[A/T]	1067290137
Ca_Kabuli_NC_021160.1_8036917	Ca_kabuli_chr01	8036917	[T/G]	1067290138
Ca_Kabuli_NC_021160.1_8045800	Ca_kabuli_chr01	8045800	[A/C]	1067290139
Ca_Kabuli_NC_021160.1_8045827	Ca_kabuli_chr01	8045827	[T/G]	1067290140
Ca_Kabuli_NC_021160.1_8072470	Ca_kabuli_chr01	8072470	[T/G]	1067290141
Ca_Kabuli_NC_021160.1_8075742	Ca_kabuli_chr01	8075742	[G/T]	1067290142
Ca_Kabuli_NC_021160.1_8100906	Ca_kabuli_chr01	8100906	[C/T]	1067290143
Ca_Kabuli_NC_021160.1_8108014	Ca_kabuli_chr01	8108014	[C/T]	1067290144
Ca_Kabuli_NC_021160.1_8108207	Ca_kabuli_chr01	8108207	[T/A]	1067290145
Ca_Kabuli_NC_021160.1_8108211	Ca_kabuli_chr01	8108211	[A/C]	1067290146
Ca_Kabuli_NC_021160.1_8108226	Ca_kabuli_chr01	8108226	[A/G]	1067290147
Ca_Kabuli_NC_021160.1_8108233	Ca_kabuli_chr01	8108233	[T/G]	1067290148
Ca_Kabuli_NC_021160.1_8112247	Ca_kabuli_chr01	8112247	[A/G]	1067290149
Ca_Kabuli_NC_021160.1_8112280	Ca_kabuli_chr01	8112280	[T/A]	1067290150
Ca_Kabuli_NC_021160.1_8112294	Ca_kabuli_chr01	8112294	[T/G]	1067290151
Ca_Kabuli_NC_021160.1_8112343	Ca_kabuli_chr01	8112343	[C/T]	1067290152
Ca_Kabuli_NC_021160.1_8113173	Ca_kabuli_chr01	8113173	[T/C]	1067290153
Ca_Kabuli_NC_021160.1_8113179	Ca_kabuli_chr01	8113179	[T/A]	1067290154
Ca_Kabuli_NC_021160.1_8113260	Ca_kabuli_chr01	8113260	[A/G]	1067290155
Ca_Kabuli_NC_021160.1_8113398	Ca_kabuli_chr01	8113398	[C/G]	1067290156
Ca_Kabuli_NC_021160.1_8113403	Ca_kabuli_chr01	8113403	[A/T]	1067290157
Ca_Kabuli_NC_021160.1_8113449	Ca_kabuli_chr01	8113449	[T/A]	1067290158
Ca_Kabuli_NC_021160.1_8113502	Ca_kabuli_chr01	8113502	[T/G]	1067290159
Ca_Kabuli_NC_021160.1_8131096	Ca_kabuli_chr01	8131096	[A/C]	1067290160

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_8133516	Ca_kabuli_chr01	8133516	[G/A]	1067290162
Ca_Kabuli_NC_021160.1_8231238	Ca_kabuli_chr01	8231238	[A/C]	1067290163
Ca_Kabuli_NC_021160.1_8238567	Ca_kabuli_chr01	8238567	[A/G]	1067290164
Ca_Kabuli_NC_021160.1_8238575	Ca_kabuli_chr01	8238575	[A/G]	1067290165
Ca_Kabuli_NC_021160.1_8238577	Ca_kabuli_chr01	8238577	[G/C]	1067290166
Ca_Kabuli_NC_021160.1_8238584	Ca_kabuli_chr01	8238584	[A/T]	1067290167
Ca_Kabuli_NC_021160.1_8238598	Ca_kabuli_chr01	8238598	[T/C]	1067290168
Ca_Kabuli_NC_021160.1_8238621	Ca_kabuli_chr01	8238621	[T/C]	1067290169
Ca_Kabuli_NC_021160.1_8389189	Ca_kabuli_chr01	8389189	[C/A]	1067290170
Ca_Kabuli_NC_021160.1_8389216	Ca_kabuli_chr01	8389216	[T/C]	1067290171
Ca_Kabuli_NC_021160.1_8389256	Ca_kabuli_chr01	8389256	[A/C]	1067290172
Ca_Kabuli_NC_021160.1_8465699	Ca_kabuli_chr01	8465699	[A/G]	1067290173
Ca_Kabuli_NC_021160.1_8465711	Ca_kabuli_chr01	8465711	[T/C]	1067290174
Ca_Kabuli_NC_021160.1_8542017	Ca_kabuli_chr01	8542017	[T/A]	1067290175
Ca_Kabuli_NC_021160.1_8669467	Ca_kabuli_chr01	8669467	[C/T]	1067290176
Ca_Kabuli_NC_021160.1_8677266	Ca_kabuli_chr01	8677266	[A/T]	1067290177
Ca_Kabuli_NC_021160.1_8682168	Ca_kabuli_chr01	8682168	[T/C]	1067290178
Ca_Kabuli_NC_021160.1_8682190	Ca_kabuli_chr01	8682190	[T/G]	1067290179
Ca_Kabuli_NC_021160.1_8692680	Ca_kabuli_chr01	8692680	[T/G]	1067290180
Ca_Kabuli_NC_021160.1_8697279	Ca_kabuli_chr01	8697279	[G/T]	1067290181
Ca_Kabuli_NC_021160.1_8737370	Ca_kabuli_chr01	8737370	[A/G]	1067290182
Ca_Kabuli_NC_021160.1_8738746	Ca_kabuli_chr01	8738746	[T/G]	1067290183
Ca_Kabuli_NC_021160.1_8738752	Ca_kabuli_chr01	8738752	[A/G]	1067290184
Ca_Kabuli_NC_021160.1_8776194	Ca_kabuli_chr01	8776194	[A/C]	1067290185
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Ca_Kabuli_NC_021160.1_8822309	Ca_kabuli_chr01	8822309	[T/G]	1067290187
Ca_Kabuli_NC_021160.1_8822364	Ca_kabuli_chr01	8822364	[A/T]	1067290188
Ca_Kabuli_NC_021160.1_8822383	Ca_kabuli_chr01	8822383	[T/C]	1067290189
Ca_Kabuli_NC_021160.1_8824843	Ca_kabuli_chr01	8824843	[A/G]	1067290190
Ca_Kabuli_NC_021160.1_8871047	Ca_kabuli_chr01	8871047	[T/C]	1067290191
Ca_Kabuli_NC_021160.1_8871080	Ca_kabuli_chr01	8871080	[T/C]	1067290192
Ca_Kabuli_NC_021160.1_8871092	Ca_kabuli_chr01	8871092	[T/C]	1067290193
Ca_Kabuli_NC_021160.1_8891438	Ca_kabuli_chr01	8891438	[T/G]	1067290194

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_8894567	Ca_kabuli_chr01	8894567	[A/T]	1067290198
Ca_Kabuli_NC_021160.1_8894568	Ca_kabuli_chr01	8894568	[T/C]	1067290199
Ca_Kabuli_NC_021160.1_8894569	Ca_kabuli_chr01	8894569	[G/T]	1067290200
Ca_Kabuli_NC_021160.1_8897947	Ca_kabuli_chr01	8897947	[A/T]	1067290201
Ca_Kabuli_NC_021160.1_8897963	Ca_kabuli_chr01	8897963	[T/C]	1067290202
Ca_Kabuli_NC_021160.1_8901692	Ca_kabuli_chr01	8901692	[A/C]	1067290203
Ca_Kabuli_NC_021160.1_8941054	Ca_kabuli_chr01	8941054	[A/G]	1067290204
Ca_Kabuli_NC_021160.1_8942144	Ca_kabuli_chr01	8942144	[A/C]	1067290205
Ca_Kabuli_NC_021160.1_8949732	Ca_kabuli_chr01	8949732	[T/A]	1067290206
Ca_Kabuli_NC_021160.1_8949771	Ca_kabuli_chr01	8949771	[A/T]	1067290207
Ca_Kabuli_NC_021160.1_8971649	Ca_kabuli_chr01	8971649	[A/G]	1067290208
Ca_Kabuli_NC_021160.1_8971684	Ca_kabuli_chr01	8971684	[A/C]	1067290209
Ca_Kabuli_NC_021160.1_8971710	Ca_kabuli_chr01	8971710	[A/C]	1067290210
Ca_Kabuli_NC_021160.1_8971786	Ca_kabuli_chr01	8971786	[A/G]	1067290211
Ca_Kabuli_NC_021160.1_8971801	Ca_kabuli_chr01	8971801	[A/C]	1067290212
Ca_Kabuli_NC_021160.1_8972032	Ca_kabuli_chr01	8972032	[C/G]	1067290213
Ca_Kabuli_NC_021160.1_8976243	Ca_kabuli_chr01	8976243	[A/C]	1067290214
Ca_Kabuli_NC_021160.1_8980198	Ca_kabuli_chr01	8980198	[A/C]	1067290215
Ca_Kabuli_NC_021160.1_9007413	Ca_kabuli_chr01	9007413	[A/C]	1067290216
Ca_Kabuli_NC_021160.1_9031488	Ca_kabuli_chr01	9031488	[T/A]	1067290217
Ca_Kabuli_NC_021160.1_9031497	Ca_kabuli_chr01	9031497	[G/A]	1067290218
Ca_Kabuli_NC_021160.1_9032161	Ca_kabuli_chr01	9032161	[T/C]	1067290219
Ca_Kabuli_NC_021160.1_9032196	Ca_kabuli_chr01	9032196	[T/G]	1067290220
Ca_Kabuli_NC_021160.1_9064167	Ca_kabuli_chr01	9064167	[T/C]	1067290221
Ca_Kabuli_NC_021160.1_9064170	Ca_kabuli_chr01	9064170	[T/C]	1067290222
Ca_Kabuli_NC_021160.1_9064225	Ca_kabuli_chr01	9064225	[A/G]	1067290223
Ca_Kabuli_NC_021160.1_9085302	Ca_kabuli_chr01	9085302	[A/C]	1067290224
Ca_Kabuli_NC_021160.1_9097860	Ca_kabuli_chr01	9097860	[T/C]	1067290225
Ca_Kabuli_NC_021160.1_9097864	Ca_kabuli_chr01	9097864	[T/C]	1067290226
Ca_Kabuli_NC_021160.1_9097878	Ca_kabuli_chr01	9097878	[A/G]	1067290227
Ca_Kabuli_NC_021160.1_9097879	Ca_kabuli_chr01	9097879	[C/A]	1067290228

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_9097999	Ca_kabuli_chr01	9097999	[A/C]	1067290231
Ca_Kabuli_NC_021160.1_9098048	Ca_kabuli_chr01	9098048	[A/C]	1067290232
Ca_Kabuli_NC_021160.1_9105452	Ca_kabuli_chr01	9105452	[T/G]	1067290233
Ca_Kabuli_NC_021160.1_9199585	Ca_kabuli_chr01	9199585	[T/C]	1067290234
Ca_Kabuli_NC_021160.1_9199591	Ca_kabuli_chr01	9199591	[T/C]	1067290235
Ca_Kabuli_NC_021160.1_9270090	Ca_kabuli_chr01	9270090	[T/G]	1067290236
Ca_Kabuli_NC_021160.1_9384194	Ca_kabuli_chr01	9384194	[T/C]	1067290237
Ca_Kabuli_NC_021160.1_9384265	Ca_kabuli_chr01	9384265	[A/T]	1067290238
Ca_Kabuli_NC_021160.1_9433023	Ca_kabuli_chr01	9433023	[G/A]	1067290239
Ca_Kabuli_NC_021160.1_9468055	Ca_kabuli_chr01	9468055	[A/G]	1067290240
Ca_Kabuli_NC_021160.1_9468064	Ca_kabuli_chr01	9468064	[C/T]	1067290241
Ca_Kabuli_NC_021160.1_9484646	Ca_kabuli_chr01	9484646	[T/C]	1067290242
Ca_Kabuli_NC_021160.1_9497704	Ca_kabuli_chr01	9497704	[T/A]	1067290243
Ca_Kabuli_NC_021160.1_9497705	Ca_kabuli_chr01	9497705	[C/A]	1067290244
Ca_Kabuli_NC_021160.1_9497706	Ca_kabuli_chr01	9497706	[T/G]	1067290245
Ca_Kabuli_NC_021160.1_9500436	Ca_kabuli_chr01	9500436	[T/C]	1067290246
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Ca_Kabuli_NC_021160.1_9570032	Ca_kabuli_chr01	9570032	[A/G]	1067290250
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Ca_Kabuli_NC_021160.1_9596690	Ca_kabuli_chr01	9596690	[C/A]	1067290252
Ca_Kabuli_NC_021160.1_9596691	Ca_kabuli_chr01	9596691	[T/G]	1067290253
Ca_Kabuli_NC_021160.1_9603920	Ca_kabuli_chr01	9603920	[T/A]	1067290254
Ca_Kabuli_NC_021160.1_9705108	Ca_kabuli_chr01	9705108	[T/G]	1067290255
Ca_Kabuli_NC_021160.1_9705127	Ca_kabuli_chr01	9705127	[C/T]	1067290256
Ca_Kabuli_NC_021160.1_9705151	Ca_kabuli_chr01	9705151	[A/G]	1067290257
Ca_Kabuli_NC_021160.1_9705183	Ca_kabuli_chr01	9705183	[T/G]	1067290258
Ca_Kabuli_NC_021160.1_9705197	Ca_kabuli_chr01	9705197	[T/G]	1067290259
Ca_Kabuli_NC_021160.1_9705199	Ca_kabuli_chr01	9705199	[A/G]	1067290260
Ca_Kabuli_NC_021160.1_9705217	Ca_kabuli_chr01	9705217	[A/G]	1067290261
Ca_Kabuli_NC_021160.1_9705244	Ca_kabuli_chr01	9705244	[A/G]	1067290262

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_9745091	Ca_kabuli_chr01	9745091	[A/G]	1067290264
Ca_Kabuli_NC_021160.1_9752908	Ca_kabuli_chr01	9752908	[T/G]	1067290265
Ca_Kabuli_NC_021160.1_9756950	Ca_kabuli_chr01	9756950	[T/A]	1067290266
Ca_Kabuli_NC_021160.1_9757008	Ca_kabuli_chr01	9757008	[A/C]	1067290267
Ca_Kabuli_NC_021160.1_9779385	Ca_kabuli_chr01	9779385	[T/A]	1067290268
Ca_Kabuli_NC_021160.1_9797297	Ca_kabuli_chr01	9797297	[T/C]	1067290269
Ca_Kabuli_NC_021160.1_9797352	Ca_kabuli_chr01	9797352	[G/T]	1067290270
Ca_Kabuli_NC_021160.1_9797353	Ca_kabuli_chr01	9797353	[T/C]	1067290271
Ca_Kabuli_NC_021160.1_9801542	Ca_kabuli_chr01	9801542	[T/G]	1067290272
Ca_Kabuli_NC_021160.1_9807759	Ca_kabuli_chr01	9807759	[T/G]	1067290273
Ca_Kabuli_NC_021160.1_9808455	Ca_kabuli_chr01	9808455	[A/C]	1067290274
Ca_Kabuli_NC_021160.1_9808476	Ca_kabuli_chr01	9808476	[G/A]	1067290275
Ca_Kabuli_NC_021160.1_9810246	Ca_kabuli_chr01	9810246	[T/C]	1067290276
Ca_Kabuli_NC_021160.1_9810284	Ca_kabuli_chr01	9810284	[A/G]	1067290277
Ca_Kabuli_NC_021160.1_9810295	Ca_kabuli_chr01	9810295	[T/C]	1067290278
Ca_Kabuli_NC_021160.1_9816351	Ca_kabuli_chr01	9816351	[T/C]	1067290279
Ca_Kabuli_NC_021160.1_9896510	Ca_kabuli_chr01	9896510	[A/G]	1067290280
Ca_Kabuli_NC_021160.1_9921381	Ca_kabuli_chr01	9921381	[C/A]	1067290281
Ca_Kabuli_NC_021160.1_9921382	Ca_kabuli_chr01	9921382	[A/G]	1067290282
Ca_Kabuli_NC_021160.1_9921383	Ca_kabuli_chr01	9921383	[G/A]	1067290283
Ca_Kabuli_NC_021160.1_9932701	Ca_kabuli_chr01	9932701	[T/C]	1067290284
Ca_Kabuli_NC_021160.1_9952513	Ca_kabuli_chr01	9952513	[A/G]	1067290285
Ca_Kabuli_NC_021160.1_9952565	Ca_kabuli_chr01	9952565	[T/G]	1067290286
Ca_Kabuli_NC_021160.1_10093170	Ca_kabuli_chr01	10093170	[T/A]	1067290287
Ca_Kabuli_NC_021160.1_10155527	Ca_kabuli_chr01	10155527	[T/G]	1067290288
Ca_Kabuli_NC_021160.1_10155547	Ca_kabuli_chr01	10155547	[T/C]	1067290289
Ca_Kabuli_NC_021160.1_10186582	Ca_kabuli_chr01	10186582	[T/G]	1067290290
Ca_Kabuli_NC_021160.1_10186667	Ca_kabuli_chr01	10186667	[T/G]	1067290291
Ca_Kabuli_NC_021160.1_10269116	Ca_kabuli_chr01	10269116	[C/T]	1067290292
Ca_Kabuli_NC_021160.1_10269117	Ca_kabuli_chr01	10269117	[A/C]	1067290293
Ca_Kabuli_NC_021160.1_10269118	Ca_kabuli_chr01	10269118	[G/T]	1067290294
Ca_Kabuli_NC_021160.1_10289771	Ca_kabuli_chr01	10289771	[T/G]	1067290295
Ca_Kabuli_NC_021160.1_10289805	Ca_kabuli_chr01	10289805	[T/G]	1067290296

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_10298363	Ca_kabuli_chr01	10298363	[T/C]	1067290299
Ca_Kabuli_NC_021160.1_10339063	Ca_kabuli_chr01	10339063	[G/T]	1067290300
Ca_Kabuli_NC_021160.1_10364978	Ca_kabuli_chr01	10364978	[T/A]	1067290301
Ca_Kabuli_NC_021160.1_10364981	Ca_kabuli_chr01	10364981	[C/A]	1067290302
Ca_Kabuli_NC_021160.1_10364986	Ca_kabuli_chr01	10364986	[C/G]	1067290303
Ca_Kabuli_NC_021160.1_10364992	Ca_kabuli_chr01	10364992	[C/A]	1067290304
Ca_Kabuli_NC_021160.1_10364999	Ca_kabuli_chr01	10364999	[G/A]	1067290305
Ca_Kabuli_NC_021160.1_10366346	Ca_kabuli_chr01	10366346	[T/C]	1067290306
Ca_Kabuli_NC_021160.1_10366380	Ca_kabuli_chr01	10366380	[A/T]	1067290307
Ca_Kabuli_NC_021160.1_10410393	Ca_kabuli_chr01	10410393	[T/A]	1067290308
Ca_Kabuli_NC_021160.1_10440427	Ca_kabuli_chr01	10440427	[A/G]	1067290309
Ca_Kabuli_NC_021160.1_10460268	Ca_kabuli_chr01	10460268	[A/G]	1067290310
Ca_Kabuli_NC_021160.1_10482467	Ca_kabuli_chr01	10482467	[A/G]	1067290311
Ca_Kabuli_NC_021160.1_10486212	Ca_kabuli_chr01	10486212	[T/G]	1067290312
Ca_Kabuli_NC_021160.1_10528100	Ca_kabuli_chr01	10528100	[A/C]	1067290313
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Ca_Kabuli_NC_021160.1_10672359	Ca_kabuli_chr01	10672359	[A/G]	1067290315
Ca_Kabuli_NC_021160.1_10672360	Ca_kabuli_chr01	10672360	[T/A]	1067290316
Ca_Kabuli_NC_021160.1_10697416	Ca_kabuli_chr01	10697416	[T/G]	1067290317
Ca_Kabuli_NC_021160.1_10698016	Ca_kabuli_chr01	10698016	[T/A]	1067290318
Ca_Kabuli_NC_021160.1_10712205	Ca_kabuli_chr01	10712205	[T/G]	1067290319
Ca_Kabuli_NC_021160.1_10715409	Ca_kabuli_chr01	10715409	[A/C]	1067290320
Ca_Kabuli_NC_021160.1_10715410	Ca_kabuli_chr01	10715410	[T/A]	1067290321
Ca_Kabuli_NC_021160.1_10715411	Ca_kabuli_chr01	10715411	[C/A]	1067290322
Ca_Kabuli_NC_021160.1_10715412	Ca_kabuli_chr01	10715412	[T/G]	1067290323
Ca_Kabuli_NC_021160.1_10739566	Ca_kabuli_chr01	10739566	[C/A]	1067290324
Ca_Kabuli_NC_021160.1_10739567	Ca_kabuli_chr01	10739567	[A/T]	1067290325
Ca_Kabuli_NC_021160.1_10806321	Ca_kabuli_chr01	10806321	[A/C]	1067290326
Ca_Kabuli_NC_021160.1_10861266	Ca_kabuli_chr01	10861266	[A/G]	1067290327
Ca_Kabuli_NC_021160.1_10861285	Ca_kabuli_chr01	10861285	[A/G]	1067290328
Ca_Kabuli_NC_021160.1_10861326	Ca_kabuli_chr01	10861326	[T/G]	1067290329
Ca_Kabuli_NC_021160.1_10861328	Ca_kabuli_chr01	10861328	[T/G]	1067290330

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_10863037	Ca_kabuli_chr01	10863037	[T/C]	1067290332
Ca_Kabuli_NC_021160.1_10863079	Ca_kabuli_chr01	10863079	[A/G]	1067290333
Ca_Kabuli_NC_021160.1_10863094	Ca_kabuli_chr01	10863094	[T/C]	1067290334
Ca_Kabuli_NC_021160.1_10888044	Ca_kabuli_chr01	10888044	[A/G]	1067290335
Ca_Kabuli_NC_021160.1_10888047	Ca_kabuli_chr01	10888047	[C/T]	1067290336
Ca_Kabuli_NC_021160.1_10895661	Ca_kabuli_chr01	10895661	[T/C]	1067290337
Ca_Kabuli_NC_021160.1_10895664	Ca_kabuli_chr01	10895664	[T/C]	1067290338
Ca_Kabuli_NC_021160.1_10895673	Ca_kabuli_chr01	10895673	[T/A]	1067290339
Ca_Kabuli_NC_021160.1_10896314	Ca_kabuli_chr01	10896314	[A/G]	1067290340
Ca_Kabuli_NC_021160.1_10896328	Ca_kabuli_chr01	10896328	[G/A]	1067290341
Ca_Kabuli_NC_021160.1_10896363	Ca_kabuli_chr01	10896363	[G/T]	1067290342
Ca_Kabuli_NC_021160.1_10899031	Ca_kabuli_chr01	10899031	[T/C]	1067290343
Ca_Kabuli_NC_021160.1_10899032	Ca_kabuli_chr01	10899032	[G/T]	1067290344
Ca_Kabuli_NC_021160.1_10914064	Ca_kabuli_chr01	10914064	[T/C]	1067290345
Ca_Kabuli_NC_021160.1_10914094	Ca_kabuli_chr01	10914094	[T/C]	1067290346
Ca_Kabuli_NC_021160.1_10953405	Ca_kabuli_chr01	10953405	[A/G]	1067290347
Ca_Kabuli_NC_021160.1_10963892	Ca_kabuli_chr01	10963892	[A/C]	1067290348
Ca_Kabuli_NC_021160.1_10963897	Ca_kabuli_chr01	10963897	[A/T]	1067290349
Ca_Kabuli_NC_021160.1_10963917	Ca_kabuli_chr01	10963917	[A/C]	1067290350
Ca_Kabuli_NC_021160.1_10963954	Ca_kabuli_chr01	10963954	[T/C]	1067290351
Ca_Kabuli_NC_021160.1_11045048	Ca_kabuli_chr01	11045048	[T/C]	1067290352
Ca_Kabuli_NC_021160.1_11045064	Ca_kabuli_chr01	11045064	[T/G]	1067290353
Ca_Kabuli_NC_021160.1_11046645	Ca_kabuli_chr01	11046645	[A/T]	1067290354
Ca_Kabuli_NC_021160.1_11053473	Ca_kabuli_chr01	11053473	[A/G]	1067290355
Ca_Kabuli_NC_021160.1_11096731	Ca_kabuli_chr01	11096731	[T/C]	1067290356
Ca_Kabuli_NC_021160.1_11096787	Ca_kabuli_chr01	11096787	[T/G]	1067290357
Ca_Kabuli_NC_021160.1_11100632	Ca_kabuli_chr01	11100632	[T/C]	1067290358
Ca_Kabuli_NC_021160.1_11100676	Ca_kabuli_chr01	11100676	[A/G]	1067290359
Ca_Kabuli_NC_021160.1_11105572	Ca_kabuli_chr01	11105572	[A/C]	1067290360
Ca_Kabuli_NC_021160.1_11111108	Ca_kabuli_chr01	11111108	[A/C]	1067290361
Ca_Kabuli_NC_021160.1_11172819	Ca_kabuli_chr01	11172819	[T/G]	1067290362
Ca_Kabuli_NC_021160.1_11191087	Ca_kabuli_chr01	11191087	[A/T]	1067290363
Ca_Kabuli_NC_021160.1_11193223	Ca_kabuli_chr01	11193223	[A/T]	1067290364

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_11193266	Ca_kabuli_chr01	11193266	[T/G]	1067290366
Ca_Kabuli_NC_021160.1_11230109	Ca_kabuli_chr01	11230109	[T/C]	1067290367
Ca_Kabuli_NC_021160.1_11230377	Ca_kabuli_chr01	11230377	[A/C]	1067290368
Ca_Kabuli_NC_021160.1_11231022	Ca_kabuli_chr01	11231022	[T/G]	1067290369
Ca_Kabuli_NC_021160.1_11231081	Ca_kabuli_chr01	11231081	[A/G]	1067290370
Ca_Kabuli_NC_021160.1_11231094	Ca_kabuli_chr01	11231094	[A/G]	1067290371
Ca_Kabuli_NC_021160.1_11277751	Ca_kabuli_chr01	11277751	[A/C]	1067290372
Ca_Kabuli_NC_021160.1_11277808	Ca_kabuli_chr01	11277808	[A/G]	1067290373
Ca_Kabuli_NC_021160.1_11277812	Ca_kabuli_chr01	11277812	[T/C]	1067290374
Ca_Kabuli_NC_021160.1_11277832	Ca_kabuli_chr01	11277832	[A/C]	1067290375
Ca_Kabuli_NC_021160.1_11277884	Ca_kabuli_chr01	11277884	[A/T]	1067290376
Ca_Kabuli_NC_021160.1_11277913	Ca_kabuli_chr01	11277913	[T/A]	1067290377
Ca_Kabuli_NC_021160.1_11277945	Ca_kabuli_chr01	11277945	[A/G]	1067290378
Ca_Kabuli_NC_021160.1_11277953	Ca_kabuli_chr01	11277953	[T/G]	1067290379
Ca_Kabuli_NC_021160.1_11277961	Ca_kabuli_chr01	11277961	[A/G]	1067290380
Ca_Kabuli_NC_021160.1_11285295	Ca_kabuli_chr01	11285295	[A/G]	1067290381
Ca_Kabuli_NC_021160.1_11336814	Ca_kabuli_chr01	11336814	[T/G]	1067290382
Ca_Kabuli_NC_021160.1_11336858	Ca_kabuli_chr01	11336858	[A/C]	1067290383
Ca_Kabuli_NC_021160.1_11340761	Ca_kabuli_chr01	11340761	[T/C]	1067290384
Ca_Kabuli_NC_021160.1_11342365	Ca_kabuli_chr01	11342365	[A/G]	1067290385
Ca_Kabuli_NC_021160.1_11361625	Ca_kabuli_chr01	11361625	[A/C]	1067290386
Ca_Kabuli_NC_021160.1_11361687	Ca_kabuli_chr01	11361687	[T/A]	1067290387
Ca_Kabuli_NC_021160.1_11374655	Ca_kabuli_chr01	11374655	[T/A]	1067290388
Ca_Kabuli_NC_021160.1_11374733	Ca_kabuli_chr01	11374733	[A/G]	1067290389
Ca_Kabuli_NC_021160.1_11405118	Ca_kabuli_chr01	11405118	[G/A]	1067290390
Ca_Kabuli_NC_021160.1_11405133	Ca_kabuli_chr01	11405133	[A/G]	1067290391
Ca_Kabuli_NC_021160.1_11405155	Ca_kabuli_chr01	11405155	[T/C]	1067290392
Ca_Kabuli_NC_021160.1_11405163	Ca_kabuli_chr01	11405163	[T/C]	1067290393
Ca_Kabuli_NC_021160.1_11487640	Ca_kabuli_chr01	11487640	[C/A]	1067290394
Ca_Kabuli_NC_021160.1_11487664	Ca_kabuli_chr01	11487664	[C/T]	1067290395
Ca_Kabuli_NC_021160.1_11502160	Ca_kabuli_chr01	11502160	[G/T]	1067290396
Ca_Kabuli_NC_021160.1_11537936	Ca_kabuli_chr01	11537936	[T/C]	1067290397
Ca_Kabuli_NC_021160.1_11599706	Ca_kabuli_chr01	11599706	[T/G]	1067290398



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_11669794	Ca_kabuli_chr01	11669794	[G/T]	1067290401
Ca_Kabuli_NC_021160.1_11676536	Ca_kabuli_chr01	11676536	[A/T]	1067290402
Ca_Kabuli_NC_021160.1_11676582	Ca_kabuli_chr01	11676582	[T/C]	1067290403
Ca_Kabuli_NC_021160.1_11676658	Ca_kabuli_chr01	11676658	[A/C]	1067290404
Ca_Kabuli_NC_021160.1_11703765	Ca_kabuli_chr01	11703765	[A/C]	1067290405
Ca_Kabuli_NC_021160.1_11706510	Ca_kabuli_chr01	11706510	[T/G]	1067290406
Ca_Kabuli_NC_021160.1_11706577	Ca_kabuli_chr01	11706577	[T/C]	1067290407
Ca_Kabuli_NC_021160.1_11706597	Ca_kabuli_chr01	11706597	[A/G]	1067290408
Ca_Kabuli_NC_021160.1_11746090	Ca_kabuli_chr01	11746090	[T/C]	1067290409
Ca_Kabuli_NC_021160.1_11746122	Ca_kabuli_chr01	11746122	[T/C]	1067290410
Ca_Kabuli_NC_021160.1_11749976	Ca_kabuli_chr01	11749976	[A/C]	1067290411
Ca_Kabuli_NC_021160.1_11749979	Ca_kabuli_chr01	11749979	[A/C]	1067290412
Ca_Kabuli_NC_021160.1_11955897	Ca_kabuli_chr01	11955897	[T/G]	1067290413
Ca_Kabuli_NC_021160.1_11970674	Ca_kabuli_chr01	11970674	[A/C]	1067290414
Ca_Kabuli_NC_021160.1_11972242	Ca_kabuli_chr01	11972242	[T/C]	1067290415
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Ca_Kabuli_NC_021160.1_12013222	Ca_kabuli_chr01	12013222	[A/T]	1067290417
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Ca_Kabuli_NC_021160.1_12169598	Ca_kabuli_chr01	12169598	[G/A]	1067290420
Ca_Kabuli_NC_021160.1_12189933	Ca_kabuli_chr01	12189933	[A/C]	1067290421
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Ca_Kabuli_NC_021160.1_12326232	Ca_kabuli_chr01	12326232	[T/G]	1067290423
Ca_Kabuli_NC_021160.1_12326242	Ca_kabuli_chr01	12326242	[G/T]	1067290424
Ca_Kabuli_NC_021160.1_12326264	Ca_kabuli_chr01	12326264	[T/G]	1067290425
Ca_Kabuli_NC_021160.1_12337445	Ca_kabuli_chr01	12337445	[T/C]	1067290426
Ca_Kabuli_NC_021160.1_12340978	Ca_kabuli_chr01	12340978	[A/C]	1067290427
Ca_Kabuli_NC_021160.1_12341006	Ca_kabuli_chr01	12341006	[T/G]	1067290428
Ca_Kabuli_NC_021160.1_12341059	Ca_kabuli_chr01	12341059	[A/C]	1067290429
Ca_Kabuli_NC_021160.1_12341081	Ca_kabuli_chr01	12341081	[T/C]	1067290430
Ca_Kabuli_NC_021160.1_12341147	Ca_kabuli_chr01	12341147	[T/G]	1067290431
Ca_Kabuli_NC_021160.1_12372201	Ca_kabuli_chr01	12372201	[C/T]	1067290432

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_12412979	Ca_kabuli_chr01	12412979	[A/T]	1067290435
Ca_Kabuli_NC_021160.1_12413012	Ca_kabuli_chr01	12413012	[G/T]	1067290436
Ca_Kabuli_NC_021160.1_12413016	Ca_kabuli_chr01	12413016	[T/A]	1067290437
Ca_Kabuli_NC_021160.1_12413080	Ca_kabuli_chr01	12413080	[C/T]	1067290438
Ca_Kabuli_NC_021160.1_12434148	Ca_kabuli_chr01	12434148	[T/G]	1067290439
Ca_Kabuli_NC_021160.1_12439871	Ca_kabuli_chr01	12439871	[T/G]	1067290440
Ca_Kabuli_NC_021160.1_12517452	Ca_kabuli_chr01	12517452	[T/C]	1067290441
Ca_Kabuli_NC_021160.1_12517473	Ca_kabuli_chr01	12517473	[A/G]	1067290442
Ca_Kabuli_NC_021160.1_12561061	Ca_kabuli_chr01	12561061	[A/G]	1067290443
Ca_Kabuli_NC_021160.1_12561084	Ca_kabuli_chr01	12561084	[T/A]	1067290444
Ca_Kabuli_NC_021160.1_12561121	Ca_kabuli_chr01	12561121	[T/A]	1067290445
Ca_Kabuli_NC_021160.1_12575980	Ca_kabuli_chr01	12575980	[T/C]	1067290446
Ca_Kabuli_NC_021160.1_12588797	Ca_kabuli_chr01	12588797	[A/C]	1067290447
Ca_Kabuli_NC_021160.1_12640616	Ca_kabuli_chr01	12640616	[T/C]	1067290448
Ca_Kabuli_NC_021160.1_12640627	Ca_kabuli_chr01	12640627	[T/C]	1067290449
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Ca_Kabuli_NC_021160.1_12641452	Ca_kabuli_chr01	12641452	[A/C]	1067290451
Ca_Kabuli_NC_021160.1_12642126	Ca_kabuli_chr01	12642126	[T/A]	1067290452
Ca_Kabuli_NC_021160.1_12642147	Ca_kabuli_chr01	12642147	[A/C]	1067290453
Ca_Kabuli_NC_021160.1_12688435	Ca_kabuli_chr01	12688435	[A/C]	1067290454
Ca_Kabuli_NC_021160.1_12704408	Ca_kabuli_chr01	12704408	[T/A]	1067290455
Ca_Kabuli_NC_021160.1_12704473	Ca_kabuli_chr01	12704473	[A/G]	1067290456
Ca_Kabuli_NC_021160.1_12713237	Ca_kabuli_chr01	12713237	[T/C]	1067290457
Ca_Kabuli_NC_021160.1_12736318	Ca_kabuli_chr01	12736318	[T/G]	1067290458
Ca_Kabuli_NC_021160.1_12736332	Ca_kabuli_chr01	12736332	[A/G]	1067290459
Ca_Kabuli_NC_021160.1_12736575	Ca_kabuli_chr01	12736575	[T/G]	1067290460
Ca_Kabuli_NC_021160.1_12772559	Ca_kabuli_chr01	12772559	[G/C]	1067290461
Ca_Kabuli_NC_021160.1_12773810	Ca_kabuli_chr01	12773810	[A/C]	1067290462
Ca_Kabuli_NC_021160.1_12800435	Ca_kabuli_chr01	12800435	[C/A]	1067290463
Ca_Kabuli_NC_021160.1_12800436	Ca_kabuli_chr01	12800436	[T/G]	1067290464
Ca_Kabuli_NC_021160.1_12800607	Ca_kabuli_chr01	12800607	[T/A]	1067290465
Ca_Kabuli_NC_021160.1_12800610	Ca_kabuli_chr01	12800610	[A/C]	1067290466

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_12880420	Ca_kabuli_chr01	12880420	[T/A]	1067290469
Ca_Kabuli_NC_021160.1_12948219	Ca_kabuli_chr01	12948219	[A/G]	1067290470
Ca_Kabuli_NC_021160.1_12948253	Ca_kabuli_chr01	12948253	[T/A]	1067290471
Ca_Kabuli_NC_021160.1_12990248	Ca_kabuli_chr01	12990248	[T/C]	1067290472
Ca_Kabuli_NC_021160.1_12990448	Ca_kabuli_chr01	12990448	[T/C]	1067290473
Ca_Kabuli_NC_021160.1_12990476	Ca_kabuli_chr01	12990476	[T/C]	1067290474
Ca_Kabuli_NC_021160.1_12990489	Ca_kabuli_chr01	12990489	[T/C]	1067290475
Ca_Kabuli_NC_021160.1_12990780	Ca_kabuli_chr01	12990780	[A/T]	1067290476
Ca_Kabuli_NC_021160.1_12990784	Ca_kabuli_chr01	12990784	[T/C]	1067290477
Ca_Kabuli_NC_021160.1_12990819	Ca_kabuli_chr01	12990819	[A/G]	1067290478
Ca_Kabuli_NC_021160.1_12991618	Ca_kabuli_chr01	12991618	[T/C]	1067290479
Ca_Kabuli_NC_021160.1_12991624	Ca_kabuli_chr01	12991624	[A/G]	1067290480
Ca_Kabuli_NC_021160.1_12991635	Ca_kabuli_chr01	12991635	[A/G]	1067290481
Ca_Kabuli_NC_021160.1_12991638	Ca_kabuli_chr01	12991638	[A/C]	1067290482
Ca_Kabuli_NC_021160.1_12991923	Ca_kabuli_chr01	12991923	[T/C]	1067290483
Ca_Kabuli_NC_021160.1_12991944	Ca_kabuli_chr01	12991944	[A/G]	1067290484
Ca_Kabuli_NC_021160.1_12991962	Ca_kabuli_chr01	12991962	[T/A]	1067290485
Ca_Kabuli_NC_021160.1_12992439	Ca_kabuli_chr01	12992439	[A/C]	1067290486
Ca_Kabuli_NC_021160.1_12992445	Ca_kabuli_chr01	12992445	[A/C]	1067290487
Ca_Kabuli_NC_021160.1_12992448	Ca_kabuli_chr01	12992448	[T/C]	1067290488
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Ca_Kabuli_NC_021160.1_12993785	Ca_kabuli_chr01	12993785	[T/C]	1067290491
Ca_Kabuli_NC_021160.1_12993883	Ca_kabuli_chr01	12993883	[A/G]	1067290492
Ca_Kabuli_NC_021160.1_12993887	Ca_kabuli_chr01	12993887	[A/G]	1067290493
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Ca_Kabuli_NC_021160.1_12993953	Ca_kabuli_chr01	12993953	[T/A]	1067290496
Ca_Kabuli_NC_021160.1_12994024	Ca_kabuli_chr01	12994024	[T/C]	1067290497
Ca_Kabuli_NC_021160.1_12994053	Ca_kabuli_chr01	12994053	[T/C]	1067290498
Ca_Kabuli_NC_021160.1_12994470	Ca_kabuli_chr01	12994470	[A/T]	1067290499
Ca_Kabuli_NC_021160.1_13034730	Ca_kabuli_chr01	13034730	[A/G]	1067290500

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_13034785	Ca_kabuli_chr01	13034785	[G/A]	1067290503
Ca_Kabuli_NC_021160.1_13034819	Ca_kabuli_chr01	13034819	[A/G]	1067290504
Ca_Kabuli_NC_021160.1_13034821	Ca_kabuli_chr01	13034821	[T/C]	1067290505
Ca_Kabuli_NC_021160.1_13040711	Ca_kabuli_chr01	13040711	[A/T]	1067290506
Ca_Kabuli_NC_021160.1_13112887	Ca_kabuli_chr01	13112887	[T/A]	1067290507
Ca_Kabuli_NC_021160.1_13112892	Ca_kabuli_chr01	13112892	[T/G]	1067290508
Ca_Kabuli_NC_021160.1_13156427	Ca_kabuli_chr01	13156427	[A/C]	1067290509
Ca_Kabuli_NC_021160.1_13158171	Ca_kabuli_chr01	13158171	[T/A]	1067290510
Ca_Kabuli_NC_021160.1_13203052	Ca_kabuli_chr01	13203052	[A/C]	1067290511
Ca_Kabuli_NC_021160.1_13262992	Ca_kabuli_chr01	13262992	[T/G]	1067290512
Ca_Kabuli_NC_021160.1_13263007	Ca_kabuli_chr01	13263007	[A/C]	1067290513
Ca_Kabuli_NC_021160.1_13267650	Ca_kabuli_chr01	13267650	[A/C]	1067290514
Ca_Kabuli_NC_021160.1_13365552	Ca_kabuli_chr01	13365552	[T/C]	1067290515
Ca_Kabuli_NC_021160.1_13365564	Ca_kabuli_chr01	13365564	[T/G]	1067290516
Ca_Kabuli_NC_021160.1_13404600	Ca_kabuli_chr01	13404600	[T/G]	1067290517
Ca_Kabuli_NC_021160.1_13501332	Ca_kabuli_chr01	13501332	[A/C]	1067290518
Ca_Kabuli_NC_021160.1_13549635	Ca_kabuli_chr01	13549635	[T/C]	1067290519
Ca_Kabuli_NC_021160.1_13593876	Ca_kabuli_chr01	13593876	[T/C]	1067290520
Ca_Kabuli_NC_021160.1_13596442	Ca_kabuli_chr01	13596442	[T/C]	1067290521
Ca_Kabuli_NC_021160.1_13607447	Ca_kabuli_chr01	13607447	[A/C]	1067290522
Ca_Kabuli_NC_021160.1_13607463	Ca_kabuli_chr01	13607463	[A/G]	1067290523
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Ca_Kabuli_NC_021160.1_13637683	Ca_kabuli_chr01	13637683	[A/C]	1067290525
Ca_Kabuli_NC_021160.1_13637714	Ca_kabuli_chr01	13637714	[A/G]	1067290526
Ca_Kabuli_NC_021160.1_13641192	Ca_kabuli_chr01	13641192	[T/C]	1067290527
Ca_Kabuli_NC_021160.1_13668866	Ca_kabuli_chr01	13668866	[T/G]	1067290528
Ca_Kabuli_NC_021160.1_13679996	Ca_kabuli_chr01	13679996	[A/G]	1067290529
Ca_Kabuli_NC_021160.1_13680008	Ca_kabuli_chr01	13680008	[G/C]	1067290530
Ca_Kabuli_NC_021160.1_13759589	Ca_kabuli_chr01	13759589	[G/C]	1067290531
Ca_Kabuli_NC_021160.1_13828672	Ca_kabuli_chr01	13828672	[A/C]	1067290532
Ca_Kabuli_NC_021160.1_13880760	Ca_kabuli_chr01	13880760	[T/C]	1067290533
Ca_Kabuli_NC_021160.1_13880810	Ca_kabuli_chr01	13880810	[A/G]	1067290534

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_14022915	Ca_kabuli_chr01	14022915	[A/G]	1067290537
Ca_Kabuli_NC_021160.1_14022932	Ca_kabuli_chr01	14022932	[A/C]	1067290538
Ca_Kabuli_NC_021160.1_14023047	Ca_kabuli_chr01	14023047	[A/C]	1067290539
Ca_Kabuli_NC_021160.1_14026370	Ca_kabuli_chr01	14026370	[T/G]	1067290540
Ca_Kabuli_NC_021160.1_14047891	Ca_kabuli_chr01	14047891	[G/A]	1067290541
Ca_Kabuli_NC_021160.1_14047892	Ca_kabuli_chr01	14047892	[A/T]	1067290542
Ca_Kabuli_NC_021160.1_14047896	Ca_kabuli_chr01	14047896	[T/G]	1067290543
Ca_Kabuli_NC_021160.1_14047901	Ca_kabuli_chr01	14047901	[T/C]	1067290544
Ca_Kabuli_NC_021160.1_14076966	Ca_kabuli_chr01	14076966	[T/A]	1067290545
Ca_Kabuli_NC_021160.1_14181789	Ca_kabuli_chr01	14181789	[T/G]	1067290546
Ca_Kabuli_NC_021160.1_14181834	Ca_kabuli_chr01	14181834	[A/C]	1067290547
Ca_Kabuli_NC_021160.1_14207277	Ca_kabuli_chr01	14207277	[G/A]	1067290548
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Ca_Kabuli_NC_021160.1_14240590	Ca_kabuli_chr01	14240590	[T/G]	1067290550
Ca_Kabuli_NC_021160.1_14244545	Ca_kabuli_chr01	14244545	[T/C]	1067290551
Ca_Kabuli_NC_021160.1_14259438	Ca_kabuli_chr01	14259438	[A/C]	1067290552
Ca_Kabuli_NC_021160.1_14282344	Ca_kabuli_chr01	14282344	[A/G]	1067290553
Ca_Kabuli_NC_021160.1_14282377	Ca_kabuli_chr01	14282377	[A/G]	1067290554
Ca_Kabuli_NC_021160.1_14296994	Ca_kabuli_chr01	14296994	[A/C]	1067290555
Ca_Kabuli_NC_021160.1_14296995	Ca_kabuli_chr01	14296995	[G/T]	1067290556
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Ca_Kabuli_NC_021160.1_14390429	Ca_kabuli_chr01	14390429	[T/G]	1067290560
Ca_Kabuli_NC_021160.1_14390430	Ca_kabuli_chr01	14390430	[T/A]	1067290561
Ca_Kabuli_NC_021160.1_14390431	Ca_kabuli_chr01	14390431	[A/T]	1067290562
Ca_Kabuli_NC_021160.1_14405466	Ca_kabuli_chr01	14405466	[C/A]	1067290563
Ca_Kabuli_NC_021160.1_14409571	Ca_kabuli_chr01	14409571	[A/C]	1067290564
Ca_Kabuli_NC_021160.1_14409604	Ca_kabuli_chr01	14409604	[A/C]	1067290565
Ca_Kabuli_NC_021160.1_14410147	Ca_kabuli_chr01	14410147	[A/C]	1067290566
Ca_Kabuli_NC_021160.1_14410862	Ca_kabuli_chr01	14410862	[T/C]	1067290567
Ca_Kabuli_NC_021160.1_14411513	Ca_kabuli_chr01	14411513	[T/G]	1067290568

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_14489208	Ca_kabuli_chr01	14489208	[T/A]	1067290571
Ca_Kabuli_NC_021160.1_14489210	Ca_kabuli_chr01	14489210	[A/C]	1067290572
Ca_Kabuli_NC_021160.1_14489212	Ca_kabuli_chr01	14489212	[T/G]	1067290573
Ca_Kabuli_NC_021160.1_14583058	Ca_kabuli_chr01	14583058	[A/G]	1067290574
Ca_Kabuli_NC_021160.1_14583073	Ca_kabuli_chr01	14583073	[A/C]	1067290575
Ca_Kabuli_NC_021160.1_14583076	Ca_kabuli_chr01	14583076	[A/G]	1067290576
Ca_Kabuli_NC_021160.1_14617743	Ca_kabuli_chr01	14617743	[T/G]	1067290577
Ca_Kabuli_NC_021160.1_14617751	Ca_kabuli_chr01	14617751	[T/A]	1067290578
Ca_Kabuli_NC_021160.1_14617832	Ca_kabuli_chr01	14617832	[T/A]	1067290579
Ca_Kabuli_NC_021160.1_14617834	Ca_kabuli_chr01	14617834	[G/T]	1067290580
Ca_Kabuli_NC_021160.1_14617869	Ca_kabuli_chr01	14617869	[A/C]	1067290581
Ca_Kabuli_NC_021160.1_14623270	Ca_kabuli_chr01	14623270	[C/T]	1067290582
Ca_Kabuli_NC_021160.1_14623271	Ca_kabuli_chr01	14623271	[T/C]	1067290583
Ca_Kabuli_NC_021160.1_14623279	Ca_kabuli_chr01	14623279	[T/G]	1067290584
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Ca_Kabuli_NC_021160.1_14631995	Ca_kabuli_chr01	14631995	[A/C]	1067290586
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Ca_Kabuli_NC_021160.1_14801397	Ca_kabuli_chr01	14801397	[T/C]	1067290588
Ca_Kabuli_NC_021160.1_14801430	Ca_kabuli_chr01	14801430	[A/C]	1067290589
Ca_Kabuli_NC_021160.1_14801444	Ca_kabuli_chr01	14801444	[A/C]	1067290590
Ca_Kabuli_NC_021160.1_14801466	Ca_kabuli_chr01	14801466	[A/G]	1067290591
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Ca_Kabuli_NC_021160.1_14884951	Ca_kabuli_chr01	14884951	[T/A]	1067290593
Ca_Kabuli_NC_021160.1_14911564	Ca_kabuli_chr01	14911564	[A/C]	1067290594
Ca_Kabuli_NC_021160.1_14960025	Ca_kabuli_chr01	14960025	[C/T]	1067290595
Ca_Kabuli_NC_021160.1_15008621	Ca_kabuli_chr01	15008621	[C/A]	1067290596
Ca_Kabuli_NC_021160.1_15008622	Ca_kabuli_chr01	15008622	[A/G]	1067290597
Ca_Kabuli_NC_021160.1_15021857	Ca_kabuli_chr01	15021857	[A/C]	1067290598
Ca_Kabuli_NC_021160.1_15104356	Ca_kabuli_chr01	15104356	[T/G]	1067290599
Ca_Kabuli_NC_021160.1_15108435	Ca_kabuli_chr01	15108435	[T/A]	1067290600
Ca_Kabuli_NC_021160.1_15140980	Ca_kabuli_chr01	15140980	[T/G]	1067290601
Ca_Kabuli_NC_021160.1_15144307	Ca_kabuli_chr01	15144307	[T/C]	1067290602

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_15146104	Ca_kabuli_chr01	15146104	[A/G]	1067290605
Ca_Kabuli_NC_021160.1_15154171	Ca_kabuli_chr01	15154171	[T/G]	1067290606
Ca_Kabuli_NC_021160.1_15167660	Ca_kabuli_chr01	15167660	[A/C]	1067290607
Ca_Kabuli_NC_021160.1_15196079	Ca_kabuli_chr01	15196079	[T/C]	1067290608
Ca_Kabuli_NC_021160.1_15196091	Ca_kabuli_chr01	15196091	[A/C]	1067290609
Ca_Kabuli_NC_021160.1_15233627	Ca_kabuli_chr01	15233627	[C/A]	1067290610
Ca_Kabuli_NC_021160.1_15233628	Ca_kabuli_chr01	15233628	[C/T]	1067290611
Ca_Kabuli_NC_021160.1_15233629	Ca_kabuli_chr01	15233629	[G/C]	1067290612
Ca_Kabuli_NC_021160.1_15233630	Ca_kabuli_chr01	15233630	[G/T]	1067290613
Ca_Kabuli_NC_021160.1_15253222	Ca_kabuli_chr01	15253222	[T/C]	1067290614
Ca_Kabuli_NC_021160.1_15253233	Ca_kabuli_chr01	15253233	[C/A]	1067290615
Ca_Kabuli_NC_021160.1_15253238	Ca_kabuli_chr01	15253238	[G/C]	1067290616
Ca_Kabuli_NC_021160.1_15253243	Ca_kabuli_chr01	15253243	[T/C]	1067290617
Ca_Kabuli_NC_021160.1_15253253	Ca_kabuli_chr01	15253253	[A/G]	1067290618
Ca_Kabuli_NC_021160.1_15253257	Ca_kabuli_chr01	15253257	[A/G]	1067290619
Ca_Kabuli_NC_021160.1_15253261	Ca_kabuli_chr01	15253261	[A/G]	1067290620
Ca_Kabuli_NC_021160.1_15285011	Ca_kabuli_chr01	15285011	[G/T]	1067290621
Ca_Kabuli_NC_021160.1_15291788	Ca_kabuli_chr01	15291788	[T/C]	1067290622
Ca_Kabuli_NC_021160.1_15291832	Ca_kabuli_chr01	15291832	[T/A]	1067290623
Ca_Kabuli_NC_021160.1_15291847	Ca_kabuli_chr01	15291847	[A/G]	1067290624
Ca_Kabuli_NC_021160.1_15373744	Ca_kabuli_chr01	15373744	[C/A]	1067290625
Ca_Kabuli_NC_021160.1_15373745	Ca_kabuli_chr01	15373745	[C/G]	1067290626
Ca_Kabuli_NC_021160.1_15373746	Ca_kabuli_chr01	15373746	[T/A]	1067290627
Ca_Kabuli_NC_021160.1_15493528	Ca_kabuli_chr01	15493528	[T/G]	1067290628
Ca_Kabuli_NC_021160.1_15645681	Ca_kabuli_chr01	15645681	[G/A]	1067290629
Ca_Kabuli_NC_021160.1_15645682	Ca_kabuli_chr01	15645682	[A/T]	1067290630
Ca_Kabuli_NC_021160.1_15645684	Ca_kabuli_chr01	15645684	[C/T]	1067290631
Ca_Kabuli_NC_021160.1_15645685	Ca_kabuli_chr01	15645685	[T/G]	1067290632
Ca_Kabuli_NC_021160.1_15683176	Ca_kabuli_chr01	15683176	[T/C]	1067290633
Ca_Kabuli_NC_021160.1_15799075	Ca_kabuli_chr01	15799075	[T/G]	1067290634
Ca_Kabuli_NC_021160.1_15936187	Ca_kabuli_chr01	15936187	[A/G]	1067290635
Ca_Kabuli_NC_021160.1_15938115	Ca_kabuli_chr01	15938115	[C/A]	1067290636

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_15959355	Ca_kabuli_chr01	15959355	[T/C]	1067290639
Ca_Kabuli_NC_021160.1_15959392	Ca_kabuli_chr01	15959392	[A/C]	1067290640
Ca_Kabuli_NC_021160.1_15959435	Ca_kabuli_chr01	15959435	[G/A]	1067290641
Ca_Kabuli_NC_021160.1_15960425	Ca_kabuli_chr01	15960425	[A/C]	1067290642
Ca_Kabuli_NC_021160.1_15960455	Ca_kabuli_chr01	15960455	[A/G]	1067290643
Ca_Kabuli_NC_021160.1_15960476	Ca_kabuli_chr01	15960476	[T/G]	1067290644
Ca_Kabuli_NC_021160.1_15964019	Ca_kabuli_chr01	15964019	[A/T]	1067290645
Ca_Kabuli_NC_021160.1_15964060	Ca_kabuli_chr01	15964060	[T/A]	1067290646
Ca_Kabuli_NC_021160.1_15965278	Ca_kabuli_chr01	15965278	[A/G]	1067290647
Ca_Kabuli_NC_021160.1_15965367	Ca_kabuli_chr01	15965367	[A/C]	1067290648
Ca_Kabuli_NC_021160.1_16061265	Ca_kabuli_chr01	16061265	[T/G]	1067290649
Ca_Kabuli_NC_021160.1_16114593	Ca_kabuli_chr01	16114593	[A/G]	1067290650
Ca_Kabuli_NC_021160.1_16228094	Ca_kabuli_chr01	16228094	[G/T]	1067290651
Ca_Kabuli_NC_021160.1_16376274	Ca_kabuli_chr01	16376274	[T/A]	1067290652
Ca_Kabuli_NC_021160.1_16385973	Ca_kabuli_chr01	16385973	[T/A]	1067290653
Ca_Kabuli_NC_021160.1_16385979	Ca_kabuli_chr01	16385979	[T/A]	1067290654
Ca_Kabuli_NC_021160.1_16385986	Ca_kabuli_chr01	16385986	[A/C]	1067290655
Ca_Kabuli_NC_021160.1_16386014	Ca_kabuli_chr01	16386014	[A/T]	1067290656
Ca_Kabuli_NC_021160.1_16386016	Ca_kabuli_chr01	16386016	[T/C]	1067290657
Ca_Kabuli_NC_021160.1_16386040	Ca_kabuli_chr01	16386040	[A/C]	1067290658
Ca_Kabuli_NC_021160.1_16386050	Ca_kabuli_chr01	16386050	[T/C]	1067290659
Ca_Kabuli_NC_021160.1_16386063	Ca_kabuli_chr01	16386063	[A/G]	1067290660
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Ca_Kabuli_NC_021160.1_16419482	Ca_kabuli_chr01	16419482	[A/T]	1067290662
Ca_Kabuli_NC_021160.1_16467635	Ca_kabuli_chr01	16467635	[G/T]	1067290663
Ca_Kabuli_NC_021160.1_16509078	Ca_kabuli_chr01	16509078	[T/C]	1067290664
Ca_Kabuli_NC_021160.1_16511324	Ca_kabuli_chr01	16511324	[T/G]	1067290665
Ca_Kabuli_NC_021160.1_16513357	Ca_kabuli_chr01	16513357	[A/G]	1067290666
Ca_Kabuli_NC_021160.1_16526502	Ca_kabuli_chr01	16526502	[T/A]	1067290667
Ca_Kabuli_NC_021160.1_16526608	Ca_kabuli_chr01	16526608	[A/T]	1067290668
Ca_Kabuli_NC_021160.1_16526710	Ca_kabuli_chr01	16526710	[C/A]	1067290669
Ca_Kabuli_NC_021160.1_16527348	Ca_kabuli_chr01	16527348	[C/T]	1067290670



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_16589738	Ca_kabuli_chr01	16589738	[A/G]	1067290673
Ca_Kabuli_NC_021160.1_16589752	Ca_kabuli_chr01	16589752	[A/C]	1067290674
Ca_Kabuli_NC_021160.1_16609370	Ca_kabuli_chr01	16609370	[A/G]	1067290675
Ca_Kabuli_NC_021160.1_16609385	Ca_kabuli_chr01	16609385	[T/C]	1067290676
Ca_Kabuli_NC_021160.1_16609399	Ca_kabuli_chr01	16609399	[A/C]	1067290677
Ca_Kabuli_NC_021160.1_16609410	Ca_kabuli_chr01	16609410	[T/G]	1067290678
Ca_Kabuli_NC_021160.1_16609413	Ca_kabuli_chr01	16609413	[T/C]	1067290679
Ca_Kabuli_NC_021160.1_16614308	Ca_kabuli_chr01	16614308	[A/C]	1067290680
Ca_Kabuli_NC_021160.1_16614769	Ca_kabuli_chr01	16614769	[A/C]	1067290681
Ca_Kabuli_NC_021160.1_16636571	Ca_kabuli_chr01	16636571	[A/C]	1067290682
Ca_Kabuli_NC_021160.1_16636574	Ca_kabuli_chr01	16636574	[A/T]	1067290683
Ca_Kabuli_NC_021160.1_16883186	Ca_kabuli_chr01	16883186	[A/G]	1067290684
Ca_Kabuli_NC_021160.1_16901797	Ca_kabuli_chr01	16901797	[T/G]	1067290685
Ca_Kabuli_NC_021160.1_16908580	Ca_kabuli_chr01	16908580	[T/G]	1067290686
Ca_Kabuli_NC_021160.1_16923207	Ca_kabuli_chr01	16923207	[A/T]	1067290687
Ca_Kabuli_NC_021160.1_16926191	Ca_kabuli_chr01	16926191	[T/G]	1067290688
Ca_Kabuli_NC_021160.1_16933366	Ca_kabuli_chr01	16933366	[A/T]	1067290689
Ca_Kabuli_NC_021160.1_16947273	Ca_kabuli_chr01	16947273	[T/C]	1067290690
Ca_Kabuli_NC_021160.1_16947309	Ca_kabuli_chr01	16947309	[T/G]	1067290691
Ca_Kabuli_NC_021160.1_16947321	Ca_kabuli_chr01	16947321	[T/C]	1067290692
Ca_Kabuli_NC_021160.1_16985736	Ca_kabuli_chr01	16985736	[A/C]	1067290693
Ca_Kabuli_NC_021160.1_17027471	Ca_kabuli_chr01	17027471	[T/C]	1067290694
Ca_Kabuli_NC_021160.1_17027509	Ca_kabuli_chr01	17027509	[T/C]	1067290695
Ca_Kabuli_NC_021160.1_17027523	Ca_kabuli_chr01	17027523	[A/C]	1067290696
Ca_Kabuli_NC_021160.1_17027527	Ca_kabuli_chr01	17027527	[A/G]	1067290697
Ca_Kabuli_NC_021160.1_17027531	Ca_kabuli_chr01	17027531	[A/G]	1067290698
Ca_Kabuli_NC_021160.1_17092346	Ca_kabuli_chr01	17092346	[T/G]	1067290699
Ca_Kabuli_NC_021160.1_17093633	Ca_kabuli_chr01	17093633	[G/A]	1067290700
Ca_Kabuli_NC_021160.1_17093640	Ca_kabuli_chr01	17093640	[T/G]	1067290701
Ca_Kabuli_NC_021160.1_17167022	Ca_kabuli_chr01	17167022	[T/A]	1067290702
Ca_Kabuli_NC_021160.1_17170729	Ca_kabuli_chr01	17170729	[A/C]	1067290703
Ca_Kabuli_NC_021160.1_17182813	Ca_kabuli_chr01	17182813	[A/T]	1067290704

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_17333012	Ca_kabuli_chr01	17333012	[A/C]	1067290708
Ca_Kabuli_NC_021160.1_17333045	Ca_kabuli_chr01	17333045	[A/C]	1067290709
Ca_Kabuli_NC_021160.1_17333054	Ca_kabuli_chr01	17333054	[A/G]	1067290710
Ca_Kabuli_NC_021160.1_17349988	Ca_kabuli_chr01	17349988	[T/A]	1067290711
Ca_Kabuli_NC_021160.1_17359380	Ca_kabuli_chr01	17359380	[A/G]	1067290712
Ca_Kabuli_NC_021160.1_17359685	Ca_kabuli_chr01	17359685	[T/C]	1067290713
Ca_Kabuli_NC_021160.1_17359686	Ca_kabuli_chr01	17359686	[T/C]	1067290714
Ca_Kabuli_NC_021160.1_17359714	Ca_kabuli_chr01	17359714	[A/C]	1067290715
Ca_Kabuli_NC_021160.1_17359716	Ca_kabuli_chr01	17359716	[A/C]	1067290716
Ca_Kabuli_NC_021160.1_17359743	Ca_kabuli_chr01	17359743	[A/G]	1067290717
Ca_Kabuli_NC_021160.1_17363280	Ca_kabuli_chr01	17363280	[A/C]	1067290718
Ca_Kabuli_NC_021160.1_17363352	Ca_kabuli_chr01	17363352	[T/C]	1067290719
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Ca_Kabuli_NC_021160.1_17391875	Ca_kabuli_chr01	17391875	[C/A]	1067290722
Ca_Kabuli_NC_021160.1_17391876	Ca_kabuli_chr01	17391876	[T/G]	1067290723
Ca_Kabuli_NC_021160.1_17400763	Ca_kabuli_chr01	17400763	[T/A]	1067290724
Ca_Kabuli_NC_021160.1_17400780	Ca_kabuli_chr01	17400780	[A/G]	1067290725
Ca_Kabuli_NC_021160.1_17400793	Ca_kabuli_chr01	17400793	[A/G]	1067290726
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Ca_Kabuli_NC_021160.1_17404569	Ca_kabuli_chr01	17404569	[T/C]	1067290735
Ca_Kabuli_NC_021160.1_17404571	Ca_kabuli_chr01	17404571	[A/G]	1067290736
Ca_Kabuli_NC_021160.1_17404587	Ca_kabuli_chr01	17404587	[T/C]	1067290737
Ca_Kabuli_NC_021160.1_17404600	Ca_kabuli_chr01	17404600	[C/A]	1067290738

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_17458129	Ca_kabuli_chr01	17458129	[T/A]	1067290742
Ca_Kabuli_NC_021160.1_17462446	Ca_kabuli_chr01	17462446	[C/T]	1067290743
Ca_Kabuli_NC_021160.1_17462461	Ca_kabuli_chr01	17462461	[G/A]	1067290744
Ca_Kabuli_NC_021160.1_17462468	Ca_kabuli_chr01	17462468	[T/C]	1067290745
Ca_Kabuli_NC_021160.1_17462494	Ca_kabuli_chr01	17462494	[A/T]	1067290746
Ca_Kabuli_NC_021160.1_17462593	Ca_kabuli_chr01	17462593	[A/G]	1067290747
Ca_Kabuli_NC_021160.1_17522357	Ca_kabuli_chr01	17522357	[G/C]	1067290748
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Ca_Kabuli_NC_021160.1_17571776	Ca_kabuli_chr01	17571776	[T/C]	1067290764
Ca_Kabuli_NC_021160.1_17571793	Ca_kabuli_chr01	17571793	[T/G]	1067290765
Ca_Kabuli_NC_021160.1_17571806	Ca_kabuli_chr01	17571806	[A/G]	1067290766
Ca_Kabuli_NC_021160.1_17576835	Ca_kabuli_chr01	17576835	[A/C]	1067290767
Ca_Kabuli_NC_021160.1_17590658	Ca_kabuli_chr01	17590658	[A/G]	1067290768
Ca_Kabuli_NC_021160.1_17653519	Ca_kabuli_chr01	17653519	[T/C]	1067290769
Ca_Kabuli_NC_021160.1_17653537	Ca_kabuli_chr01	17653537	[A/G]	1067290770
Ca_Kabuli_NC_021160.1_17653549	Ca_kabuli_chr01	17653549	[T/G]	1067290771
Ca_Kabuli_NC_021160.1_17653552	Ca_kabuli_chr01	17653552	[T/G]	1067290772

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_17706867	Ca_kabuli_chr01	17706867	[T/C]	1067290775
Ca_Kabuli_NC_021160.1_17706889	Ca_kabuli_chr01	17706889	[A/G]	1067290776
Ca_Kabuli_NC_021160.1_17759272	Ca_kabuli_chr01	17759272	[A/G]	1067290777
Ca_Kabuli_NC_021160.1_17761284	Ca_kabuli_chr01	17761284	[A/G]	1067290778
Ca_Kabuli_NC_021160.1_17761393	Ca_kabuli_chr01	17761393	[A/G]	1067290779
Ca_Kabuli_NC_021160.1_17763486	Ca_kabuli_chr01	17763486	[T/G]	1067290780
Ca_Kabuli_NC_021160.1_17763492	Ca_kabuli_chr01	17763492	[T/G]	1067290781
Ca_Kabuli_NC_021160.1_17763498	Ca_kabuli_chr01	17763498	[T/C]	1067290782
Ca_Kabuli_NC_021160.1_17778537	Ca_kabuli_chr01	17778537	[T/G]	1067290783
Ca_Kabuli_NC_021160.1_17799607	Ca_kabuli_chr01	17799607	[C/A]	1067290784
Ca_Kabuli_NC_021160.1_17799615	Ca_kabuli_chr01	17799615	[A/G]	1067290785
Ca_Kabuli_NC_021160.1_17799621	Ca_kabuli_chr01	17799621	[A/G]	1067290786
Ca_Kabuli_NC_021160.1_17799635	Ca_kabuli_chr01	17799635	[A/G]	1067290787
Ca_Kabuli_NC_021160.1_17820791	Ca_kabuli_chr01	17820791	[A/G]	1067290788
Ca_Kabuli_NC_021160.1_17866910	Ca_kabuli_chr01	17866910	[T/G]	1067290789
Ca_Kabuli_NC_021160.1_17866946	Ca_kabuli_chr01	17866946	[C/G]	1067290790
Ca_Kabuli_NC_021160.1_17867617	Ca_kabuli_chr01	17867617	[A/C]	1067290791
Ca_Kabuli_NC_021160.1_17961745	Ca_kabuli_chr01	17961745	[C/A]	1067290792
Ca_Kabuli_NC_021160.1_17961746	Ca_kabuli_chr01	17961746	[A/G]	1067290793
Ca_Kabuli_NC_021160.1_17983266	Ca_kabuli_chr01	17983266	[A/G]	1067290794
Ca_Kabuli_NC_021160.1_17983298	Ca_kabuli_chr01	17983298	[T/G]	1067290795
Ca_Kabuli_NC_021160.1_17983306	Ca_kabuli_chr01	17983306	[T/G]	1067290796
Ca_Kabuli_NC_021160.1_17983310	Ca_kabuli_chr01	17983310	[T/G]	1067290797
Ca_Kabuli_NC_021160.1_18015870	Ca_kabuli_chr01	18015870	[T/G]	1067290798
Ca_Kabuli_NC_021160.1_18017331	Ca_kabuli_chr01	18017331	[A/G]	1067290799
Ca_Kabuli_NC_021160.1_18068251	Ca_kabuli_chr01	18068251	[A/C]	1067290800
Ca_Kabuli_NC_021160.1_18085174	Ca_kabuli_chr01	18085174	[T/G]	1067290801
Ca_Kabuli_NC_021160.1_18092984	Ca_kabuli_chr01	18092984	[T/C]	1067290802
Ca_Kabuli_NC_021160.1_18093009	Ca_kabuli_chr01	18093009	[T/C]	1067290803
Ca_Kabuli_NC_021160.1_18093020	Ca_kabuli_chr01	18093020	[T/G]	1067290804
Ca_Kabuli_NC_021160.1_18098525	Ca_kabuli_chr01	18098525	[T/C]	1067290805
Ca_Kabuli_NC_021160.1_18098574	Ca_kabuli_chr01	18098574	[A/T]	1067290806

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_18137673	Ca_kabuli_chr01	18137673	[A/G]	1067290808
Ca_Kabuli_NC_021160.1_18156778	Ca_kabuli_chr01	18156778	[T/C]	1067290809
Ca_Kabuli_NC_021160.1_18156837	Ca_kabuli_chr01	18156837	[A/C]	1067290810
Ca_Kabuli_NC_021160.1_18172904	Ca_kabuli_chr01	18172904	[T/C]	1067290811
Ca_Kabuli_NC_021160.1_18172944	Ca_kabuli_chr01	18172944	[T/G]	1067290812
Ca_Kabuli_NC_021160.1_18371385	Ca_kabuli_chr01	18371385	[C/A]	1067290813
Ca_Kabuli_NC_021160.1_18460647	Ca_kabuli_chr01	18460647	[A/C]	1067290814
Ca_Kabuli_NC_021160.1_18503993	Ca_kabuli_chr01	18503993	[A/C]	1067290815
Ca_Kabuli_NC_021160.1_18504001	Ca_kabuli_chr01	18504001	[A/C]	1067290816
Ca_Kabuli_NC_021160.1_18745989	Ca_kabuli_chr01	18745989	[T/G]	1067290817
Ca_Kabuli_NC_021160.1_18748594	Ca_kabuli_chr01	18748594	[C/A]	1067290818
Ca_Kabuli_NC_021160.1_18748595	Ca_kabuli_chr01	18748595	[C/G]	1067290819
Ca_Kabuli_NC_021160.1_18748596	Ca_kabuli_chr01	18748596	[G/A]	1067290820
Ca_Kabuli_NC_021160.1_18764083	Ca_kabuli_chr01	18764083	[T/A]	1067290821
Ca_Kabuli_NC_021160.1_18764113	Ca_kabuli_chr01	18764113	[A/G]	1067290822
Ca_Kabuli_NC_021160.1_18765875	Ca_kabuli_chr01	18765875	[A/G]	1067290823
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Ca_Kabuli_NC_021160.1_18771081	Ca_kabuli_chr01	18771081	[T/G]	1067290825
Ca_Kabuli_NC_021160.1_18784103	Ca_kabuli_chr01	18784103	[A/C]	1067290826
Ca_Kabuli_NC_021160.1_18784153	Ca_kabuli_chr01	18784153	[A/G]	1067290827
Ca_Kabuli_NC_021160.1_18784172	Ca_kabuli_chr01	18784172	[A/C]	1067290828
Ca_Kabuli_NC_021160.1_18797833	Ca_kabuli_chr01	18797833	[C/A]	1067290829
Ca_Kabuli_NC_021160.1_18835334	Ca_kabuli_chr01	18835334	[T/C]	1067290830
Ca_Kabuli_NC_021160.1_19165710	Ca_kabuli_chr01	19165710	[C/A]	1067290831
Ca_Kabuli_NC_021160.1_19165714	Ca_kabuli_chr01	19165714	[T/A]	1067290832
Ca_Kabuli_NC_021160.1_19165715	Ca_kabuli_chr01	19165715	[C/A]	1067290833
Ca_Kabuli_NC_021160.1_19209701	Ca_kabuli_chr01	19209701	[T/A]	1067290834
Ca_Kabuli_NC_021160.1_19252764	Ca_kabuli_chr01	19252764	[T/G]	1067290835
Ca_Kabuli_NC_021160.1_19252846	Ca_kabuli_chr01	19252846	[A/G]	1067290836
Ca_Kabuli_NC_021160.1_19252879	Ca_kabuli_chr01	19252879	[A/G]	1067290837
Ca_Kabuli_NC_021160.1_19254161	Ca_kabuli_chr01	19254161	[A/G]	1067290838
Ca_Kabuli_NC_021160.1_19359812	Ca_kabuli_chr01	19359812	[A/C]	1067290839
Ca_Kabuli_NC_021160.1_19360048	Ca_kabuli_chr01	19360048	[A/G]	1067290840

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_19876064	Ca_kabuli_chr01	19876064	[T/G]	1067290843
Ca_Kabuli_NC_021160.1_19902827	Ca_kabuli_chr01	19902827	[T/A]	1067290844
Ca_Kabuli_NC_021160.1_20005201	Ca_kabuli_chr01	20005201	[T/A]	1067290845
Ca_Kabuli_NC_021160.1_20056368	Ca_kabuli_chr01	20056368	[A/C]	1067290846
Ca_Kabuli_NC_021160.1_20070148	Ca_kabuli_chr01	20070148	[A/G]	1067290847
Ca_Kabuli_NC_021160.1_20070159	Ca_kabuli_chr01	20070159	[T/G]	1067290848
Ca_Kabuli_NC_021160.1_20070197	Ca_kabuli_chr01	20070197	[T/A]	1067290849
Ca_Kabuli_NC_021160.1_20091291	Ca_kabuli_chr01	20091291	[T/G]	1067290850
Ca_Kabuli_NC_021160.1_20092567	Ca_kabuli_chr01	20092567	[T/C]	1067290851
Ca_Kabuli_NC_021160.1_20107182	Ca_kabuli_chr01	20107182	[G/A]	1067290852
Ca_Kabuli_NC_021160.1_20113713	Ca_kabuli_chr01	20113713	[T/C]	1067290853
Ca_Kabuli_NC_021160.1_21739090	Ca_kabuli_chr01	21739090	[T/C]	1067290854
Ca_Kabuli_NC_021160.1_21739123	Ca_kabuli_chr01	21739123	[A/G]	1067290855
Ca_Kabuli_NC_021160.1_21739125	Ca_kabuli_chr01	21739125	[T/C]	1067290856
Ca_Kabuli_NC_021160.1_21739126	Ca_kabuli_chr01	21739126	[G/T]	1067290857
Ca_Kabuli_NC_021160.1_21739129	Ca_kabuli_chr01	21739129	[C/T]	1067290858
Ca_Kabuli_NC_021160.1_21739425	Ca_kabuli_chr01	21739425	[A/T]	1067290859
Ca_Kabuli_NC_021160.1_21749813	Ca_kabuli_chr01	21749813	[G/A]	1067290860
Ca_Kabuli_NC_021160.1_21822951	Ca_kabuli_chr01	21822951	[A/G]	1067290861
Ca_Kabuli_NC_021160.1_21822958	Ca_kabuli_chr01	21822958	[A/G]	1067290862
Ca_Kabuli_NC_021160.1_21917899	Ca_kabuli_chr01	21917899	[A/G]	1067290863
Ca_Kabuli_NC_021160.1_22369879	Ca_kabuli_chr01	22369879	[T/C]	1067290864
Ca_Kabuli_NC_021160.1_22369882	Ca_kabuli_chr01	22369882	[A/G]	1067290865
Ca_Kabuli_NC_021160.1_22369908	Ca_kabuli_chr01	22369908	[A/T]	1067290866
Ca_Kabuli_NC_021160.1_22433014	Ca_kabuli_chr01	22433014	[T/G]	1067290867
Ca_Kabuli_NC_021160.1_22433020	Ca_kabuli_chr01	22433020	[A/C]	1067290868
Ca_Kabuli_NC_021160.1_22433050	Ca_kabuli_chr01	22433050	[A/G]	1067290869
Ca_Kabuli_NC_021160.1_22465218	Ca_kabuli_chr01	22465218	[T/C]	1067290870
Ca_Kabuli_NC_021160.1_22465224	Ca_kabuli_chr01	22465224	[A/C]	1067290871
Ca_Kabuli_NC_021160.1_22465269	Ca_kabuli_chr01	22465269	[A/G]	1067290872
Ca_Kabuli_NC_021160.1_22465279	Ca_kabuli_chr01	22465279	[T/A]	1067290873
Ca_Kabuli_NC_021160.1_22465582	Ca_kabuli_chr01	22465582	[A/T]	1067290874

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_22744673	Ca_kabuli_chr01	22744673	[A/C]	1067290877
Ca_Kabuli_NC_021160.1_22744691	Ca_kabuli_chr01	22744691	[A/G]	1067290878
Ca_Kabuli_NC_021160.1_23147204	Ca_kabuli_chr01	23147204	[T/C]	1067290879
Ca_Kabuli_NC_021160.1_23148736	Ca_kabuli_chr01	23148736	[A/C]	1067290880
Ca_Kabuli_NC_021160.1_23148858	Ca_kabuli_chr01	23148858	[A/G]	1067290881
Ca_Kabuli_NC_021160.1_23149053	Ca_kabuli_chr01	23149053	[G/A]	1067290882
Ca_Kabuli_NC_021160.1_23149096	Ca_kabuli_chr01	23149096	[A/G]	1067290883
Ca_Kabuli_NC_021160.1_23155387	Ca_kabuli_chr01	23155387	[T/C]	1067290884
Ca_Kabuli_NC_021160.1_23155450	Ca_kabuli_chr01	23155450	[A/G]	1067290885
Ca_Kabuli_NC_021160.1_23558999	Ca_kabuli_chr01	23558999	[A/T]	1067290886
Ca_Kabuli_NC_021160.1_23602532	Ca_kabuli_chr01	23602532	[A/C]	1067290887
Ca_Kabuli_NC_021160.1_23885558	Ca_kabuli_chr01	23885558	[T/G]	1067290888
Ca_Kabuli_NC_021160.1_23885577	Ca_kabuli_chr01	23885577	[C/G]	1067290889
Ca_Kabuli_NC_021160.1_24070339	Ca_kabuli_chr01	24070339	[T/A]	1067290890
Ca_Kabuli_NC_021160.1_24070476	Ca_kabuli_chr01	24070476	[A/G]	1067290891
Ca_Kabuli_NC_021160.1_24070485	Ca_kabuli_chr01	24070485	[A/G]	1067290892
Ca_Kabuli_NC_021160.1_24070557	Ca_kabuli_chr01	24070557	[T/C]	1067290893
Ca_Kabuli_NC_021160.1_24070595	Ca_kabuli_chr01	24070595	[T/C]	1067290894
Ca_Kabuli_NC_021160.1_24070851	Ca_kabuli_chr01	24070851	[T/C]	1067290895
Ca_Kabuli_NC_021160.1_24070917	Ca_kabuli_chr01	24070917	[A/G]	1067290896
Ca_Kabuli_NC_021160.1_24070982	Ca_kabuli_chr01	24070982	[T/C]	1067290897
Ca_Kabuli_NC_021160.1_24072521	Ca_kabuli_chr01	24072521	[T/G]	1067290898
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Ca_Kabuli_NC_021160.1_24247596	Ca_kabuli_chr01	24247596	[T/C]	1067290902
Ca_Kabuli_NC_021160.1_24450415	Ca_kabuli_chr01	24450415	[T/C]	1067290903
Ca_Kabuli_NC_021160.1_24450483	Ca_kabuli_chr01	24450483	[T/G]	1067290904
Ca_Kabuli_NC_021160.1_24450511	Ca_kabuli_chr01	24450511	[A/G]	1067290905
Ca_Kabuli_NC_021160.1_24505912	Ca_kabuli_chr01	24505912	[T/G]	1067290906
Ca_Kabuli_NC_021160.1_24560013	Ca_kabuli_chr01	24560013	[A/C]	1067290907
Ca_Kabuli_NC_021160.1_24658542	Ca_kabuli_chr01	24658542	[T/G]	1067290908

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_24845112	Ca_kabuli_chr01	24845112	[A/C]	1067290910
Ca_Kabuli_NC_021160.1_24845135	Ca_kabuli_chr01	24845135	[T/G]	1067290911
Ca_Kabuli_NC_021160.1_24868038	Ca_kabuli_chr01	24868038	[T/A]	1067290912
Ca_Kabuli_NC_021160.1_24983868	Ca_kabuli_chr01	24983868	[A/T]	1067290913
Ca_Kabuli_NC_021160.1_24983895	Ca_kabuli_chr01	24983895	[T/C]	1067290914
Ca_Kabuli_NC_021160.1_24984524	Ca_kabuli_chr01	24984524	[T/A]	1067290915
Ca_Kabuli_NC_021160.1_24984532	Ca_kabuli_chr01	24984532	[A/T]	1067290916
Ca_Kabuli_NC_021160.1_24984538	Ca_kabuli_chr01	24984538	[A/C]	1067290917
Ca_Kabuli_NC_021160.1_24984614	Ca_kabuli_chr01	24984614	[A/G]	1067290918
Ca_Kabuli_NC_021160.1_25060354	Ca_kabuli_chr01	25060354	[A/C]	1067290919
Ca_Kabuli_NC_021160.1_25176176	Ca_kabuli_chr01	25176176	[T/C]	1067290920
Ca_Kabuli_NC_021160.1_25176210	Ca_kabuli_chr01	25176210	[A/G]	1067290921
Ca_Kabuli_NC_021160.1_25176218	Ca_kabuli_chr01	25176218	[A/G]	1067290922
Ca_Kabuli_NC_021160.1_25664814	Ca_kabuli_chr01	25664814	[T/C]	1067290923
Ca_Kabuli_NC_021160.1_25733402	Ca_kabuli_chr01	25733402	[T/C]	1067290924
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Ca_Kabuli_NC_021160.1_26769028	Ca_kabuli_chr01	26769028	[T/G]	1067290934
Ca_Kabuli_NC_021160.1_26769098	Ca_kabuli_chr01	26769098	[A/C]	1067290935
Ca_Kabuli_NC_021160.1_26807402	Ca_kabuli_chr01	26807402	[C/A]	1067290936
Ca_Kabuli_NC_021160.1_26807403	Ca_kabuli_chr01	26807403	[T/C]	1067290937
Ca_Kabuli_NC_021160.1_26807421	Ca_kabuli_chr01	26807421	[A/C]	1067290938
Ca_Kabuli_NC_021160.1_26921411	Ca_kabuli_chr01	26921411	[A/G]	1067290939
Ca_Kabuli_NC_021160.1_26921421	Ca_kabuli_chr01	26921421	[T/C]	1067290940
Ca_Kabuli_NC_021160.1_26922011	Ca_kabuli_chr01	26922011	[T/G]	1067290941
Ca_Kabuli_NC_021160.1_26922027	Ca_kabuli_chr01	26922027	[T/G]	1067290942



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_26974025	Ca_kabuli_chr01	26974025	[T/G]	1067290945
Ca_Kabuli_NC_021160.1_26974090	Ca_kabuli_chr01	26974090	[A/G]	1067290946
Ca_Kabuli_NC_021160.1_27012643	Ca_kabuli_chr01	27012643	[A/T]	1067290947
Ca_Kabuli_NC_021160.1_27012644	Ca_kabuli_chr01	27012644	[A/C]	1067290948
Ca_Kabuli_NC_021160.1_27012645	Ca_kabuli_chr01	27012645	[G/T]	1067290949
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Ca_Kabuli_NC_021160.1_27017560	Ca_kabuli_chr01	27017560	[A/G]	1067290951
Ca_Kabuli_NC_021160.1_27017570	Ca_kabuli_chr01	27017570	[A/G]	1067290952
Ca_Kabuli_NC_021160.1_27017606	Ca_kabuli_chr01	27017606	[C/T]	1067290953
Ca_Kabuli_NC_021160.1_27252494	Ca_kabuli_chr01	27252494	[T/C]	1067290954
Ca_Kabuli_NC_021160.1_27252495	Ca_kabuli_chr01	27252495	[A/T]	1067290955
Ca_Kabuli_NC_021160.1_27618900	Ca_kabuli_chr01	27618900	[T/G]	1067290956
Ca_Kabuli_NC_021160.1_27745471	Ca_kabuli_chr01	27745471	[C/T]	1067290957
Ca_Kabuli_NC_021160.1_27831051	Ca_kabuli_chr01	27831051	[G/T]	1067290958
Ca_Kabuli_NC_021160.1_27831071	Ca_kabuli_chr01	27831071	[G/A]	1067290959
Ca_Kabuli_NC_021160.1_28065106	Ca_kabuli_chr01	28065106	[A/T]	1067290960
Ca_Kabuli_NC_021160.1_28065140	Ca_kabuli_chr01	28065140	[C/T]	1067290961
Ca_Kabuli_NC_021160.1_28073495	Ca_kabuli_chr01	28073495	[A/G]	1067290962
Ca_Kabuli_NC_021160.1_28074557	Ca_kabuli_chr01	28074557	[T/A]	1067290963
Ca_Kabuli_NC_021160.1_28082758	Ca_kabuli_chr01	28082758	[C/T]	1067290964
Ca_Kabuli_NC_021160.1_28088369	Ca_kabuli_chr01	28088369	[C/A]	1067290965
Ca_Kabuli_NC_021160.1_28088501	Ca_kabuli_chr01	28088501	[T/C]	1067290966
Ca_Kabuli_NC_021160.1_28207010	Ca_kabuli_chr01	28207010	[A/T]	1067290967
Ca_Kabuli_NC_021160.1_28208813	Ca_kabuli_chr01	28208813	[T/C]	1067290968
Ca_Kabuli_NC_021160.1_28209985	Ca_kabuli_chr01	28209985	[A/G]	1067290969
Ca_Kabuli_NC_021160.1_28343923	Ca_kabuli_chr01	28343923	[T/G]	1067290970
Ca_Kabuli_NC_021160.1_28377349	Ca_kabuli_chr01	28377349	[C/A]	1067290971
Ca_Kabuli_NC_021160.1_28379428	Ca_kabuli_chr01	28379428	[A/C]	1067290972
Ca_Kabuli_NC_021160.1_28379447	Ca_kabuli_chr01	28379447	[T/A]	1067290973
Ca_Kabuli_NC_021160.1_28404490	Ca_kabuli_chr01	28404490	[A/T]	1067290974
Ca_Kabuli_NC_021160.1_28404500	Ca_kabuli_chr01	28404500	[T/C]	1067290975
Ca_Kabuli_NC_021160.1_28404515	Ca_kabuli_chr01	28404515	[A/C]	1067290976

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_28472701	Ca_kabuli_chr01	28472701	[T/G]	1067290978
Ca_Kabuli_NC_021160.1_28472705	Ca_kabuli_chr01	28472705	[G/A]	1067290979
Ca_Kabuli_NC_021160.1_28473940	Ca_kabuli_chr01	28473940	[T/C]	1067290980
Ca_Kabuli_NC_021160.1_28656143	Ca_kabuli_chr01	28656143	[T/G]	1067290981
Ca_Kabuli_NC_021160.1_28656167	Ca_kabuli_chr01	28656167	[C/G]	1067290982
Ca_Kabuli_NC_021160.1_28656179	Ca_kabuli_chr01	28656179	[A/G]	1067290983
Ca_Kabuli_NC_021160.1_28684536	Ca_kabuli_chr01	28684536	[A/C]	1067290984
Ca_Kabuli_NC_021160.1_28684574	Ca_kabuli_chr01	28684574	[A/C]	1067290985
Ca_Kabuli_NC_021160.1_28684627	Ca_kabuli_chr01	28684627	[T/G]	1067290986
Ca_Kabuli_NC_021160.1_28684637	Ca_kabuli_chr01	28684637	[A/G]	1067290987
Ca_Kabuli_NC_021160.1_28788675	Ca_kabuli_chr01	28788675	[T/G]	1067290988
Ca_Kabuli_NC_021160.1_28790140	Ca_kabuli_chr01	28790140	[A/C]	1067290989
Ca_Kabuli_NC_021160.1_28832901	Ca_kabuli_chr01	28832901	[A/C]	1067290990
Ca_Kabuli_NC_021160.1_28849194	Ca_kabuli_chr01	28849194	[T/C]	1067290991
Ca_Kabuli_NC_021160.1_29056015	Ca_kabuli_chr01	29056015	[A/G]	1067290992
Ca_Kabuli_NC_021160.1_29138250	Ca_kabuli_chr01	29138250	[A/G]	1067290993
Ca_Kabuli_NC_021160.1_29171283	Ca_kabuli_chr01	29171283	[T/G]	1067290994
Ca_Kabuli_NC_021160.1_29171293	Ca_kabuli_chr01	29171293	[A/G]	1067290995
Ca_Kabuli_NC_021160.1_29215364	Ca_kabuli_chr01	29215364	[C/A]	1067290996
Ca_Kabuli_NC_021160.1_30226559	Ca_kabuli_chr01	30226559	[T/C]	1067290997
Ca_Kabuli_NC_021160.1_30227916	Ca_kabuli_chr01	30227916	[T/G]	1067290998
Ca_Kabuli_NC_021160.1_30227929	Ca_kabuli_chr01	30227929	[A/G]	1067290999
Ca_Kabuli_NC_021160.1_30232233	Ca_kabuli_chr01	30232233	[T/C]	1067291000
Ca_Kabuli_NC_021160.1_30637112	Ca_kabuli_chr01	30637112	[A/T]	1067291001
Ca_Kabuli_NC_021160.1_30641066	Ca_kabuli_chr01	30641066	[A/C]	1067291002
Ca_Kabuli_NC_021160.1_30990317	Ca_kabuli_chr01	30990317	[G/A]	1067291003
Ca_Kabuli_NC_021160.1_31091042	Ca_kabuli_chr01	31091042	[A/G]	1067291004
Ca_Kabuli_NC_021160.1_31091093	Ca_kabuli_chr01	31091093	[A/G]	1067291005
Ca_Kabuli_NC_021160.1_31091097	Ca_kabuli_chr01	31091097	[C/G]	1067291006
Ca_Kabuli_NC_021160.1_31136007	Ca_kabuli_chr01	31136007	[C/T]	1067291007
Ca_Kabuli_NC_021160.1_31393408	Ca_kabuli_chr01	31393408	[A/T]	1067291008
Ca_Kabuli_NC_021160.1_31528988	Ca_kabuli_chr01	31528988	[C/A]	1067291009
Ca_Kabuli_NC_021160.1_31528989	Ca_kabuli_chr01	31528989	[T/G]	1067291010

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_31535245	Ca_kabuli_chr01	31535245	[T/A]	1067291013
Ca_Kabuli_NC_021160.1_31535330	Ca_kabuli_chr01	31535330	[T/G]	1067291014
Ca_Kabuli_NC_021160.1_31535331	Ca_kabuli_chr01	31535331	[A/T]	1067291015
Ca_Kabuli_NC_021160.1_31535332	Ca_kabuli_chr01	31535332	[A/T]	1067291016
Ca_Kabuli_NC_021160.1_31590263	Ca_kabuli_chr01	31590263	[C/G]	1067291017
Ca_Kabuli_NC_021160.1_31640687	Ca_kabuli_chr01	31640687	[T/C]	1067291018
Ca_Kabuli_NC_021160.1_32081147	Ca_kabuli_chr01	32081147	[C/A]	1067291019
Ca_Kabuli_NC_021160.1_32280752	Ca_kabuli_chr01	32280752	[A/T]	1067291020
Ca_Kabuli_NC_021160.1_32286505	Ca_kabuli_chr01	32286505	[G/A]	1067291021
Ca_Kabuli_NC_021160.1_32286506	Ca_kabuli_chr01	32286506	[A/C]	1067291022
Ca_Kabuli_NC_021160.1_32467929	Ca_kabuli_chr01	32467929	[G/A]	1067291023
Ca_Kabuli_NC_021160.1_32467954	Ca_kabuli_chr01	32467954	[A/C]	1067291024
Ca_Kabuli_NC_021160.1_33186572	Ca_kabuli_chr01	33186572	[A/G]	1067291025
Ca_Kabuli_NC_021160.1_33186629	Ca_kabuli_chr01	33186629	[T/C]	1067291026
Ca_Kabuli_NC_021160.1_33372256	Ca_kabuli_chr01	33372256	[C/T]	1067291027
Ca_Kabuli_NC_021160.1_33695857	Ca_kabuli_chr01	33695857	[A/G]	1067291028
Ca_Kabuli_NC_021160.1_33696064	Ca_kabuli_chr01	33696064	[T/A]	1067291029
Ca_Kabuli_NC_021160.1_33696065	Ca_kabuli_chr01	33696065	[C/T]	1067291030
Ca_Kabuli_NC_021160.1_33696066	Ca_kabuli_chr01	33696066	[T/G]	1067291031
Ca_Kabuli_NC_021160.1_34161921	Ca_kabuli_chr01	34161921	[G/A]	1067291032
Ca_Kabuli_NC_021160.1_34272001	Ca_kabuli_chr01	34272001	[C/G]	1067291033
Ca_Kabuli_NC_021160.1_34272024	Ca_kabuli_chr01	34272024	[A/G]	1067291034
Ca_Kabuli_NC_021160.1_34272025	Ca_kabuli_chr01	34272025	[A/G]	1067291035
Ca_Kabuli_NC_021160.1_34309435	Ca_kabuli_chr01	34309435	[A/G]	1067291036
Ca_Kabuli_NC_021160.1_34324590	Ca_kabuli_chr01	34324590	[A/T]	1067291037
Ca_Kabuli_NC_021160.1_34324635	Ca_kabuli_chr01	34324635	[A/T]	1067291038
Ca_Kabuli_NC_021160.1_34324641	Ca_kabuli_chr01	34324641	[A/G]	1067291039
Ca_Kabuli_NC_021160.1_34355775	Ca_kabuli_chr01	34355775	[T/G]	1067291040
Ca_Kabuli_NC_021160.1_34403069	Ca_kabuli_chr01	34403069	[T/C]	1067291041
Ca_Kabuli_NC_021160.1_34476088	Ca_kabuli_chr01	34476088	[T/C]	1067291042
Ca_Kabuli_NC_021160.1_34476185	Ca_kabuli_chr01	34476185	[T/A]	1067291043
Ca_Kabuli_NC_021160.1_34513857	Ca_kabuli_chr01	34513857	[T/C]	1067291044

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_34867480	Ca_kabuli_chr01	34867480	[T/G]	1067291047
Ca_Kabuli_NC_021160.1_34911011	Ca_kabuli_chr01	34911011	[T/C]	1067291048
Ca_Kabuli_NC_021160.1_34911033	Ca_kabuli_chr01	34911033	[T/G]	1067291049
Ca_Kabuli_NC_021160.1_34949071	Ca_kabuli_chr01	34949071	[T/C]	1067291050
Ca_Kabuli_NC_021160.1_34950909	Ca_kabuli_chr01	34950909	[T/G]	1067291051
Ca_Kabuli_NC_021160.1_34975381	Ca_kabuli_chr01	34975381	[A/G]	1067291052
Ca_Kabuli_NC_021160.1_34975385	Ca_kabuli_chr01	34975385	[T/C]	1067291053
Ca_Kabuli_NC_021160.1_34975398	Ca_kabuli_chr01	34975398	[C/T]	1067291054
Ca_Kabuli_NC_021160.1_34979124	Ca_kabuli_chr01	34979124	[T/G]	1067291055
Ca_Kabuli_NC_021160.1_35041275	Ca_kabuli_chr01	35041275	[C/T]	1067291056
Ca_Kabuli_NC_021160.1_35041283	Ca_kabuli_chr01	35041283	[T/C]	1067291057
Ca_Kabuli_NC_021160.1_35260260	Ca_kabuli_chr01	35260260	[A/G]	1067291058
Ca_Kabuli_NC_021160.1_35260363	Ca_kabuli_chr01	35260363	[G/A]	1067291059
Ca_Kabuli_NC_021160.1_35260396	Ca_kabuli_chr01	35260396	[T/G]	1067291060
Ca_Kabuli_NC_021160.1_35708846	Ca_kabuli_chr01	35708846	[T/C]	1067291061
Ca_Kabuli_NC_021160.1_35708882	Ca_kabuli_chr01	35708882	[A/C]	1067291062
Ca_Kabuli_NC_021160.1_35708891	Ca_kabuli_chr01	35708891	[A/T]	1067291063
Ca_Kabuli_NC_021160.1_36094441	Ca_kabuli_chr01	36094441	[T/C]	1067291064
Ca_Kabuli_NC_021160.1_36362260	Ca_kabuli_chr01	36362260	[T/A]	1067291065
Ca_Kabuli_NC_021160.1_36362281	Ca_kabuli_chr01	36362281	[T/C]	1067291066
Ca_Kabuli_NC_021160.1_36362302	Ca_kabuli_chr01	36362302	[T/C]	1067291067
Ca_Kabuli_NC_021160.1_36362304	Ca_kabuli_chr01	36362304	[G/T]	1067291068
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Ca_Kabuli_NC_021160.1_36408325	Ca_kabuli_chr01	36408325	[T/A]	1067291070
Ca_Kabuli_NC_021160.1_36408358	Ca_kabuli_chr01	36408358	[A/C]	1067291071
Ca_Kabuli_NC_021160.1_36633911	Ca_kabuli_chr01	36633911	[A/G]	1067291072
Ca_Kabuli_NC_021160.1_36633917	Ca_kabuli_chr01	36633917	[A/G]	1067291073
Ca_Kabuli_NC_021160.1_36633956	Ca_kabuli_chr01	36633956	[A/G]	1067291074
Ca_Kabuli_NC_021160.1_36679586	Ca_kabuli_chr01	36679586	[A/G]	1067291075
Ca_Kabuli_NC_021160.1_37355995	Ca_kabuli_chr01	37355995	[T/G]	1067291076
Ca_Kabuli_NC_021160.1_37356085	Ca_kabuli_chr01	37356085	[T/C]	1067291077
Ca_Kabuli_NC_021160.1_37356089	Ca_kabuli_chr01	37356089	[T/G]	1067291078

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_37608120	Ca_kabuli_chr01	37608120	[A/G]	1067291081
Ca_Kabuli_NC_021160.1_37648716	Ca_kabuli_chr01	37648716	[A/C]	1067291082
Ca_Kabuli_NC_021160.1_37648729	Ca_kabuli_chr01	37648729	[A/G]	1067291083
Ca_Kabuli_NC_021160.1_37654055	Ca_kabuli_chr01	37654055	[T/C]	1067291084
Ca_Kabuli_NC_021160.1_37658162	Ca_kabuli_chr01	37658162	[G/C]	1067291085
Ca_Kabuli_NC_021160.1_37658166	Ca_kabuli_chr01	37658166	[A/T]	1067291086
Ca_Kabuli_NC_021160.1_37690416	Ca_kabuli_chr01	37690416	[G/A]	1067291087
Ca_Kabuli_NC_021160.1_37690465	Ca_kabuli_chr01	37690465	[T/C]	1067291088
Ca_Kabuli_NC_021160.1_37690497	Ca_kabuli_chr01	37690497	[A/T]	1067291089
Ca_Kabuli_NC_021160.1_37690498	Ca_kabuli_chr01	37690498	[C/A]	1067291090
Ca_Kabuli_NC_021160.1_37722095	Ca_kabuli_chr01	37722095	[G/A]	1067291091
Ca_Kabuli_NC_021160.1_37722143	Ca_kabuli_chr01	37722143	[G/C]	1067291092
Ca_Kabuli_NC_021160.1_37732133	Ca_kabuli_chr01	37732133	[C/T]	1067291093
Ca_Kabuli_NC_021160.1_37732150	Ca_kabuli_chr01	37732150	[T/C]	1067291094
Ca_Kabuli_NC_021160.1_37768299	Ca_kabuli_chr01	37768299	[A/G]	1067291095
Ca_Kabuli_NC_021160.1_37768333	Ca_kabuli_chr01	37768333	[C/T]	1067291096
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Ca_Kabuli_NC_021160.1_37862352	Ca_kabuli_chr01	37862352	[T/G]	1067291100
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Ca_Kabuli_NC_021160.1_37864684	Ca_kabuli_chr01	37864684	[T/C]	1067291104
Ca_Kabuli_NC_021160.1_37869004	Ca_kabuli_chr01	37869004	[G/C]	1067291105
Ca_Kabuli_NC_021160.1_37869082	Ca_kabuli_chr01	37869082	[C/G]	1067291106
Ca_Kabuli_NC_021160.1_37869136	Ca_kabuli_chr01	37869136	[G/T]	1067291107
Ca_Kabuli_NC_021160.1_37870666	Ca_kabuli_chr01	37870666	[T/C]	1067291108
Ca_Kabuli_NC_021160.1_37870835	Ca_kabuli_chr01	37870835	[G/A]	1067291109
Ca_Kabuli_NC_021160.1_37892139	Ca_kabuli_chr01	37892139	[T/A]	1067291110
Ca_Kabuli_NC_021160.1_38111568	Ca_kabuli_chr01	38111568	[A/G]	1067291111
Ca_Kabuli_NC_021160.1_38193253	Ca_kabuli_chr01	38193253	[A/T]	1067291112

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_38451588	Ca_kabuli_chr01	38451588	[A/C]	1067291115
Ca_Kabuli_NC_021160.1_38508170	Ca_kabuli_chr01	38508170	[T/C]	1067291116
Ca_Kabuli_NC_021160.1_38508171	Ca_kabuli_chr01	38508171	[G/T]	1067291117
Ca_Kabuli_NC_021160.1_38508280	Ca_kabuli_chr01	38508280	[A/G]	1067291118
Ca_Kabuli_NC_021160.1_38508295	Ca_kabuli_chr01	38508295	[A/G]	1067291119
Ca_Kabuli_NC_021160.1_38596501	Ca_kabuli_chr01	38596501	[T/C]	1067291120
Ca_Kabuli_NC_021160.1_38678724	Ca_kabuli_chr01	38678724	[T/C]	1067291121
Ca_Kabuli_NC_021160.1_38811851	Ca_kabuli_chr01	38811851	[C/A]	1067291122
Ca_Kabuli_NC_021160.1_38811939	Ca_kabuli_chr01	38811939	[A/G]	1067291123
Ca_Kabuli_NC_021160.1_38811946	Ca_kabuli_chr01	38811946	[C/A]	1067291124
Ca_Kabuli_NC_021160.1_38811964	Ca_kabuli_chr01	38811964	[C/T]	1067291125
Ca_Kabuli_NC_021160.1_38811965	Ca_kabuli_chr01	38811965	[A/G]	1067291126
Ca_Kabuli_NC_021160.1_38817471	Ca_kabuli_chr01	38817471	[A/C]	1067291127
Ca_Kabuli_NC_021160.1_38877670	Ca_kabuli_chr01	38877670	[T/C]	1067291128
Ca_Kabuli_NC_021160.1_38877710	Ca_kabuli_chr01	38877710	[T/A]	1067291129
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Ca_Kabuli_NC_021160.1_39439352	Ca_kabuli_chr01	39439352	[T/A]	1067291134
Ca_Kabuli_NC_021160.1_39439823	Ca_kabuli_chr01	39439823	[T/C]	1067291135
Ca_Kabuli_NC_021160.1_39587402	Ca_kabuli_chr01	39587402	[G/A]	1067291136
Ca_Kabuli_NC_021160.1_39587534	Ca_kabuli_chr01	39587534	[A/G]	1067291137
Ca_Kabuli_NC_021160.1_39616074	Ca_kabuli_chr01	39616074	[T/A]	1067291138
Ca_Kabuli_NC_021160.1_39616101	Ca_kabuli_chr01	39616101	[T/G]	1067291139
Ca_Kabuli_NC_021160.1_39616113	Ca_kabuli_chr01	39616113	[A/G]	1067291140
Ca_Kabuli_NC_021160.1_39616118	Ca_kabuli_chr01	39616118	[T/G]	1067291141
Ca_Kabuli_NC_021160.1_39663380	Ca_kabuli_chr01	39663380	[C/T]	1067291142
Ca_Kabuli_NC_021160.1_39663432	Ca_kabuli_chr01	39663432	[C/G]	1067291143
Ca_Kabuli_NC_021160.1_39663435	Ca_kabuli_chr01	39663435	[T/C]	1067291144
Ca_Kabuli_NC_021160.1_39663465	Ca_kabuli_chr01	39663465	[T/A]	1067291145
Ca_Kabuli_NC_021160.1_39663484	Ca_kabuli_chr01	39663484	[A/C]	1067291146

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_39746552	Ca_kabuli_chr01	39746552	[A/G]	1067291149
Ca_Kabuli_NC_021160.1_40025764	Ca_kabuli_chr01	40025764	[G/A]	1067291150
Ca_Kabuli_NC_021160.1_40136941	Ca_kabuli_chr01	40136941	[T/G]	1067291151
Ca_Kabuli_NC_021160.1_40137856	Ca_kabuli_chr01	40137856	[A/T]	1067291152
Ca_Kabuli_NC_021160.1_40137893	Ca_kabuli_chr01	40137893	[T/G]	1067291153
Ca_Kabuli_NC_021160.1_40137902	Ca_kabuli_chr01	40137902	[A/G]	1067291154
Ca_Kabuli_NC_021160.1_40199841	Ca_kabuli_chr01	40199841	[T/A]	1067291155
Ca_Kabuli_NC_021160.1_40199917	Ca_kabuli_chr01	40199917	[T/C]	1067291156
Ca_Kabuli_NC_021160.1_40199920	Ca_kabuli_chr01	40199920	[C/G]	1067291157
Ca_Kabuli_NC_021160.1_40199922	Ca_kabuli_chr01	40199922	[C/A]	1067291158
Ca_Kabuli_NC_021160.1_40214167	Ca_kabuli_chr01	40214167	[C/T]	1067291159
Ca_Kabuli_NC_021160.1_40224804	Ca_kabuli_chr01	40224804	[A/G]	1067291160
Ca_Kabuli_NC_021160.1_40224834	Ca_kabuli_chr01	40224834	[C/G]	1067291161
Ca_Kabuli_NC_021160.1_40224835	Ca_kabuli_chr01	40224835	[T/A]	1067291162
Ca_Kabuli_NC_021160.1_40335668	Ca_kabuli_chr01	40335668	[C/T]	1067291163
Ca_Kabuli_NC_021160.1_40336759	Ca_kabuli_chr01	40336759	[C/T]	1067291164
Ca_Kabuli_NC_021160.1_40339065	Ca_kabuli_chr01	40339065	[T/C]	1067291165
Ca_Kabuli_NC_021160.1_40343216	Ca_kabuli_chr01	40343216	[G/T]	1067291166
Ca_Kabuli_NC_021160.1_40346280	Ca_kabuli_chr01	40346280	[A/C]	1067291167
Ca_Kabuli_NC_021160.1_40358747	Ca_kabuli_chr01	40358747	[T/G]	1067291168
Ca_Kabuli_NC_021160.1_40359876	Ca_kabuli_chr01	40359876	[T/A]	1067291169
Ca_Kabuli_NC_021160.1_40365171	Ca_kabuli_chr01	40365171	[G/A]	1067291170
Ca_Kabuli_NC_021160.1_40365226	Ca_kabuli_chr01	40365226	[G/T]	1067291171
Ca_Kabuli_NC_021160.1_40365231	Ca_kabuli_chr01	40365231	[C/A]	1067291172
Ca_Kabuli_NC_021160.1_40367634	Ca_kabuli_chr01	40367634	[T/C]	1067291173
Ca_Kabuli_NC_021160.1_40367940	Ca_kabuli_chr01	40367940	[G/A]	1067291174
Ca_Kabuli_NC_021160.1_40368805	Ca_kabuli_chr01	40368805	[A/T]	1067291175
Ca_Kabuli_NC_021160.1_40368847	Ca_kabuli_chr01	40368847	[T/C]	1067291176
Ca_Kabuli_NC_021160.1_40419760	Ca_kabuli_chr01	40419760	[C/T]	1067291177
Ca_Kabuli_NC_021160.1_40497408	Ca_kabuli_chr01	40497408	[T/C]	1067291178
Ca_Kabuli_NC_021160.1_40497413	Ca_kabuli_chr01	40497413	[A/C]	1067291179
Ca_Kabuli_NC_021160.1_40567085	Ca_kabuli_chr01	40567085	[T/C]	1067291180

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_40572132	Ca_kabuli_chr01	40572132	[T/C]	1067291183
Ca_Kabuli_NC_021160.1_40617637	Ca_kabuli_chr01	40617637	[A/C]	1067291184
Ca_Kabuli_NC_021160.1_40745827	Ca_kabuli_chr01	40745827	[G/C]	1067291185
Ca_Kabuli_NC_021160.1_40746094	Ca_kabuli_chr01	40746094	[T/G]	1067291186
Ca_Kabuli_NC_021160.1_41075343	Ca_kabuli_chr01	41075343	[T/G]	1067291187
Ca_Kabuli_NC_021160.1_41125525	Ca_kabuli_chr01	41125525	[T/G]	1067291188
Ca_Kabuli_NC_021160.1_41169162	Ca_kabuli_chr01	41169162	[G/A]	1067291189
Ca_Kabuli_NC_021160.1_41179697	Ca_kabuli_chr01	41179697	[T/G]	1067291190
Ca_Kabuli_NC_021160.1_41185412	Ca_kabuli_chr01	41185412	[A/C]	1067291191
Ca_Kabuli_NC_021160.1_41339399	Ca_kabuli_chr01	41339399	[T/G]	1067291192
Ca_Kabuli_NC_021160.1_41344968	Ca_kabuli_chr01	41344968	[A/G]	1067291193
Ca_Kabuli_NC_021160.1_41437183	Ca_kabuli_chr01	41437183	[A/C]	1067291194
Ca_Kabuli_NC_021160.1_41437428	Ca_kabuli_chr01	41437428	[G/C]	1067291195
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Ca_Kabuli_NC_021160.1_41782803	Ca_kabuli_chr01	41782803	[T/G]	1067291202
Ca_Kabuli_NC_021160.1_41795347	Ca_kabuli_chr01	41795347	[A/G]	1067291203
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Ca_Kabuli_NC_021160.1_41822418	Ca_kabuli_chr01	41822418	[A/C]	1067291205
Ca_Kabuli_NC_021160.1_41866970	Ca_kabuli_chr01	41866970	[T/C]	1067291206
Ca_Kabuli_NC_021160.1_41867002	Ca_kabuli_chr01	41867002	[T/G]	1067291207
Ca_Kabuli_NC_021160.1_41897246	Ca_kabuli_chr01	41897246	[C/T]	1067291208
Ca_Kabuli_NC_021160.1_41927994	Ca_kabuli_chr01	41927994	[T/C]	1067291209
Ca_Kabuli_NC_021160.1_41966344	Ca_kabuli_chr01	41966344	[T/C]	1067291210
Ca_Kabuli_NC_021160.1_41981278	Ca_kabuli_chr01	41981278	[C/T]	1067291211
Ca_Kabuli_NC_021160.1_41981286	Ca_kabuli_chr01	41981286	[G/C]	1067291212
Ca_Kabuli_NC_021160.1_42189352	Ca_kabuli_chr01	42189352	[T/G]	1067291213
Ca_Kabuli_NC_021160.1_42253413	Ca_kabuli_chr01	42253413	[A/C]	1067291214



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_42298524	Ca_kabuli_chr01	42298524	[T/C]	1067291217
Ca_Kabuli_NC_021160.1_42298531	Ca_kabuli_chr01	42298531	[G/A]	1067291218
Ca_Kabuli_NC_021160.1_42298544	Ca_kabuli_chr01	42298544	[A/G]	1067291219
Ca_Kabuli_NC_021160.1_42439795	Ca_kabuli_chr01	42439795	[A/C]	1067291220
Ca_Kabuli_NC_021160.1_42450096	Ca_kabuli_chr01	42450096	[T/G]	1067291221
Ca_Kabuli_NC_021160.1_42450112	Ca_kabuli_chr01	42450112	[T/A]	1067291222
Ca_Kabuli_NC_021160.1_42450120	Ca_kabuli_chr01	42450120	[T/C]	1067291223
Ca_Kabuli_NC_021160.1_42450147	Ca_kabuli_chr01	42450147	[T/C]	1067291224
Ca_Kabuli_NC_021160.1_42450658	Ca_kabuli_chr01	42450658	[T/G]	1067291225
Ca_Kabuli_NC_021160.1_42450714	Ca_kabuli_chr01	42450714	[T/G]	1067291226
Ca_Kabuli_NC_021160.1_42450812	Ca_kabuli_chr01	42450812	[T/C]	1067291227
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Ca_Kabuli_NC_021160.1_42450967	Ca_kabuli_chr01	42450967	[T/C]	1067291233
Ca_Kabuli_NC_021160.1_42450979	Ca_kabuli_chr01	42450979	[T/G]	1067291234
Ca_Kabuli_NC_021160.1_42450982	Ca_kabuli_chr01	42450982	[T/G]	1067291235
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Ca_Kabuli_NC_021160.1_42451015	Ca_kabuli_chr01	42451015	[A/G]	1067291237
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Ca_Kabuli_NC_021160.1_42451376	Ca_kabuli_chr01	42451376	[T/C]	1067291242
Ca_Kabuli_NC_021160.1_42451456	Ca_kabuli_chr01	42451456	[T/A]	1067291243
Ca_Kabuli_NC_021160.1_42451459	Ca_kabuli_chr01	42451459	[T/G]	1067291244
Ca_Kabuli_NC_021160.1_42451502	Ca_kabuli_chr01	42451502	[T/C]	1067291245
Ca_Kabuli_NC_021160.1_42451504	Ca_kabuli_chr01	42451504	[A/G]	1067291246
Ca_Kabuli_NC_021160.1_42451528	Ca_kabuli_chr01	42451528	[T/C]	1067291247
Ca_Kabuli_NC_021160.1_42451535	Ca_kabuli_chr01	42451535	[T/C]	1067291248

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_42451624	Ca_kabuli_chr01	42451624	[T/C]	1067291251
Ca_Kabuli_NC_021160.1_42451629	Ca_kabuli_chr01	42451629	[A/G]	1067291252
Ca_Kabuli_NC_021160.1_42451653	Ca_kabuli_chr01	42451653	[A/C]	1067291253
Ca_Kabuli_NC_021160.1_42451664	Ca_kabuli_chr01	42451664	[A/C]	1067291254
Ca_Kabuli_NC_021160.1_42451680	Ca_kabuli_chr01	42451680	[T/C]	1067291255
Ca_Kabuli_NC_021160.1_42451708	Ca_kabuli_chr01	42451708	[T/C]	1067291256
Ca_Kabuli_NC_021160.1_42451717	Ca_kabuli_chr01	42451717	[G/A]	1067291257
Ca_Kabuli_NC_021160.1_42451778	Ca_kabuli_chr01	42451778	[T/C]	1067291258
Ca_Kabuli_NC_021160.1_42451780	Ca_kabuli_chr01	42451780	[T/C]	1067291259
Ca_Kabuli_NC_021160.1_42451783	Ca_kabuli_chr01	42451783	[T/A]	1067291260
Ca_Kabuli_NC_021160.1_42451795	Ca_kabuli_chr01	42451795	[T/A]	1067291261
Ca_Kabuli_NC_021160.1_42451815	Ca_kabuli_chr01	42451815	[T/C]	1067291262
Ca_Kabuli_NC_021160.1_42451818	Ca_kabuli_chr01	42451818	[T/G]	1067291263
Ca_Kabuli_NC_021160.1_42451831	Ca_kabuli_chr01	42451831	[A/G]	1067291264
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Ca_Kabuli_NC_021160.1_42451882	Ca_kabuli_chr01	42451882	[A/T]	1067291267
Ca_Kabuli_NC_021160.1_42451966	Ca_kabuli_chr01	42451966	[A/C]	1067291268
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Ca_Kabuli_NC_021160.1_42452026	Ca_kabuli_chr01	42452026	[T/G]	1067291270
Ca_Kabuli_NC_021160.1_42452035	Ca_kabuli_chr01	42452035	[T/C]	1067291271
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Ca_Kabuli_NC_021160.1_42452642	Ca_kabuli_chr01	42452642	[A/G]	1067291277
Ca_Kabuli_NC_021160.1_42452647	Ca_kabuli_chr01	42452647	[T/G]	1067291278
Ca_Kabuli_NC_021160.1_42452648	Ca_kabuli_chr01	42452648	[A/G]	1067291279
Ca_Kabuli_NC_021160.1_42452664	Ca_kabuli_chr01	42452664	[A/C]	1067291280
Ca_Kabuli_NC_021160.1_42452675	Ca_kabuli_chr01	42452675	[A/G]	1067291281
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<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_42452803	Ca_kabuli_chr01	42452803	[T/C]	1067291285
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Ca_Kabuli_NC_021160.1_42452826	Ca_kabuli_chr01	42452826	[A/C]	1067291287
Ca_Kabuli_NC_021160.1_42452832	Ca_kabuli_chr01	42452832	[T/G]	1067291288
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Ca_Kabuli_NC_021160.1_42452882	Ca_kabuli_chr01	42452882	[A/G]	1067291291
Ca_Kabuli_NC_021160.1_42452885	Ca_kabuli_chr01	42452885	[A/G]	1067291292
Ca_Kabuli_NC_021160.1_42452959	Ca_kabuli_chr01	42452959	[T/G]	1067291293
Ca_Kabuli_NC_021160.1_42452962	Ca_kabuli_chr01	42452962	[A/C]	1067291294
Ca_Kabuli_NC_021160.1_42452976	Ca_kabuli_chr01	42452976	[A/C]	1067291295
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Ca_Kabuli_NC_021160.1_43304608	Ca_kabuli_chr01	43304608	[T/A]	1067291307
Ca_Kabuli_NC_021160.1_43305961	Ca_kabuli_chr01	43305961	[T/G]	1067291308
Ca_Kabuli_NC_021160.1_43543945	Ca_kabuli_chr01	43543945	[A/C]	1067291309
Ca_Kabuli_NC_021160.1_43543958	Ca_kabuli_chr01	43543958	[T/C]	1067291310
Ca_Kabuli_NC_021160.1_43543961	Ca_kabuli_chr01	43543961	[A/C]	1067291311
Ca_Kabuli_NC_021160.1_43543972	Ca_kabuli_chr01	43543972	[T/C]	1067291312
Ca_Kabuli_NC_021160.1_43725046	Ca_kabuli_chr01	43725046	[T/G]	1067291313
Ca_Kabuli_NC_021160.1_43727856	Ca_kabuli_chr01	43727856	[T/A]	1067291314
Ca_Kabuli_NC_021160.1_43753049	Ca_kabuli_chr01	43753049	[A/C]	1067291315
Ca_Kabuli_NC_021160.1_43754076	Ca_kabuli_chr01	43754076	[T/G]	1067291316

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_43924558	Ca_kabuli_chr01	43924558	[T/G]	1067291318
Ca_Kabuli_NC_021160.1_43924562	Ca_kabuli_chr01	43924562	[A/G]	1067291319
Ca_Kabuli_NC_021160.1_43929264	Ca_kabuli_chr01	43929264	[A/G]	1067291320
Ca_Kabuli_NC_021160.1_43933984	Ca_kabuli_chr01	43933984	[C/T]	1067291321
Ca_Kabuli_NC_021160.1_43934070	Ca_kabuli_chr01	43934070	[T/C]	1067291322
Ca_Kabuli_NC_021160.1_43994989	Ca_kabuli_chr01	43994989	[T/C]	1067291323
Ca_Kabuli_NC_021160.1_44096017	Ca_kabuli_chr01	44096017	[T/C]	1067291324
Ca_Kabuli_NC_021160.1_44096052	Ca_kabuli_chr01	44096052	[G/C]	1067291325
Ca_Kabuli_NC_021160.1_44096065	Ca_kabuli_chr01	44096065	[A/G]	1067291326
Ca_Kabuli_NC_021160.1_44096071	Ca_kabuli_chr01	44096071	[A/C]	1067291327
Ca_Kabuli_NC_021160.1_44096088	Ca_kabuli_chr01	44096088	[T/G]	1067291328
Ca_Kabuli_NC_021160.1_44444216	Ca_kabuli_chr01	44444216	[T/G]	1067291329
Ca_Kabuli_NC_021160.1_44444218	Ca_kabuli_chr01	44444218	[A/G]	1067291330
Ca_Kabuli_NC_021160.1_44518201	Ca_kabuli_chr01	44518201	[C/A]	1067291331
Ca_Kabuli_NC_021160.1_44518202	Ca_kabuli_chr01	44518202	[C/G]	1067291332
Ca_Kabuli_NC_021160.1_44518203	Ca_kabuli_chr01	44518203	[T/A]	1067291333
Ca_Kabuli_NC_021160.1_44862154	Ca_kabuli_chr01	44862154	[T/G]	1067291334
Ca_Kabuli_NC_021160.1_45044113	Ca_kabuli_chr01	45044113	[A/G]	1067291335
Ca_Kabuli_NC_021160.1_45074532	Ca_kabuli_chr01	45074532	[T/C]	1067291336
Ca_Kabuli_NC_021160.1_45088864	Ca_kabuli_chr01	45088864	[T/C]	1067291337
Ca_Kabuli_NC_021160.1_45088871	Ca_kabuli_chr01	45088871	[A/G]	1067291338
Ca_Kabuli_NC_021160.1_45088948	Ca_kabuli_chr01	45088948	[A/G]	1067291339
Ca_Kabuli_NC_021160.1_45484919	Ca_kabuli_chr01	45484919	[A/G]	1067291340
Ca_Kabuli_NC_021160.1_45484925	Ca_kabuli_chr01	45484925	[A/C]	1067291341
Ca_Kabuli_NC_021160.1_45484951	Ca_kabuli_chr01	45484951	[T/C]	1067291342
Ca_Kabuli_NC_021160.1_45826522	Ca_kabuli_chr01	45826522	[A/T]	1067291343
Ca_Kabuli_NC_021160.1_45826559	Ca_kabuli_chr01	45826559	[T/C]	1067291344
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Ca_Kabuli_NC_021160.1_46437023	Ca_kabuli_chr01	46437023	[T/G]	1067291346
Ca_Kabuli_NC_021160.1_46456567	Ca_kabuli_chr01	46456567	[G/A]	1067291347
Ca_Kabuli_NC_021160.1_46523221	Ca_kabuli_chr01	46523221	[T/C]	1067291348
Ca_Kabuli_NC_021160.1_46717322	Ca_kabuli_chr01	46717322	[G/A]	1067291349
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<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_46737781	Ca_kabuli_chr01	46737781	[A/G]	1067291353
Ca_Kabuli_NC_021160.1_46764836	Ca_kabuli_chr01	46764836	[T/C]	1067291354
Ca_Kabuli_NC_021160.1_46779325	Ca_kabuli_chr01	46779325	[T/G]	1067291355
Ca_Kabuli_NC_021160.1_46779336	Ca_kabuli_chr01	46779336	[T/A]	1067291356
Ca_Kabuli_NC_021160.1_46779362	Ca_kabuli_chr01	46779362	[A/C]	1067291357
Ca_Kabuli_NC_021160.1_46779764	Ca_kabuli_chr01	46779764	[G/A]	1067291358
Ca_Kabuli_NC_021160.1_46793271	Ca_kabuli_chr01	46793271	[A/T]	1067291359
Ca_Kabuli_NC_021160.1_46793284	Ca_kabuli_chr01	46793284	[T/C]	1067291360
Ca_Kabuli_NC_021160.1_46830882	Ca_kabuli_chr01	46830882	[T/C]	1067291361
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Ca_Kabuli_NC_021160.1_46871009	Ca_kabuli_chr01	46871009	[A/C]	1067291363
Ca_Kabuli_NC_021160.1_46941841	Ca_kabuli_chr01	46941841	[T/C]	1067291364
Ca_Kabuli_NC_021160.1_46968694	Ca_kabuli_chr01	46968694	[T/C]	1067291365
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Ca_Kabuli_NC_021160.1_46969302	Ca_kabuli_chr01	46969302	[A/G]	1067291368
Ca_Kabuli_NC_021160.1_47045613	Ca_kabuli_chr01	47045613	[C/T]	1067291369
Ca_Kabuli_NC_021160.1_47045650	Ca_kabuli_chr01	47045650	[A/G]	1067291370
Ca_Kabuli_NC_021160.1_47203105	Ca_kabuli_chr01	47203105	[A/G]	1067291371
Ca_Kabuli_NC_021160.1_47203115	Ca_kabuli_chr01	47203115	[A/C]	1067291372
Ca_Kabuli_NC_021160.1_47203136	Ca_kabuli_chr01	47203136	[T/C]	1067291373
Ca_Kabuli_NC_021160.1_47203161	Ca_kabuli_chr01	47203161	[T/A]	1067291374
Ca_Kabuli_NC_021160.1_47203165	Ca_kabuli_chr01	47203165	[T/C]	1067291375
Ca_Kabuli_NC_021160.1_47468656	Ca_kabuli_chr01	47468656	[C/A]	1067291376
Ca_Kabuli_NC_021160.1_47755803	Ca_kabuli_chr01	47755803	[T/A]	1067291377
Ca_Kabuli_NC_021160.1_47889964	Ca_kabuli_chr01	47889964	[T/G]	1067291378
Ca_Kabuli_NC_021160.1_47889984	Ca_kabuli_chr01	47889984	[T/G]	1067291379
Ca_Kabuli_NC_021160.1_47889995	Ca_kabuli_chr01	47889995	[T/G]	1067291380
Ca_Kabuli_NC_021160.1_47890812	Ca_kabuli_chr01	47890812	[A/G]	1067291381
Ca_Kabuli_NC_021160.1_47896376	Ca_kabuli_chr01	47896376	[A/T]	1067291382
Ca_Kabuli_NC_021160.1_47896398	Ca_kabuli_chr01	47896398	[T/G]	1067291383
Ca_Kabuli_NC_021160.1_47901296	Ca_kabuli_chr01	47901296	[T/G]	1067291384

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_47979058	Ca_kabuli_chr01	47979058	[C/A]	1067291387
Ca_Kabuli_NC_021160.1_48002634	Ca_kabuli_chr01	48002634	[A/C]	1067291388
Ca_Kabuli_NC_021160.1_48026686	Ca_kabuli_chr01	48026686	[T/C]	1067291389
Ca_Kabuli_NC_021160.1_48027623	Ca_kabuli_chr01	48027623	[T/G]	1067291390
Ca_Kabuli_NC_021160.1_48027987	Ca_kabuli_chr01	48027987	[T/G]	1067291391
Ca_Kabuli_NC_021160.1_48027996	Ca_kabuli_chr01	48027996	[T/G]	1067291392
Ca_Kabuli_NC_021160.1_48028119	Ca_kabuli_chr01	48028119	[A/T]	1067291393
Ca_Kabuli_NC_021160.1_48028129	Ca_kabuli_chr01	48028129	[T/G]	1067291394
Ca_Kabuli_NC_021160.1_48028131	Ca_kabuli_chr01	48028131	[A/G]	1067291395
Ca_Kabuli_NC_021160.1_48028136	Ca_kabuli_chr01	48028136	[G/A]	1067291396
Ca_Kabuli_NC_021160.1_48028139	Ca_kabuli_chr01	48028139	[G/A]	1067291397
Ca_Kabuli_NC_021160.1_48028191	Ca_kabuli_chr01	48028191	[G/T]	1067291398
Ca_Kabuli_NC_021160.1_48028282	Ca_kabuli_chr01	48028282	[T/G]	1067291399
Ca_Kabuli_NC_021160.1_48028382	Ca_kabuli_chr01	48028382	[T/C]	1067291400
Ca_Kabuli_NC_021160.1_48028943	Ca_kabuli_chr01	48028943	[T/G]	1067291401
Ca_Kabuli_NC_021160.1_48028958	Ca_kabuli_chr01	48028958	[T/G]	1067291402
Ca_Kabuli_NC_021160.1_48028982	Ca_kabuli_chr01	48028982	[A/G]	1067291403
Ca_Kabuli_NC_021160.1_48049250	Ca_kabuli_chr01	48049250	[A/C]	1067291404
Ca_Kabuli_NC_021160.1_48049256	Ca_kabuli_chr01	48049256	[A/C]	1067291405
Ca_Kabuli_NC_021160.1_48049275	Ca_kabuli_chr01	48049275	[T/C]	1067291406
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Ca_Kabuli_NC_021160.1_48132210	Ca_kabuli_chr01	48132210	[T/C]	1067291408
Ca_Kabuli_NC_021160.1_48198820	Ca_kabuli_chr01	48198820	[A/T]	1067291409
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Ca_Kabuli_NC_021160.1_48198899	Ca_kabuli_chr01	48198899	[A/C]	1067291411
Ca_Kabuli_NC_021160.1_48198921	Ca_kabuli_chr01	48198921	[T/C]	1067291412
Ca_Kabuli_NC_021160.1_48198926	Ca_kabuli_chr01	48198926	[T/A]	1067291413
Ca_Kabuli_NC_021160.1_48198934	Ca_kabuli_chr01	48198934	[T/A]	1067291414
Ca_Kabuli_NC_021160.1_48265598	Ca_kabuli_chr01	48265598	[T/C]	1067291415
Ca_Kabuli_NC_021160.1_48265618	Ca_kabuli_chr01	48265618	[C/T]	1067291416
Ca_Kabuli_NC_021160.1_48265652	Ca_kabuli_chr01	48265652	[T/C]	1067291417
Ca_Kabuli_NC_021160.1_48273236	Ca_kabuli_chr01	48273236	[T/C]	1067291418

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021160.1_48273267	Ca_kabuli_chr01	48273267	[G/A]	1067291420
Ca_Kabuli_NC_021160.1_48273272	Ca_kabuli_chr01	48273272	[A/C]	1067291421
Ca_Kabuli_NC_021160.1_48273277	Ca_kabuli_chr01	48273277	[A/G]	1067291422
Ca_Kabuli_NC_021160.1_48273344	Ca_kabuli_chr01	48273344	[T/G]	1067291423
Ca_Kabuli_NC_021160.1_48273389	Ca_kabuli_chr01	48273389	[A/C]	1067291424
Ca_Kabuli_NC_021160.1_48273411	Ca_kabuli_chr01	48273411	[A/G]	1067291425
Ca_Kabuli_NC_021160.1_48338891	Ca_kabuli_chr01	48338891	[T/G]	1067291426
Ca_Kabuli_NC_021160.1_48338900	Ca_kabuli_chr01	48338900	[A/C]	1067291427
Ca_Kabuli_NC_021161.1_104226	Ca_kabuli_chr02	104226	[T/C]	1067291428
Ca_Kabuli_NC_021161.1_106736	Ca_kabuli_chr02	106736	[A/C]	1067291429
Ca_Kabuli_NC_021161.1_113402	Ca_kabuli_chr02	113402	[T/C]	1067291430
Ca_Kabuli_NC_021161.1_113411	Ca_kabuli_chr02	113411	[G/C]	1067291431
Ca_Kabuli_NC_021161.1_113464	Ca_kabuli_chr02	113464	[T/C]	1067291432
Ca_Kabuli_NC_021161.1_188971	Ca_kabuli_chr02	188971	[T/G]	1067291433
Ca_Kabuli_NC_021161.1_233551	Ca_kabuli_chr02	233551	[T/G]	1067291434
Ca_Kabuli_NC_021161.1_451206	Ca_kabuli_chr02	451206	[T/C]	1067291435
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Ca_Kabuli_NC_021161.1_543389	Ca_kabuli_chr02	543389	[A/C]	1067291438
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Ca_Kabuli_NC_021161.1_737222	Ca_kabuli_chr02	737222	[A/C]	1067291440
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Ca_Kabuli_NC_021161.1_737253	Ca_kabuli_chr02	737253	[T/C]	1067291443
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Ca_Kabuli_NC_021161.1_737776	Ca_kabuli_chr02	737776	[T/C]	1067291445
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Ca_Kabuli_NC_021161.1_740088	Ca_kabuli_chr02	740088	[C/T]	1067291450
Ca_Kabuli_NC_021161.1_1190385	Ca_kabuli_chr02	1190385	[G/T]	1067291451
Ca_Kabuli_NC_021161.1_1190394	Ca_kabuli_chr02	1190394	[C/A]	1067291452

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_1314335	Ca_kabuli_chr02	1314335	[A/G]	1067291456
Ca_Kabuli_NC_021161.1_1565538	Ca_kabuli_chr02	1565538	[A/C]	1067291457
Ca_Kabuli_NC_021161.1_1565539	Ca_kabuli_chr02	1565539	[G/A]	1067291458
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Ca_Kabuli_NC_021161.1_1565541	Ca_kabuli_chr02	1565541	[T/C]	1067291460
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Ca_Kabuli_NC_021161.1_1624937	Ca_kabuli_chr02	1624937	[A/C]	1067291466
Ca_Kabuli_NC_021161.1_1671279	Ca_kabuli_chr02	1671279	[T/C]	1067291467
Ca_Kabuli_NC_021161.1_1704218	Ca_kabuli_chr02	1704218	[A/C]	1067291468
Ca_Kabuli_NC_021161.1_1704229	Ca_kabuli_chr02	1704229	[T/C]	1067291469
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Ca_Kabuli_NC_021161.1_1828388	Ca_kabuli_chr02	1828388	[A/C]	1067291482
Ca_Kabuli_NC_021161.1_1865072	Ca_kabuli_chr02	1865072	[T/C]	1067291483
Ca_Kabuli_NC_021161.1_1865197	Ca_kabuli_chr02	1865197	[A/G]	1067291484
Ca_Kabuli_NC_021161.1_1882667	Ca_kabuli_chr02	1882667	[T/A]	1067291485
Ca_Kabuli_NC_021161.1_1882676	Ca_kabuli_chr02	1882676	[T/A]	1067291486



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021161.1_1884640	Ca_kabuli_chr02	1884640	[T/C]	1067291487
Ca_Kabuli_NC_021161.1_1884649	Ca_kabuli_chr02	1884649	[T/G]	1067291488
Ca_Kabuli_NC_021161.1_1884670	Ca_kabuli_chr02	1884670	[T/G]	1067291489
Ca_Kabuli_NC_021161.1_1884694	Ca_kabuli_chr02	1884694	[A/G]	1067291490
Ca_Kabuli_NC_021161.1_1901253	Ca_kabuli_chr02	1901253	[A/T]	1067291491
Ca_Kabuli_NC_021161.1_1953645	Ca_kabuli_chr02	1953645	[A/G]	1067291492
Ca_Kabuli_NC_021161.1_2003544	Ca_kabuli_chr02	2003544	[T/C]	1067291493
Ca_Kabuli_NC_021161.1_2003584	Ca_kabuli_chr02	2003584	[A/C]	1067291494
Ca_Kabuli_NC_021161.1_2078923	Ca_kabuli_chr02	2078923	[T/A]	1067291495
Ca_Kabuli_NC_021161.1_2080305	Ca_kabuli_chr02	2080305	[A/G]	1067291496
Ca_Kabuli_NC_021161.1_2080312	Ca_kabuli_chr02	2080312	[A/G]	1067291497
Ca_Kabuli_NC_021161.1_2080356	Ca_kabuli_chr02	2080356	[T/G]	1067291498
Ca_Kabuli_NC_021161.1_2080358	Ca_kabuli_chr02	2080358	[T/A]	1067291499
Ca_Kabuli_NC_021161.1_2080361	Ca_kabuli_chr02	2080361	[A/G]	1067291500
Ca_Kabuli_NC_021161.1_2080413	Ca_kabuli_chr02	2080413	[T/G]	1067291501
Ca_Kabuli_NC_021161.1_2080418	Ca_kabuli_chr02	2080418	[T/G]	1067291502
Ca_Kabuli_NC_021161.1_2085354	Ca_kabuli_chr02	2085354	[T/C]	1067291503
Ca_Kabuli_NC_021161.1_2085406	Ca_kabuli_chr02	2085406	[T/A]	1067291504
Ca_Kabuli_NC_021161.1_2086795	Ca_kabuli_chr02	2086795	[T/G]	1067291505
Ca_Kabuli_NC_021161.1_2227452	Ca_kabuli_chr02	2227452	[A/G]	1067291506
Ca_Kabuli_NC_021161.1_2227506	Ca_kabuli_chr02	2227506	[T/C]	1067291507
Ca_Kabuli_NC_021161.1_2312002	Ca_kabuli_chr02	2312002	[T/C]	1067291508
Ca_Kabuli_NC_021161.1_2312049	Ca_kabuli_chr02	2312049	[T/C]	1067291509
Ca_Kabuli_NC_021161.1_2312071	Ca_kabuli_chr02	2312071	[T/C]	1067291510
Ca_Kabuli_NC_021161.1_2416367	Ca_kabuli_chr02	2416367	[T/G]	1067291511
Ca_Kabuli_NC_021161.1_2420820	Ca_kabuli_chr02	2420820	[T/C]	1067291512
Ca_Kabuli_NC_021161.1_2420851	Ca_kabuli_chr02	2420851	[A/G]	1067291513
Ca_Kabuli_NC_021161.1_2424862	Ca_kabuli_chr02	2424862	[T/C]	1067291514
Ca_Kabuli_NC_021161.1_2577056	Ca_kabuli_chr02	2577056	[A/T]	1067291515
Ca_Kabuli_NC_021161.1_2577077	Ca_kabuli_chr02	2577077	[T/G]	1067291516
Ca_Kabuli_NC_021161.1_2578333	Ca_kabuli_chr02	2578333	[A/C]	1067291517
Ca_Kabuli_NC_021161.1_2578341	Ca_kabuli_chr02	2578341	[T/C]	1067291518
Ca_Kabuli_NC_021161.1_2578373	Ca_kabuli_chr02	2578373	[T/C]	1067291519
Ca_Kabuli_NC_021161.1_2579095	Ca_kabuli_chr02	2579095	[T/C]	1067291520

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_2697827	Ca_kabuli_chr02	2697827	[T/C]	1067291522
Ca_Kabuli_NC_021161.1_2697829	Ca_kabuli_chr02	2697829	[A/G]	1067291523
Ca_Kabuli_NC_021161.1_2697860	Ca_kabuli_chr02	2697860	[T/G]	1067291524
Ca_Kabuli_NC_021161.1_2762971	Ca_kabuli_chr02	2762971	[C/G]	1067291525
Ca_Kabuli_NC_021161.1_2762973	Ca_kabuli_chr02	2762973	[G/A]	1067291526
Ca_Kabuli_NC_021161.1_2762974	Ca_kabuli_chr02	2762974	[G/A]	1067291527
Ca_Kabuli_NC_021161.1_2762977	Ca_kabuli_chr02	2762977	[A/G]	1067291528
Ca_Kabuli_NC_021161.1_2965854	Ca_kabuli_chr02	2965854	[T/C]	1067291529
Ca_Kabuli_NC_021161.1_2965856	Ca_kabuli_chr02	2965856	[T/C]	1067291530
Ca_Kabuli_NC_021161.1_2965861	Ca_kabuli_chr02	2965861	[T/C]	1067291531
Ca_Kabuli_NC_021161.1_2965874	Ca_kabuli_chr02	2965874	[T/C]	1067291532
Ca_Kabuli_NC_021161.1_2965903	Ca_kabuli_chr02	2965903	[T/G]	1067291533
Ca_Kabuli_NC_021161.1_3044461	Ca_kabuli_chr02	3044461	[T/C]	1067291534
Ca_Kabuli_NC_021161.1_3074493	Ca_kabuli_chr02	3074493	[T/G]	1067291535
Ca_Kabuli_NC_021161.1_3074499	Ca_kabuli_chr02	3074499	[A/G]	1067291536
Ca_Kabuli_NC_021161.1_3074517	Ca_kabuli_chr02	3074517	[C/A]	1067291537
Ca_Kabuli_NC_021161.1_3074518	Ca_kabuli_chr02	3074518	[T/C]	1067291538
Ca_Kabuli_NC_021161.1_3099939	Ca_kabuli_chr02	3099939	[A/G]	1067291539
Ca_Kabuli_NC_021161.1_3099967	Ca_kabuli_chr02	3099967	[A/T]	1067291540
Ca_Kabuli_NC_021161.1_3145552	Ca_kabuli_chr02	3145552	[A/G]	1067291541
Ca_Kabuli_NC_021161.1_3145555	Ca_kabuli_chr02	3145555	[T/C]	1067291542
Ca_Kabuli_NC_021161.1_3145568	Ca_kabuli_chr02	3145568	[A/G]	1067291543
Ca_Kabuli_NC_021161.1_3151157	Ca_kabuli_chr02	3151157	[T/A]	1067291544
Ca_Kabuli_NC_021161.1_3164292	Ca_kabuli_chr02	3164292	[T/A]	1067291545
Ca_Kabuli_NC_021161.1_3164298	Ca_kabuli_chr02	3164298	[A/T]	1067291546
Ca_Kabuli_NC_021161.1_3450843	Ca_kabuli_chr02	3450843	[T/C]	1067291547
Ca_Kabuli_NC_021161.1_3450856	Ca_kabuli_chr02	3450856	[A/C]	1067291548
Ca_Kabuli_NC_021161.1_3450886	Ca_kabuli_chr02	3450886	[A/C]	1067291549
Ca_Kabuli_NC_021161.1_3450889	Ca_kabuli_chr02	3450889	[A/C]	1067291550
Ca_Kabuli_NC_021161.1_3450898	Ca_kabuli_chr02	3450898	[A/C]	1067291551
Ca_Kabuli_NC_021161.1_3480904	Ca_kabuli_chr02	3480904	[A/G]	1067291552
Ca_Kabuli_NC_021161.1_3482714	Ca_kabuli_chr02	3482714	[A/C]	1067291553
Ca_Kabuli_NC_021161.1_3548778	Ca_kabuli_chr02	3548778	[C/T]	1067291554

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_3663621	Ca_kabuli_chr02	3663621	[A/T]	1067291557
Ca_Kabuli_NC_021161.1_3688767	Ca_kabuli_chr02	3688767	[T/G]	1067291558
Ca_Kabuli_NC_021161.1_3706508	Ca_kabuli_chr02	3706508	[C/T]	1067291559
Ca_Kabuli_NC_021161.1_3789782	Ca_kabuli_chr02	3789782	[C/T]	1067291560
Ca_Kabuli_NC_021161.1_3789793	Ca_kabuli_chr02	3789793	[A/G]	1067291561
Ca_Kabuli_NC_021161.1_3808452	Ca_kabuli_chr02	3808452	[T/C]	1067291562
Ca_Kabuli_NC_021161.1_3808473	Ca_kabuli_chr02	3808473	[A/T]	1067291563
Ca_Kabuli_NC_021161.1_3808490	Ca_kabuli_chr02	3808490	[C/T]	1067291564
Ca_Kabuli_NC_021161.1_3808491	Ca_kabuli_chr02	3808491	[C/T]	1067291565
Ca_Kabuli_NC_021161.1_3856590	Ca_kabuli_chr02	3856590	[A/T]	1067291566
Ca_Kabuli_NC_021161.1_3870877	Ca_kabuli_chr02	3870877	[A/G]	1067291567
Ca_Kabuli_NC_021161.1_3904829	Ca_kabuli_chr02	3904829	[A/C]	1067291568
Ca_Kabuli_NC_021161.1_3908947	Ca_kabuli_chr02	3908947	[G/C]	1067291569
Ca_Kabuli_NC_021161.1_3908953	Ca_kabuli_chr02	3908953	[A/C]	1067291570
Ca_Kabuli_NC_021161.1_3915501	Ca_kabuli_chr02	3915501	[T/C]	1067291571
Ca_Kabuli_NC_021161.1_3915506	Ca_kabuli_chr02	3915506	[A/T]	1067291572
Ca_Kabuli_NC_021161.1_3915511	Ca_kabuli_chr02	3915511	[T/C]	1067291573
Ca_Kabuli_NC_021161.1_3915512	Ca_kabuli_chr02	3915512	[A/G]	1067291574
Ca_Kabuli_NC_021161.1_3915517	Ca_kabuli_chr02	3915517	[T/C]	1067291575
Ca_Kabuli_NC_021161.1_3915524	Ca_kabuli_chr02	3915524	[A/G]	1067291576
Ca_Kabuli_NC_021161.1_3930249	Ca_kabuli_chr02	3930249	[T/C]	1067291577
Ca_Kabuli_NC_021161.1_3930269	Ca_kabuli_chr02	3930269	[T/A]	1067291578
Ca_Kabuli_NC_021161.1_3930290	Ca_kabuli_chr02	3930290	[A/G]	1067291579
Ca_Kabuli_NC_021161.1_3941385	Ca_kabuli_chr02	3941385	[A/T]	1067291580
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Ca_Kabuli_NC_021161.1_3941387	Ca_kabuli_chr02	3941387	[T/G]	1067291582
Ca_Kabuli_NC_021161.1_4360467	Ca_kabuli_chr02	4360467	[A/G]	1067291583
Ca_Kabuli_NC_021161.1_4360507	Ca_kabuli_chr02	4360507	[T/G]	1067291584
Ca_Kabuli_NC_021161.1_4433263	Ca_kabuli_chr02	4433263	[T/C]	1067291585
Ca_Kabuli_NC_021161.1_4433272	Ca_kabuli_chr02	4433272	[A/C]	1067291586
Ca_Kabuli_NC_021161.1_4433290	Ca_kabuli_chr02	4433290	[T/C]	1067291587
Ca_Kabuli_NC_021161.1_4576979	Ca_kabuli_chr02	4576979	[A/T]	1067291588

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_5079638	Ca_kabuli_chr02	5079638	[A/C]	1067291592
Ca_Kabuli_NC_021161.1_5101163	Ca_kabuli_chr02	5101163	[T/G]	1067291593
Ca_Kabuli_NC_021161.1_5119812	Ca_kabuli_chr02	5119812	[G/T]	1067291594
Ca_Kabuli_NC_021161.1_5209689	Ca_kabuli_chr02	5209689	[A/G]	1067291595
Ca_Kabuli_NC_021161.1_5247387	Ca_kabuli_chr02	5247387	[T/G]	1067291596
Ca_Kabuli_NC_021161.1_5259270	Ca_kabuli_chr02	5259270	[A/C]	1067291597
Ca_Kabuli_NC_021161.1_5298384	Ca_kabuli_chr02	5298384	[A/C]	1067291598
Ca_Kabuli_NC_021161.1_5299261	Ca_kabuli_chr02	5299261	[A/G]	1067291599
Ca_Kabuli_NC_021161.1_5299270	Ca_kabuli_chr02	5299270	[T/C]	1067291600
Ca_Kabuli_NC_021161.1_5299272	Ca_kabuli_chr02	5299272	[T/C]	1067291601
Ca_Kabuli_NC_021161.1_5342942	Ca_kabuli_chr02	5342942	[A/C]	1067291602
Ca_Kabuli_NC_021161.1_5359143	Ca_kabuli_chr02	5359143	[T/G]	1067291603
Ca_Kabuli_NC_021161.1_5417026	Ca_kabuli_chr02	5417026	[T/G]	1067291604
Ca_Kabuli_NC_021161.1_5417046	Ca_kabuli_chr02	5417046	[A/G]	1067291605
Ca_Kabuli_NC_021161.1_5417051	Ca_kabuli_chr02	5417051	[T/G]	1067291606
Ca_Kabuli_NC_021161.1_5417088	Ca_kabuli_chr02	5417088	[A/T]	1067291607
Ca_Kabuli_NC_021161.1_5444255	Ca_kabuli_chr02	5444255	[A/G]	1067291608
Ca_Kabuli_NC_021161.1_5444287	Ca_kabuli_chr02	5444287	[A/C]	1067291609
Ca_Kabuli_NC_021161.1_5449788	Ca_kabuli_chr02	5449788	[T/A]	1067291610
Ca_Kabuli_NC_021161.1_5449794	Ca_kabuli_chr02	5449794	[A/G]	1067291611
Ca_Kabuli_NC_021161.1_5451160	Ca_kabuli_chr02	5451160	[A/C]	1067291612
Ca_Kabuli_NC_021161.1_5451165	Ca_kabuli_chr02	5451165	[A/C]	1067291613
Ca_Kabuli_NC_021161.1_5451190	Ca_kabuli_chr02	5451190	[A/G]	1067291614
Ca_Kabuli_NC_021161.1_5462998	Ca_kabuli_chr02	5462998	[T/G]	1067291615
Ca_Kabuli_NC_021161.1_5472554	Ca_kabuli_chr02	5472554	[A/G]	1067291616
Ca_Kabuli_NC_021161.1_5472556	Ca_kabuli_chr02	5472556	[T/G]	1067291617
Ca_Kabuli_NC_021161.1_5564516	Ca_kabuli_chr02	5564516	[A/C]	1067291618
Ca_Kabuli_NC_021161.1_5601080	Ca_kabuli_chr02	5601080	[A/G]	1067291619
Ca_Kabuli_NC_021161.1_5601093	Ca_kabuli_chr02	5601093	[G/T]	1067291620
Ca_Kabuli_NC_021161.1_5601099	Ca_kabuli_chr02	5601099	[A/G]	1067291621
Ca_Kabuli_NC_021161.1_5601105	Ca_kabuli_chr02	5601105	[A/G]	1067291622

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_5661664	Ca_kabuli_chr02	5661664	[T/C]	1067291625
Ca_Kabuli_NC_021161.1_5829447	Ca_kabuli_chr02	5829447	[T/C]	1067291626
Ca_Kabuli_NC_021161.1_5829454	Ca_kabuli_chr02	5829454	[A/C]	1067291627
Ca_Kabuli_NC_021161.1_5866786	Ca_kabuli_chr02	5866786	[T/C]	1067291628
Ca_Kabuli_NC_021161.1_5866794	Ca_kabuli_chr02	5866794	[C/A]	1067291629
Ca_Kabuli_NC_021161.1_5866795	Ca_kabuli_chr02	5866795	[A/G]	1067291630
Ca_Kabuli_NC_021161.1_5938046	Ca_kabuli_chr02	5938046	[A/G]	1067291631
Ca_Kabuli_NC_021161.1_6052668	Ca_kabuli_chr02	6052668	[A/C]	1067291632
Ca_Kabuli_NC_021161.1_6054862	Ca_kabuli_chr02	6054862	[A/G]	1067291633
Ca_Kabuli_NC_021161.1_6054880	Ca_kabuli_chr02	6054880	[A/G]	1067291634
Ca_Kabuli_NC_021161.1_6054890	Ca_kabuli_chr02	6054890	[T/C]	1067291635
Ca_Kabuli_NC_021161.1_6130262	Ca_kabuli_chr02	6130262	[A/G]	1067291636
Ca_Kabuli_NC_021161.1_6130275	Ca_kabuli_chr02	6130275	[T/G]	1067291637
Ca_Kabuli_NC_021161.1_6130277	Ca_kabuli_chr02	6130277	[A/T]	1067291638
Ca_Kabuli_NC_021161.1_6130289	Ca_kabuli_chr02	6130289	[A/G]	1067291639
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Ca_Kabuli_NC_021161.1_6162613	Ca_kabuli_chr02	6162613	[A/C]	1067291641
Ca_Kabuli_NC_021161.1_6246589	Ca_kabuli_chr02	6246589	[A/G]	1067291642
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Ca_Kabuli_NC_021161.1_6367704	Ca_kabuli_chr02	6367704	[A/C]	1067291647
Ca_Kabuli_NC_021161.1_6392257	Ca_kabuli_chr02	6392257	[T/C]	1067291648
Ca_Kabuli_NC_021161.1_6392296	Ca_kabuli_chr02	6392296	[T/C]	1067291649
Ca_Kabuli_NC_021161.1_6396845	Ca_kabuli_chr02	6396845	[T/C]	1067291650
Ca_Kabuli_NC_021161.1_6396873	Ca_kabuli_chr02	6396873	[A/G]	1067291651
Ca_Kabuli_NC_021161.1_6396886	Ca_kabuli_chr02	6396886	[A/G]	1067291652
Ca_Kabuli_NC_021161.1_6397711	Ca_kabuli_chr02	6397711	[T/G]	1067291653
Ca_Kabuli_NC_021161.1_6408374	Ca_kabuli_chr02	6408374	[C/G]	1067291654
Ca_Kabuli_NC_021161.1_6408390	Ca_kabuli_chr02	6408390	[T/A]	1067291655
Ca_Kabuli_NC_021161.1_6412020	Ca_kabuli_chr02	6412020	[C/T]	1067291656

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_6750401	Ca_kabuli_chr02	6750401	[T/G]	1067291659
Ca_Kabuli_NC_021161.1_6750409	Ca_kabuli_chr02	6750409	[T/A]	1067291660
Ca_Kabuli_NC_021161.1_6750412	Ca_kabuli_chr02	6750412	[A/C]	1067291661
Ca_Kabuli_NC_021161.1_6750437	Ca_kabuli_chr02	6750437	[A/G]	1067291662
Ca_Kabuli_NC_021161.1_6936812	Ca_kabuli_chr02	6936812	[A/G]	1067291663
Ca_Kabuli_NC_021161.1_6936821	Ca_kabuli_chr02	6936821	[T/C]	1067291664
Ca_Kabuli_NC_021161.1_6936827	Ca_kabuli_chr02	6936827	[T/C]	1067291665
Ca_Kabuli_NC_021161.1_7046939	Ca_kabuli_chr02	7046939	[T/A]	1067291666
Ca_Kabuli_NC_021161.1_7046942	Ca_kabuli_chr02	7046942	[T/C]	1067291667
Ca_Kabuli_NC_021161.1_7047004	Ca_kabuli_chr02	7047004	[T/G]	1067291668
Ca_Kabuli_NC_021161.1_7047015	Ca_kabuli_chr02	7047015	[C/G]	1067291669
Ca_Kabuli_NC_021161.1_7047141	Ca_kabuli_chr02	7047141	[A/G]	1067291670
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Ca_Kabuli_NC_021161.1_7047182	Ca_kabuli_chr02	7047182	[A/C]	1067291672
Ca_Kabuli_NC_021161.1_7047186	Ca_kabuli_chr02	7047186	[A/C]	1067291673
Ca_Kabuli_NC_021161.1_7047212	Ca_kabuli_chr02	7047212	[A/C]	1067291674
Ca_Kabuli_NC_021161.1_7051422	Ca_kabuli_chr02	7051422	[A/G]	1067291675
Ca_Kabuli_NC_021161.1_7051424	Ca_kabuli_chr02	7051424	[G/A]	1067291676
Ca_Kabuli_NC_021161.1_7051426	Ca_kabuli_chr02	7051426	[A/C]	1067291677
Ca_Kabuli_NC_021161.1_7051427	Ca_kabuli_chr02	7051427	[C/G]	1067291678
Ca_Kabuli_NC_021161.1_7083705	Ca_kabuli_chr02	7083705	[T/C]	1067291679
Ca_Kabuli_NC_021161.1_7125951	Ca_kabuli_chr02	7125951	[T/G]	1067291680
Ca_Kabuli_NC_021161.1_7125959	Ca_kabuli_chr02	7125959	[C/A]	1067291681
Ca_Kabuli_NC_021161.1_7125970	Ca_kabuli_chr02	7125970	[G/A]	1067291682
Ca_Kabuli_NC_021161.1_7125992	Ca_kabuli_chr02	7125992	[T/G]	1067291683
Ca_Kabuli_NC_021161.1_7126029	Ca_kabuli_chr02	7126029	[A/C]	1067291684
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Ca_Kabuli_NC_021161.1_7570375	Ca_kabuli_chr02	7570375	[T/G]	1067291686
Ca_Kabuli_NC_021161.1_7570376	Ca_kabuli_chr02	7570376	[T/G]	1067291687
Ca_Kabuli_NC_021161.1_7570377	Ca_kabuli_chr02	7570377	[G/T]	1067291688
Ca_Kabuli_NC_021161.1_7570378	Ca_kabuli_chr02	7570378	[G/A]	1067291689
Ca_Kabuli_NC_021161.1_7570379	Ca_kabuli_chr02	7570379	[A/G]	1067291690

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_7668523	Ca_kabuli_chr02	7668523	[A/C]	1067291694
Ca_Kabuli_NC_021161.1_7679627	Ca_kabuli_chr02	7679627	[A/T]	1067291695
Ca_Kabuli_NC_021161.1_7679693	Ca_kabuli_chr02	7679693	[C/G]	1067291696
Ca_Kabuli_NC_021161.1_7701199	Ca_kabuli_chr02	7701199	[T/G]	1067291697
Ca_Kabuli_NC_021161.1_7701201	Ca_kabuli_chr02	7701201	[T/G]	1067291698
Ca_Kabuli_NC_021161.1_7701203	Ca_kabuli_chr02	7701203	[T/G]	1067291699
Ca_Kabuli_NC_021161.1_7701206	Ca_kabuli_chr02	7701206	[T/A]	1067291700
Ca_Kabuli_NC_021161.1_7701208	Ca_kabuli_chr02	7701208	[A/T]	1067291701
Ca_Kabuli_NC_021161.1_7701216	Ca_kabuli_chr02	7701216	[T/G]	1067291702
Ca_Kabuli_NC_021161.1_7711924	Ca_kabuli_chr02	7711924	[T/A]	1067291703
Ca_Kabuli_NC_021161.1_7712233	Ca_kabuli_chr02	7712233	[T/G]	1067291704
Ca_Kabuli_NC_021161.1_7712249	Ca_kabuli_chr02	7712249	[T/G]	1067291705
Ca_Kabuli_NC_021161.1_7714220	Ca_kabuli_chr02	7714220	[G/A]	1067291706
Ca_Kabuli_NC_021161.1_7714332	Ca_kabuli_chr02	7714332	[A/T]	1067291707
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Ca_Kabuli_NC_021161.1_7715055	Ca_kabuli_chr02	7715055	[T/C]	1067291710
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Ca_Kabuli_NC_021161.1_7715074	Ca_kabuli_chr02	7715074	[T/A]	1067291712
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Ca_Kabuli_NC_021161.1_7852713	Ca_kabuli_chr02	7852713	[G/A]	1067291719
Ca_Kabuli_NC_021161.1_7861570	Ca_kabuli_chr02	7861570	[A/C]	1067291720
Ca_Kabuli_NC_021161.1_7870840	Ca_kabuli_chr02	7870840	[A/T]	1067291721
Ca_Kabuli_NC_021161.1_7870843	Ca_kabuli_chr02	7870843	[A/C]	1067291722
Ca_Kabuli_NC_021161.1_7870943	Ca_kabuli_chr02	7870943	[T/G]	1067291723
Ca_Kabuli_NC_021161.1_7871084	Ca_kabuli_chr02	7871084	[T/A]	1067291724

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_7872719	Ca_kabuli_chr02	7872719	[A/C]	1067291727
Ca_Kabuli_NC_021161.1_8200027	Ca_kabuli_chr02	8200027	[A/G]	1067291728
Ca_Kabuli_NC_021161.1_8201025	Ca_kabuli_chr02	8201025	[A/C]	1067291729
Ca_Kabuli_NC_021161.1_8261979	Ca_kabuli_chr02	8261979	[T/A]	1067291730
Ca_Kabuli_NC_021161.1_8261989	Ca_kabuli_chr02	8261989	[T/G]	1067291731
Ca_Kabuli_NC_021161.1_8337534	Ca_kabuli_chr02	8337534	[A/C]	1067291732
Ca_Kabuli_NC_021161.1_8360347	Ca_kabuli_chr02	8360347	[T/A]	1067291733
Ca_Kabuli_NC_021161.1_8360348	Ca_kabuli_chr02	8360348	[C/A]	1067291734
Ca_Kabuli_NC_021161.1_8360349	Ca_kabuli_chr02	8360349	[T/G]	1067291735
Ca_Kabuli_NC_021161.1_8375893	Ca_kabuli_chr02	8375893	[T/C]	1067291736
Ca_Kabuli_NC_021161.1_8375895	Ca_kabuli_chr02	8375895	[A/G]	1067291737
Ca_Kabuli_NC_021161.1_8516215	Ca_kabuli_chr02	8516215	[T/A]	1067291738
Ca_Kabuli_NC_021161.1_8516235	Ca_kabuli_chr02	8516235	[A/C]	1067291739
Ca_Kabuli_NC_021161.1_8516269	Ca_kabuli_chr02	8516269	[A/G]	1067291740
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Ca_Kabuli_NC_021161.1_8600511	Ca_kabuli_chr02	8600511	[A/T]	1067291742
Ca_Kabuli_NC_021161.1_8634831	Ca_kabuli_chr02	8634831	[A/G]	1067291743
Ca_Kabuli_NC_021161.1_8733429	Ca_kabuli_chr02	8733429	[A/T]	1067291744
Ca_Kabuli_NC_021161.1_8782786	Ca_kabuli_chr02	8782786	[T/C]	1067291745
Ca_Kabuli_NC_021161.1_8782791	Ca_kabuli_chr02	8782791	[T/C]	1067291746
Ca_Kabuli_NC_021161.1_8802121	Ca_kabuli_chr02	8802121	[T/C]	1067291747
Ca_Kabuli_NC_021161.1_9459001	Ca_kabuli_chr02	9459001	[T/G]	1067291748
Ca_Kabuli_NC_021161.1_9598708	Ca_kabuli_chr02	9598708	[A/C]	1067291749
Ca_Kabuli_NC_021161.1_9621950	Ca_kabuli_chr02	9621950	[A/C]	1067291750
Ca_Kabuli_NC_021161.1_9621953	Ca_kabuli_chr02	9621953	[A/C]	1067291751
Ca_Kabuli_NC_021161.1_9621986	Ca_kabuli_chr02	9621986	[T/G]	1067291752
Ca_Kabuli_NC_021161.1_9756907	Ca_kabuli_chr02	9756907	[G/T]	1067291753
Ca_Kabuli_NC_021161.1_9756955	Ca_kabuli_chr02	9756955	[G/A]	1067291754
Ca_Kabuli_NC_021161.1_9857985	Ca_kabuli_chr02	9857985	[T/G]	1067291755
Ca_Kabuli_NC_021161.1_9906081	Ca_kabuli_chr02	9906081	[T/G]	1067291756
Ca_Kabuli_NC_021161.1_9986816	Ca_kabuli_chr02	9986816	[T/G]	1067291757
Ca_Kabuli_NC_021161.1_10023259	Ca_kabuli_chr02	10023259	[T/G]	1067291758



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_10068454	Ca_kabuli_chr02	10068454	[C/A]	1067291762
Ca_Kabuli_NC_021161.1_10068455	Ca_kabuli_chr02	10068455	[T/G]	1067291763
Ca_Kabuli_NC_021161.1_10434697	Ca_kabuli_chr02	10434697	[T/G]	1067291764
Ca_Kabuli_NC_021161.1_10637651	Ca_kabuli_chr02	10637651	[A/C]	1067291765
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Ca_Kabuli_NC_021161.1_10863335	Ca_kabuli_chr02	10863335	[T/C]	1067291767
Ca_Kabuli_NC_021161.1_10863413	Ca_kabuli_chr02	10863413	[A/C]	1067291768
Ca_Kabuli_NC_021161.1_10943245	Ca_kabuli_chr02	10943245	[A/C]	1067291769
Ca_Kabuli_NC_021161.1_10943421	Ca_kabuli_chr02	10943421	[A/T]	1067291770
Ca_Kabuli_NC_021161.1_11018696	Ca_kabuli_chr02	11018696	[T/C]	1067291771
Ca_Kabuli_NC_021161.1_11121406	Ca_kabuli_chr02	11121406	[T/G]	1067291772
Ca_Kabuli_NC_021161.1_11121441	Ca_kabuli_chr02	11121441	[A/C]	1067291773
Ca_Kabuli_NC_021161.1_11246842	Ca_kabuli_chr02	11246842	[G/A]	1067291774
Ca_Kabuli_NC_021161.1_11353931	Ca_kabuli_chr02	11353931	[T/C]	1067291775
Ca_Kabuli_NC_021161.1_11353934	Ca_kabuli_chr02	11353934	[A/T]	1067291776
Ca_Kabuli_NC_021161.1_11441401	Ca_kabuli_chr02	11441401	[T/C]	1067291777
Ca_Kabuli_NC_021161.1_11441435	Ca_kabuli_chr02	11441435	[A/G]	1067291778
Ca_Kabuli_NC_021161.1_11456773	Ca_kabuli_chr02	11456773	[A/C]	1067291779
Ca_Kabuli_NC_021161.1_11456976	Ca_kabuli_chr02	11456976	[T/A]	1067291780
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Ca_Kabuli_NC_021161.1_11922886	Ca_kabuli_chr02	11922886	[T/C]	1067291785
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Ca_Kabuli_NC_021161.1_11922922	Ca_kabuli_chr02	11922922	[A/G]	1067291787
Ca_Kabuli_NC_021161.1_12006214	Ca_kabuli_chr02	12006214	[A/C]	1067291788
Ca_Kabuli_NC_021161.1_12006236	Ca_kabuli_chr02	12006236	[T/A]	1067291789
Ca_Kabuli_NC_021161.1_12006243	Ca_kabuli_chr02	12006243	[A/C]	1067291790
Ca_Kabuli_NC_021161.1_12006260	Ca_kabuli_chr02	12006260	[T/A]	1067291791
Ca_Kabuli_NC_021161.1_12154019	Ca_kabuli_chr02	12154019	[T/G]	1067291792

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_12278521	Ca_kabuli_chr02	12278521	[A/T]	1067291795
Ca_Kabuli_NC_021161.1_12298536	Ca_kabuli_chr02	12298536	[T/A]	1067291796
Ca_Kabuli_NC_021161.1_12515511	Ca_kabuli_chr02	12515511	[T/G]	1067291797
Ca_Kabuli_NC_021161.1_12517618	Ca_kabuli_chr02	12517618	[A/G]	1067291798
Ca_Kabuli_NC_021161.1_12517629	Ca_kabuli_chr02	12517629	[A/G]	1067291799
Ca_Kabuli_NC_021161.1_12517654	Ca_kabuli_chr02	12517654	[A/G]	1067291800
Ca_Kabuli_NC_021161.1_12517665	Ca_kabuli_chr02	12517665	[A/G]	1067291801
Ca_Kabuli_NC_021161.1_12517674	Ca_kabuli_chr02	12517674	[A/G]	1067291802
Ca_Kabuli_NC_021161.1_12518273	Ca_kabuli_chr02	12518273	[T/G]	1067291803
Ca_Kabuli_NC_021161.1_12519390	Ca_kabuli_chr02	12519390	[T/C]	1067291804
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Ca_Kabuli_NC_021161.1_12519406	Ca_kabuli_chr02	12519406	[A/G]	1067291806
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Ca_Kabuli_NC_021161.1_12519430	Ca_kabuli_chr02	12519430	[T/A]	1067291808
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Ca_Kabuli_NC_021161.1_12794446	Ca_kabuli_chr02	12794446	[T/A]	1067291812
Ca_Kabuli_NC_021161.1_12862857	Ca_kabuli_chr02	12862857	[T/C]	1067291813
Ca_Kabuli_NC_021161.1_13079528	Ca_kabuli_chr02	13079528	[T/A]	1067291814
Ca_Kabuli_NC_021161.1_13135203	Ca_kabuli_chr02	13135203	[T/A]	1067291815
Ca_Kabuli_NC_021161.1_13135230	Ca_kabuli_chr02	13135230	[A/G]	1067291816
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Ca_Kabuli_NC_021161.1_13217756	Ca_kabuli_chr02	13217756	[A/G]	1067291818
Ca_Kabuli_NC_021161.1_13217758	Ca_kabuli_chr02	13217758	[T/C]	1067291819
Ca_Kabuli_NC_021161.1_13217809	Ca_kabuli_chr02	13217809	[T/C]	1067291820
Ca_Kabuli_NC_021161.1_13217903	Ca_kabuli_chr02	13217903	[A/C]	1067291821
Ca_Kabuli_NC_021161.1_13217904	Ca_kabuli_chr02	13217904	[G/T]	1067291822
Ca_Kabuli_NC_021161.1_13217905	Ca_kabuli_chr02	13217905	[A/C]	1067291823
Ca_Kabuli_NC_021161.1_13217906	Ca_kabuli_chr02	13217906	[T/C]	1067291824
Ca_Kabuli_NC_021161.1_13297592	Ca_kabuli_chr02	13297592	[T/G]	1067291825
Ca_Kabuli_NC_021161.1_13297594	Ca_kabuli_chr02	13297594	[T/G]	1067291826

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_13297603	Ca_kabuli_chr02	13297603	[A/G]	1067291829
Ca_Kabuli_NC_021161.1_13354975	Ca_kabuli_chr02	13354975	[T/G]	1067291830
Ca_Kabuli_NC_021161.1_13355140	Ca_kabuli_chr02	13355140	[C/A]	1067291831
Ca_Kabuli_NC_021161.1_13355647	Ca_kabuli_chr02	13355647	[A/C]	1067291832
Ca_Kabuli_NC_021161.1_13355677	Ca_kabuli_chr02	13355677	[T/C]	1067291833
Ca_Kabuli_NC_021161.1_13411523	Ca_kabuli_chr02	13411523	[A/C]	1067291834
Ca_Kabuli_NC_021161.1_13411540	Ca_kabuli_chr02	13411540	[T/G]	1067291835
Ca_Kabuli_NC_021161.1_13411543	Ca_kabuli_chr02	13411543	[T/G]	1067291836
Ca_Kabuli_NC_021161.1_13435061	Ca_kabuli_chr02	13435061	[A/T]	1067291837
Ca_Kabuli_NC_021161.1_13529048	Ca_kabuli_chr02	13529048	[A/G]	1067291838
Ca_Kabuli_NC_021161.1_13529086	Ca_kabuli_chr02	13529086	[T/C]	1067291839
Ca_Kabuli_NC_021161.1_13539273	Ca_kabuli_chr02	13539273	[C/A]	1067291840
Ca_Kabuli_NC_021161.1_13541139	Ca_kabuli_chr02	13541139	[T/G]	1067291841
Ca_Kabuli_NC_021161.1_13541148	Ca_kabuli_chr02	13541148	[G/T]	1067291842
Ca_Kabuli_NC_021161.1_13541156	Ca_kabuli_chr02	13541156	[A/G]	1067291843
Ca_Kabuli_NC_021161.1_13541171	Ca_kabuli_chr02	13541171	[A/G]	1067291844
Ca_Kabuli_NC_021161.1_13541195	Ca_kabuli_chr02	13541195	[A/T]	1067291845
Ca_Kabuli_NC_021161.1_13632204	Ca_kabuli_chr02	13632204	[T/G]	1067291846
Ca_Kabuli_NC_021161.1_13632221	Ca_kabuli_chr02	13632221	[T/G]	1067291847
Ca_Kabuli_NC_021161.1_13756720	Ca_kabuli_chr02	13756720	[A/G]	1067291848
Ca_Kabuli_NC_021161.1_13923504	Ca_kabuli_chr02	13923504	[A/G]	1067291849
Ca_Kabuli_NC_021161.1_13946495	Ca_kabuli_chr02	13946495	[A/G]	1067291850
Ca_Kabuli_NC_021161.1_14005994	Ca_kabuli_chr02	14005994	[T/C]	1067291851
Ca_Kabuli_NC_021161.1_14006013	Ca_kabuli_chr02	14006013	[A/G]	1067291852
Ca_Kabuli_NC_021161.1_14006027	Ca_kabuli_chr02	14006027	[A/G]	1067291853
Ca_Kabuli_NC_021161.1_14101836	Ca_kabuli_chr02	14101836	[A/T]	1067291854
Ca_Kabuli_NC_021161.1_14134347	Ca_kabuli_chr02	14134347	[G/T]	1067291855
Ca_Kabuli_NC_021161.1_14134364	Ca_kabuli_chr02	14134364	[A/G]	1067291856
Ca_Kabuli_NC_021161.1_14134371	Ca_kabuli_chr02	14134371	[A/C]	1067291857
Ca_Kabuli_NC_021161.1_14134676	Ca_kabuli_chr02	14134676	[T/C]	1067291858
Ca_Kabuli_NC_021161.1_14134681	Ca_kabuli_chr02	14134681	[C/A]	1067291859
Ca_Kabuli_NC_021161.1_14134712	Ca_kabuli_chr02	14134712	[A/G]	1067291860

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021161.1_14134719	Ca_kabuli_chr02	14134719	[A/G]	1067291861
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Ca_Kabuli_NC_021161.1_14136050	Ca_kabuli_chr02	14136050	[T/C]	1067291863
Ca_Kabuli_NC_021161.1_14136061	Ca_kabuli_chr02	14136061	[A/C]	1067291864
Ca_Kabuli_NC_021161.1_14136223	Ca_kabuli_chr02	14136223	[A/C]	1067291865
Ca_Kabuli_NC_021161.1_14136229	Ca_kabuli_chr02	14136229	[A/C]	1067291866
Ca_Kabuli_NC_021161.1_14188615	Ca_kabuli_chr02	14188615	[T/G]	1067291867
Ca_Kabuli_NC_021161.1_15201537	Ca_kabuli_chr02	15201537	[G/T]	1067291868
Ca_Kabuli_NC_021161.1_15363526	Ca_kabuli_chr02	15363526	[G/A]	1067291869
Ca_Kabuli_NC_021161.1_15363570	Ca_kabuli_chr02	15363570	[C/A]	1067291870
Ca_Kabuli_NC_021161.1_15363572	Ca_kabuli_chr02	15363572	[T/A]	1067291871
Ca_Kabuli_NC_021161.1_15389426	Ca_kabuli_chr02	15389426	[T/C]	1067291872
Ca_Kabuli_NC_021161.1_15389455	Ca_kabuli_chr02	15389455	[A/G]	1067291873
Ca_Kabuli_NC_021161.1_15390723	Ca_kabuli_chr02	15390723	[A/C]	1067291874
Ca_Kabuli_NC_021161.1_15610615	Ca_kabuli_chr02	15610615	[A/T]	1067291875
Ca_Kabuli_NC_021161.1_15821481	Ca_kabuli_chr02	15821481	[G/A]	1067291876
Ca_Kabuli_NC_021161.1_15821500	Ca_kabuli_chr02	15821500	[A/C]	1067291877
Ca_Kabuli_NC_021161.1_15821568	Ca_kabuli_chr02	15821568	[T/G]	1067291878
Ca_Kabuli_NC_021161.1_16448465	Ca_kabuli_chr02	16448465	[A/T]	1067291879
Ca_Kabuli_NC_021161.1_16448473	Ca_kabuli_chr02	16448473	[T/G]	1067291880
Ca_Kabuli_NC_021161.1_16448478	Ca_kabuli_chr02	16448478	[A/T]	1067291881
Ca_Kabuli_NC_021161.1_16552569	Ca_kabuli_chr02	16552569	[T/C]	1067291882
Ca_Kabuli_NC_021161.1_16563121	Ca_kabuli_chr02	16563121	[A/T]	1067291883
Ca_Kabuli_NC_021161.1_16563123	Ca_kabuli_chr02	16563123	[C/T]	1067291884
Ca_Kabuli_NC_021161.1_16563125	Ca_kabuli_chr02	16563125	[A/T]	1067291885
Ca_Kabuli_NC_021161.1_16563133	Ca_kabuli_chr02	16563133	[A/T]	1067291886
Ca_Kabuli_NC_021161.1_16692101	Ca_kabuli_chr02	16692101	[T/C]	1067291887
Ca_Kabuli_NC_021161.1_16692126	Ca_kabuli_chr02	16692126	[A/G]	1067291888
Ca_Kabuli_NC_021161.1_16692134	Ca_kabuli_chr02	16692134	[T/C]	1067291889
Ca_Kabuli_NC_021161.1_16692137	Ca_kabuli_chr02	16692137	[A/C]	1067291890
Ca_Kabuli_NC_021161.1_17010035	Ca_kabuli_chr02	17010035	[C/A]	1067291891
Ca_Kabuli_NC_021161.1_17010037	Ca_kabuli_chr02	17010037	[G/A]	1067291892
Ca_Kabuli_NC_021161.1_17010038	Ca_kabuli_chr02	17010038	[C/T]	1067291893
Ca_Kabuli_NC_021161.1_17010039	Ca_kabuli_chr02	17010039	[A/C]	1067291894

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_17185183	Ca_kabuli_chr02	17185183	[A/T]	1067291896
Ca_Kabuli_NC_021161.1_17185186	Ca_kabuli_chr02	17185186	[A/G]	1067291897
Ca_Kabuli_NC_021161.1_17185200	Ca_kabuli_chr02	17185200	[A/C]	1067291898
Ca_Kabuli_NC_021161.1_17204167	Ca_kabuli_chr02	17204167	[C/T]	1067291899
Ca_Kabuli_NC_021161.1_17427646	Ca_kabuli_chr02	17427646	[T/G]	1067291900
Ca_Kabuli_NC_021161.1_17427679	Ca_kabuli_chr02	17427679	[T/G]	1067291901
Ca_Kabuli_NC_021161.1_17681915	Ca_kabuli_chr02	17681915	[C/T]	1067291902
Ca_Kabuli_NC_021161.1_17910565	Ca_kabuli_chr02	17910565	[T/G]	1067291903
Ca_Kabuli_NC_021161.1_18457266	Ca_kabuli_chr02	18457266	[A/G]	1067291904
Ca_Kabuli_NC_021161.1_18631374	Ca_kabuli_chr02	18631374	[T/G]	1067291905
Ca_Kabuli_NC_021161.1_18631385	Ca_kabuli_chr02	18631385	[T/G]	1067291906
Ca_Kabuli_NC_021161.1_18631471	Ca_kabuli_chr02	18631471	[T/A]	1067291907
Ca_Kabuli_NC_021161.1_18631478	Ca_kabuli_chr02	18631478	[A/C]	1067291908
Ca_Kabuli_NC_021161.1_18671571	Ca_kabuli_chr02	18671571	[C/T]	1067291909
Ca_Kabuli_NC_021161.1_18671572	Ca_kabuli_chr02	18671572	[C/T]	1067291910
Ca_Kabuli_NC_021161.1_18671574	Ca_kabuli_chr02	18671574	[G/A]	1067291911
Ca_Kabuli_NC_021161.1_18712473	Ca_kabuli_chr02	18712473	[C/T]	1067291912
Ca_Kabuli_NC_021161.1_19204733	Ca_kabuli_chr02	19204733	[C/T]	1067291913
Ca_Kabuli_NC_021161.1_19204759	Ca_kabuli_chr02	19204759	[T/A]	1067291914
Ca_Kabuli_NC_021161.1_19901544	Ca_kabuli_chr02	19901544	[A/C]	1067291915
Ca_Kabuli_NC_021161.1_19901593	Ca_kabuli_chr02	19901593	[G/A]	1067291916
Ca_Kabuli_NC_021161.1_19901595	Ca_kabuli_chr02	19901595	[T/C]	1067291917
Ca_Kabuli_NC_021161.1_20042847	Ca_kabuli_chr02	20042847	[T/C]	1067291918
Ca_Kabuli_NC_021161.1_20812096	Ca_kabuli_chr02	20812096	[G/A]	1067291919
Ca_Kabuli_NC_021161.1_20829560	Ca_kabuli_chr02	20829560	[T/G]	1067291920
Ca_Kabuli_NC_021161.1_20829582	Ca_kabuli_chr02	20829582	[T/A]	1067291921
Ca_Kabuli_NC_021161.1_21159158	Ca_kabuli_chr02	21159158	[A/T]	1067291922
Ca_Kabuli_NC_021161.1_21159254	Ca_kabuli_chr02	21159254	[C/T]	1067291923
Ca_Kabuli_NC_021161.1_21159275	Ca_kabuli_chr02	21159275	[G/A]	1067291924
Ca_Kabuli_NC_021161.1_21764792	Ca_kabuli_chr02	21764792	[T/C]	1067291925
Ca_Kabuli_NC_021161.1_21849874	Ca_kabuli_chr02	21849874	[A/T]	1067291926
Ca_Kabuli_NC_021161.1_21904437	Ca_kabuli_chr02	21904437	[T/C]	1067291927
Ca_Kabuli_NC_021161.1_22104801	Ca_kabuli_chr02	22104801	[G/A]	1067291928

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_22536190	Ca_kabuli_chr02	22536190	[A/G]	1067291930
Ca_Kabuli_NC_021161.1_22542135	Ca_kabuli_chr02	22542135	[T/G]	1067291931
Ca_Kabuli_NC_021161.1_22542274	Ca_kabuli_chr02	22542274	[G/T]	1067291932
Ca_Kabuli_NC_021161.1_22702701	Ca_kabuli_chr02	22702701	[A/G]	1067291933
Ca_Kabuli_NC_021161.1_22704098	Ca_kabuli_chr02	22704098	[T/G]	1067291934
Ca_Kabuli_NC_021161.1_22719678	Ca_kabuli_chr02	22719678	[T/A]	1067291935
Ca_Kabuli_NC_021161.1_22770275	Ca_kabuli_chr02	22770275	[A/C]	1067291936
Ca_Kabuli_NC_021161.1_22770306	Ca_kabuli_chr02	22770306	[T/C]	1067291937
Ca_Kabuli_NC_021161.1_22818416	Ca_kabuli_chr02	22818416	[T/C]	1067291938
Ca_Kabuli_NC_021161.1_22849526	Ca_kabuli_chr02	22849526	[C/G]	1067291939
Ca_Kabuli_NC_021161.1_23127798	Ca_kabuli_chr02	23127798	[T/C]	1067291940
Ca_Kabuli_NC_021161.1_23127810	Ca_kabuli_chr02	23127810	[A/C]	1067291941
Ca_Kabuli_NC_021161.1_23141573	Ca_kabuli_chr02	23141573	[A/C]	1067291942
Ca_Kabuli_NC_021161.1_23181177	Ca_kabuli_chr02	23181177	[A/C]	1067291943
Ca_Kabuli_NC_021161.1_23182319	Ca_kabuli_chr02	23182319	[A/G]	1067291944
Ca_Kabuli_NC_021161.1_23217505	Ca_kabuli_chr02	23217505	[A/T]	1067291945
Ca_Kabuli_NC_021161.1_23217508	Ca_kabuli_chr02	23217508	[A/C]	1067291946
Ca_Kabuli_NC_021161.1_23217524	Ca_kabuli_chr02	23217524	[A/C]	1067291947
Ca_Kabuli_NC_021161.1_23219939	Ca_kabuli_chr02	23219939	[C/A]	1067291948
Ca_Kabuli_NC_021161.1_23297194	Ca_kabuli_chr02	23297194	[T/G]	1067291949
Ca_Kabuli_NC_021161.1_23297203	Ca_kabuli_chr02	23297203	[T/A]	1067291950
Ca_Kabuli_NC_021161.1_23297341	Ca_kabuli_chr02	23297341	[A/C]	1067291951
Ca_Kabuli_NC_021161.1_23297458	Ca_kabuli_chr02	23297458	[A/G]	1067291952
Ca_Kabuli_NC_021161.1_23329362	Ca_kabuli_chr02	23329362	[T/C]	1067291953
Ca_Kabuli_NC_021161.1_23329385	Ca_kabuli_chr02	23329385	[T/C]	1067291954
Ca_Kabuli_NC_021161.1_23329392	Ca_kabuli_chr02	23329392	[A/C]	1067291955
Ca_Kabuli_NC_021161.1_23337832	Ca_kabuli_chr02	23337832	[C/A]	1067291956
Ca_Kabuli_NC_021161.1_23337834	Ca_kabuli_chr02	23337834	[A/C]	1067291957
Ca_Kabuli_NC_021161.1_23346218	Ca_kabuli_chr02	23346218	[G/A]	1067291958
Ca_Kabuli_NC_021161.1_23346299	Ca_kabuli_chr02	23346299	[A/C]	1067291959
Ca_Kabuli_NC_021161.1_23354434	Ca_kabuli_chr02	23354434	[A/C]	1067291960
Ca_Kabuli_NC_021161.1_23433522	Ca_kabuli_chr02	23433522	[A/G]	1067291961
Ca_Kabuli_NC_021161.1_23435792	Ca_kabuli_chr02	23435792	[A/G]	1067291962

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_23439889	Ca_kabuli_chr02	23439889	[A/G]	1067291964
Ca_Kabuli_NC_021161.1_23441701	Ca_kabuli_chr02	23441701	[T/A]	1067291965
Ca_Kabuli_NC_021161.1_23441737	Ca_kabuli_chr02	23441737	[A/C]	1067291966
Ca_Kabuli_NC_021161.1_23910254	Ca_kabuli_chr02	23910254	[T/C]	1067291967
Ca_Kabuli_NC_021161.1_23933608	Ca_kabuli_chr02	23933608	[G/C]	1067291968
Ca_Kabuli_NC_021161.1_23960995	Ca_kabuli_chr02	23960995	[T/C]	1067291969
Ca_Kabuli_NC_021161.1_24048033	Ca_kabuli_chr02	24048033	[T/G]	1067291970
Ca_Kabuli_NC_021161.1_24048084	Ca_kabuli_chr02	24048084	[A/C]	1067291971
Ca_Kabuli_NC_021161.1_24048087	Ca_kabuli_chr02	24048087	[A/C]	1067291972
Ca_Kabuli_NC_021161.1_24092328	Ca_kabuli_chr02	24092328	[T/C]	1067291973
Ca_Kabuli_NC_021161.1_24092331	Ca_kabuli_chr02	24092331	[T/C]	1067291974
Ca_Kabuli_NC_021161.1_24101339	Ca_kabuli_chr02	24101339	[A/C]	1067291975
Ca_Kabuli_NC_021161.1_24164862	Ca_kabuli_chr02	24164862	[A/C]	1067291976
Ca_Kabuli_NC_021161.1_24220954	Ca_kabuli_chr02	24220954	[A/C]	1067291977
Ca_Kabuli_NC_021161.1_24220955	Ca_kabuli_chr02	24220955	[G/T]	1067291978
Ca_Kabuli_NC_021161.1_24286153	Ca_kabuli_chr02	24286153	[C/A]	1067291979
Ca_Kabuli_NC_021161.1_24511121	Ca_kabuli_chr02	24511121	[G/A]	1067291980
Ca_Kabuli_NC_021161.1_24542913	Ca_kabuli_chr02	24542913	[T/A]	1067291981
Ca_Kabuli_NC_021161.1_24542917	Ca_kabuli_chr02	24542917	[A/C]	1067291982
Ca_Kabuli_NC_021161.1_24542934	Ca_kabuli_chr02	24542934	[A/G]	1067291983
Ca_Kabuli_NC_021161.1_24709026	Ca_kabuli_chr02	24709026	[T/G]	1067291984
Ca_Kabuli_NC_021161.1_24709295	Ca_kabuli_chr02	24709295	[G/A]	1067291985
Ca_Kabuli_NC_021161.1_24709315	Ca_kabuli_chr02	24709315	[T/G]	1067291986
Ca_Kabuli_NC_021161.1_24712004	Ca_kabuli_chr02	24712004	[T/C]	1067291987
Ca_Kabuli_NC_021161.1_24741144	Ca_kabuli_chr02	24741144	[T/A]	1067291988
Ca_Kabuli_NC_021161.1_24741159	Ca_kabuli_chr02	24741159	[T/G]	1067291989
Ca_Kabuli_NC_021161.1_24741195	Ca_kabuli_chr02	24741195	[C/T]	1067291990
Ca_Kabuli_NC_021161.1_24744708	Ca_kabuli_chr02	24744708	[T/G]	1067291991
Ca_Kabuli_NC_021161.1_24744717	Ca_kabuli_chr02	24744717	[T/G]	1067291992
Ca_Kabuli_NC_021161.1_24846391	Ca_kabuli_chr02	24846391	[A/C]	1067291993
Ca_Kabuli_NC_021161.1_24911088	Ca_kabuli_chr02	24911088	[A/G]	1067291994
Ca_Kabuli_NC_021161.1_24911135	Ca_kabuli_chr02	24911135	[A/G]	1067291995
Ca_Kabuli_NC_021161.1_25141453	Ca_kabuli_chr02	25141453	[T/C]	1067291996

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_25141474	Ca_kabuli_chr02	25141474	[T/C]	1067291999
Ca_Kabuli_NC_021161.1_25141487	Ca_kabuli_chr02	25141487	[A/G]	1067292000
Ca_Kabuli_NC_021161.1_25141493	Ca_kabuli_chr02	25141493	[A/T]	1067292001
Ca_Kabuli_NC_021161.1_25141504	Ca_kabuli_chr02	25141504	[T/C]	1067292002
Ca_Kabuli_NC_021161.1_25141506	Ca_kabuli_chr02	25141506	[A/T]	1067292003
Ca_Kabuli_NC_021161.1_25249607	Ca_kabuli_chr02	25249607	[T/C]	1067292004
Ca_Kabuli_NC_021161.1_25249615	Ca_kabuli_chr02	25249615	[T/G]	1067292005
Ca_Kabuli_NC_021161.1_25249618	Ca_kabuli_chr02	25249618	[A/G]	1067292006
Ca_Kabuli_NC_021161.1_25249635	Ca_kabuli_chr02	25249635	[A/C]	1067292007
Ca_Kabuli_NC_021161.1_25317252	Ca_kabuli_chr02	25317252	[T/G]	1067292008
Ca_Kabuli_NC_021161.1_25321120	Ca_kabuli_chr02	25321120	[T/G]	1067292009
Ca_Kabuli_NC_021161.1_25321812	Ca_kabuli_chr02	25321812	[T/A]	1067292010
Ca_Kabuli_NC_021161.1_25321837	Ca_kabuli_chr02	25321837	[A/C]	1067292011
Ca_Kabuli_NC_021161.1_25349105	Ca_kabuli_chr02	25349105	[G/T]	1067292012
Ca_Kabuli_NC_021161.1_25508879	Ca_kabuli_chr02	25508879	[A/C]	1067292013
Ca_Kabuli_NC_021161.1_25508914	Ca_kabuli_chr02	25508914	[A/C]	1067292014
Ca_Kabuli_NC_021161.1_25508941	Ca_kabuli_chr02	25508941	[A/T]	1067292015
Ca_Kabuli_NC_021161.1_25508973	Ca_kabuli_chr02	25508973	[T/C]	1067292016
Ca_Kabuli_NC_021161.1_25725665	Ca_kabuli_chr02	25725665	[G/T]	1067292017
Ca_Kabuli_NC_021161.1_25725688	Ca_kabuli_chr02	25725688	[G/A]	1067292018
Ca_Kabuli_NC_021161.1_25725692	Ca_kabuli_chr02	25725692	[C/T]	1067292019
Ca_Kabuli_NC_021161.1_25941062	Ca_kabuli_chr02	25941062	[A/C]	1067292020
Ca_Kabuli_NC_021161.1_25941072	Ca_kabuli_chr02	25941072	[T/C]	1067292021
Ca_Kabuli_NC_021161.1_25984147	Ca_kabuli_chr02	25984147	[A/G]	1067292022
Ca_Kabuli_NC_021161.1_25984184	Ca_kabuli_chr02	25984184	[A/G]	1067292023
Ca_Kabuli_NC_021161.1_25984208	Ca_kabuli_chr02	25984208	[T/C]	1067292024
Ca_Kabuli_NC_021161.1_26025852	Ca_kabuli_chr02	26025852	[A/G]	1067292025
Ca_Kabuli_NC_021161.1_26025885	Ca_kabuli_chr02	26025885	[A/G]	1067292026
Ca_Kabuli_NC_021161.1_26035673	Ca_kabuli_chr02	26035673	[C/T]	1067292027
Ca_Kabuli_NC_021161.1_26035674	Ca_kabuli_chr02	26035674	[G/C]	1067292028
Ca_Kabuli_NC_021161.1_26035675	Ca_kabuli_chr02	26035675	[G/T]	1067292029
Ca_Kabuli_NC_021161.1_26051628	Ca_kabuli_chr02	26051628	[A/T]	1067292030



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_26051657	Ca_kabuli_chr02	26051657	[A/T]	1067292032
Ca_Kabuli_NC_021161.1_26051659	Ca_kabuli_chr02	26051659	[T/G]	1067292033
Ca_Kabuli_NC_021161.1_26061758	Ca_kabuli_chr02	26061758	[T/A]	1067292034
Ca_Kabuli_NC_021161.1_26092916	Ca_kabuli_chr02	26092916	[C/A]	1067292035
Ca_Kabuli_NC_021161.1_26092997	Ca_kabuli_chr02	26092997	[A/C]	1067292036
Ca_Kabuli_NC_021161.1_26121429	Ca_kabuli_chr02	26121429	[A/G]	1067292037
Ca_Kabuli_NC_021161.1_26121431	Ca_kabuli_chr02	26121431	[G/T]	1067292038
Ca_Kabuli_NC_021161.1_26121448	Ca_kabuli_chr02	26121448	[C/T]	1067292039
Ca_Kabuli_NC_021161.1_26121519	Ca_kabuli_chr02	26121519	[T/G]	1067292040
Ca_Kabuli_NC_021161.1_26417225	Ca_kabuli_chr02	26417225	[C/A]	1067292041
Ca_Kabuli_NC_021161.1_26417226	Ca_kabuli_chr02	26417226	[T/G]	1067292042
Ca_Kabuli_NC_021161.1_26457480	Ca_kabuli_chr02	26457480	[G/A]	1067292043
Ca_Kabuli_NC_021161.1_26706735	Ca_kabuli_chr02	26706735	[A/C]	1067292044
Ca_Kabuli_NC_021161.1_26706740	Ca_kabuli_chr02	26706740	[C/A]	1067292045
Ca_Kabuli_NC_021161.1_26706752	Ca_kabuli_chr02	26706752	[C/T]	1067292046
Ca_Kabuli_NC_021161.1_26706782	Ca_kabuli_chr02	26706782	[G/A]	1067292047
Ca_Kabuli_NC_021161.1_26832618	Ca_kabuli_chr02	26832618	[G/T]	1067292048
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Ca_Kabuli_NC_021161.1_26871569	Ca_kabuli_chr02	26871569	[T/G]	1067292050
Ca_Kabuli_NC_021161.1_26871570	Ca_kabuli_chr02	26871570	[T/A]	1067292051
Ca_Kabuli_NC_021161.1_26871571	Ca_kabuli_chr02	26871571	[C/T]	1067292052
Ca_Kabuli_NC_021161.1_26875498	Ca_kabuli_chr02	26875498	[A/T]	1067292053
Ca_Kabuli_NC_021161.1_27056842	Ca_kabuli_chr02	27056842	[T/C]	1067292054
Ca_Kabuli_NC_021161.1_27056855	Ca_kabuli_chr02	27056855	[T/G]	1067292055
Ca_Kabuli_NC_021161.1_27057554	Ca_kabuli_chr02	27057554	[T/G]	1067292056
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Ca_Kabuli_NC_021161.1_27063610	Ca_kabuli_chr02	27063610	[G/T]	1067292058
Ca_Kabuli_NC_021161.1_27063723	Ca_kabuli_chr02	27063723	[T/A]	1067292059
Ca_Kabuli_NC_021161.1_27091401	Ca_kabuli_chr02	27091401	[A/G]	1067292060
Ca_Kabuli_NC_021161.1_27091403	Ca_kabuli_chr02	27091403	[T/C]	1067292061
Ca_Kabuli_NC_021161.1_27130718	Ca_kabuli_chr02	27130718	[T/G]	1067292062
Ca_Kabuli_NC_021161.1_27130753	Ca_kabuli_chr02	27130753	[A/C]	1067292063
Ca_Kabuli_NC_021161.1_27172568	Ca_kabuli_chr02	27172568	[G/A]	1067292064

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_27183708	Ca_kabuli_chr02	27183708	[A/C]	1067292067
Ca_Kabuli_NC_021161.1_27254655	Ca_kabuli_chr02	27254655	[C/T]	1067292068
Ca_Kabuli_NC_021161.1_27336078	Ca_kabuli_chr02	27336078	[T/C]	1067292069
Ca_Kabuli_NC_021161.1_27373969	Ca_kabuli_chr02	27373969	[A/T]	1067292070
Ca_Kabuli_NC_021161.1_27374109	Ca_kabuli_chr02	27374109	[A/C]	1067292071
Ca_Kabuli_NC_021161.1_27623253	Ca_kabuli_chr02	27623253	[A/C]	1067292072
Ca_Kabuli_NC_021161.1_27693643	Ca_kabuli_chr02	27693643	[T/G]	1067292073
Ca_Kabuli_NC_021161.1_27693652	Ca_kabuli_chr02	27693652	[T/C]	1067292074
Ca_Kabuli_NC_021161.1_27693703	Ca_kabuli_chr02	27693703	[A/G]	1067292075
Ca_Kabuli_NC_021161.1_27693707	Ca_kabuli_chr02	27693707	[T/C]	1067292076
Ca_Kabuli_NC_021161.1_27703354	Ca_kabuli_chr02	27703354	[A/G]	1067292077
Ca_Kabuli_NC_021161.1_27757565	Ca_kabuli_chr02	27757565	[G/T]	1067292078
Ca_Kabuli_NC_021161.1_27757573	Ca_kabuli_chr02	27757573	[T/C]	1067292079
Ca_Kabuli_NC_021161.1_27757800	Ca_kabuli_chr02	27757800	[T/C]	1067292080
Ca_Kabuli_NC_021161.1_27758034	Ca_kabuli_chr02	27758034	[T/C]	1067292081
Ca_Kabuli_NC_021161.1_27766605	Ca_kabuli_chr02	27766605	[A/C]	1067292082
Ca_Kabuli_NC_021161.1_27835859	Ca_kabuli_chr02	27835859	[G/T]	1067292083
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Ca_Kabuli_NC_021161.1_27899966	Ca_kabuli_chr02	27899966	[A/T]	1067292085
Ca_Kabuli_NC_021161.1_27928698	Ca_kabuli_chr02	27928698	[A/T]	1067292086
Ca_Kabuli_NC_021161.1_27987041	Ca_kabuli_chr02	27987041	[A/T]	1067292087
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Ca_Kabuli_NC_021161.1_27987048	Ca_kabuli_chr02	27987048	[T/C]	1067292089
Ca_Kabuli_NC_021161.1_28018175	Ca_kabuli_chr02	28018175	[G/C]	1067292090
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Ca_Kabuli_NC_021161.1_28022995	Ca_kabuli_chr02	28022995	[T/A]	1067292092
Ca_Kabuli_NC_021161.1_28022999	Ca_kabuli_chr02	28022999	[A/C]	1067292093
Ca_Kabuli_NC_021161.1_28023007	Ca_kabuli_chr02	28023007	[T/C]	1067292094
Ca_Kabuli_NC_021161.1_28060919	Ca_kabuli_chr02	28060919	[T/G]	1067292095
Ca_Kabuli_NC_021161.1_28097382	Ca_kabuli_chr02	28097382	[G/T]	1067292096
Ca_Kabuli_NC_021161.1_28097386	Ca_kabuli_chr02	28097386	[C/A]	1067292097
Ca_Kabuli_NC_021161.1_28097391	Ca_kabuli_chr02	28097391	[A/G]	1067292098

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_28101727	Ca_kabuli_chr02	28101727	[A/G]	1067292101
Ca_Kabuli_NC_021161.1_28101732	Ca_kabuli_chr02	28101732	[T/C]	1067292102
Ca_Kabuli_NC_021161.1_28101741	Ca_kabuli_chr02	28101741	[A/C]	1067292103
Ca_Kabuli_NC_021161.1_28101828	Ca_kabuli_chr02	28101828	[T/C]	1067292104
Ca_Kabuli_NC_021161.1_28101831	Ca_kabuli_chr02	28101831	[T/G]	1067292105
Ca_Kabuli_NC_021161.1_28101852	Ca_kabuli_chr02	28101852	[A/C]	1067292106
Ca_Kabuli_NC_021161.1_28228930	Ca_kabuli_chr02	28228930	[A/C]	1067292107
Ca_Kabuli_NC_021161.1_28228939	Ca_kabuli_chr02	28228939	[A/C]	1067292108
Ca_Kabuli_NC_021161.1_28229093	Ca_kabuli_chr02	28229093	[A/C]	1067292109
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Ca_Kabuli_NC_021161.1_28665212	Ca_kabuli_chr02	28665212	[G/T]	1067292112
Ca_Kabuli_NC_021161.1_28665239	Ca_kabuli_chr02	28665239	[G/T]	1067292113
Ca_Kabuli_NC_021161.1_28897971	Ca_kabuli_chr02	28897971	[T/G]	1067292114
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Ca_Kabuli_NC_021161.1_28949900	Ca_kabuli_chr02	28949900	[C/T]	1067292116
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Ca_Kabuli_NC_021161.1_29336266	Ca_kabuli_chr02	29336266	[A/G]	1067292118
Ca_Kabuli_NC_021161.1_29710344	Ca_kabuli_chr02	29710344	[A/G]	1067292119
Ca_Kabuli_NC_021161.1_29710346	Ca_kabuli_chr02	29710346	[T/C]	1067292120
Ca_Kabuli_NC_021161.1_29711375	Ca_kabuli_chr02	29711375	[T/G]	1067292121
Ca_Kabuli_NC_021161.1_29711387	Ca_kabuli_chr02	29711387	[A/C]	1067292122
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Ca_Kabuli_NC_021161.1_29712050	Ca_kabuli_chr02	29712050	[A/G]	1067292124
Ca_Kabuli_NC_021161.1_29712056	Ca_kabuli_chr02	29712056	[A/G]	1067292125
Ca_Kabuli_NC_021161.1_29798328	Ca_kabuli_chr02	29798328	[A/C]	1067292126
Ca_Kabuli_NC_021161.1_29948418	Ca_kabuli_chr02	29948418	[A/G]	1067292127
Ca_Kabuli_NC_021161.1_29999079	Ca_kabuli_chr02	29999079	[A/T]	1067292128
Ca_Kabuli_NC_021161.1_30004243	Ca_kabuli_chr02	30004243	[A/C]	1067292129
Ca_Kabuli_NC_021161.1_30091140	Ca_kabuli_chr02	30091140	[C/T]	1067292130
Ca_Kabuli_NC_021161.1_30091146	Ca_kabuli_chr02	30091146	[A/T]	1067292131
Ca_Kabuli_NC_021161.1_30091161	Ca_kabuli_chr02	30091161	[A/C]	1067292132

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_30133224	Ca_kabuli_chr02	30133224	[A/G]	1067292135
Ca_Kabuli_NC_021161.1_30335130	Ca_kabuli_chr02	30335130	[T/G]	1067292136
Ca_Kabuli_NC_021161.1_30335160	Ca_kabuli_chr02	30335160	[T/C]	1067292137
Ca_Kabuli_NC_021161.1_30335194	Ca_kabuli_chr02	30335194	[A/G]	1067292138
Ca_Kabuli_NC_021161.1_30335212	Ca_kabuli_chr02	30335212	[T/A]	1067292139
Ca_Kabuli_NC_021161.1_30389175	Ca_kabuli_chr02	30389175	[A/C]	1067292140
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Ca_Kabuli_NC_021161.1_30422750	Ca_kabuli_chr02	30422750	[T/G]	1067292143
Ca_Kabuli_NC_021161.1_30422768	Ca_kabuli_chr02	30422768	[A/G]	1067292144
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Ca_Kabuli_NC_021161.1_30423031	Ca_kabuli_chr02	30423031	[T/C]	1067292147
Ca_Kabuli_NC_021161.1_30702078	Ca_kabuli_chr02	30702078	[T/G]	1067292148
Ca_Kabuli_NC_021161.1_30702097	Ca_kabuli_chr02	30702097	[T/G]	1067292149
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Ca_Kabuli_NC_021161.1_30907564	Ca_kabuli_chr02	30907564	[A/C]	1067292160
Ca_Kabuli_NC_021161.1_30907567	Ca_kabuli_chr02	30907567	[A/C]	1067292161
Ca_Kabuli_NC_021161.1_30918734	Ca_kabuli_chr02	30918734	[G/C]	1067292162
Ca_Kabuli_NC_021161.1_30920461	Ca_kabuli_chr02	30920461	[C/T]	1067292163
Ca_Kabuli_NC_021161.1_30921092	Ca_kabuli_chr02	30921092	[C/A]	1067292164
Ca_Kabuli_NC_021161.1_30921994	Ca_kabuli_chr02	30921994	[T/C]	1067292165
Ca_Kabuli_NC_021161.1_30925755	Ca_kabuli_chr02	30925755	[A/T]	1067292166

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_30950434	Ca_kabuli_chr02	30950434	[A/T]	1067292169
Ca_Kabuli_NC_021161.1_30950703	Ca_kabuli_chr02	30950703	[C/T]	1067292170
Ca_Kabuli_NC_021161.1_30951724	Ca_kabuli_chr02	30951724	[T/A]	1067292171
Ca_Kabuli_NC_021161.1_30954305	Ca_kabuli_chr02	30954305	[T/G]	1067292172
Ca_Kabuli_NC_021161.1_30954317	Ca_kabuli_chr02	30954317	[G/A]	1067292173
Ca_Kabuli_NC_021161.1_30977522	Ca_kabuli_chr02	30977522	[A/T]	1067292174
Ca_Kabuli_NC_021161.1_30977528	Ca_kabuli_chr02	30977528	[C/T]	1067292175
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Ca_Kabuli_NC_021161.1_30997935	Ca_kabuli_chr02	30997935	[T/G]	1067292177
Ca_Kabuli_NC_021161.1_31005845	Ca_kabuli_chr02	31005845	[C/T]	1067292178
Ca_Kabuli_NC_021161.1_31005847	Ca_kabuli_chr02	31005847	[T/G]	1067292179
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Ca_Kabuli_NC_021161.1_31205503	Ca_kabuli_chr02	31205503	[A/G]	1067292181
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Ca_Kabuli_NC_021161.1_31427865	Ca_kabuli_chr02	31427865	[A/G]	1067292184
Ca_Kabuli_NC_021161.1_31427883	Ca_kabuli_chr02	31427883	[A/G]	1067292185
Ca_Kabuli_NC_021161.1_31427886	Ca_kabuli_chr02	31427886	[A/G]	1067292186
Ca_Kabuli_NC_021161.1_31428417	Ca_kabuli_chr02	31428417	[T/C]	1067292187
Ca_Kabuli_NC_021161.1_31534265	Ca_kabuli_chr02	31534265	[A/C]	1067292188
Ca_Kabuli_NC_021161.1_31534283	Ca_kabuli_chr02	31534283	[G/A]	1067292189
Ca_Kabuli_NC_021161.1_31686697	Ca_kabuli_chr02	31686697	[C/A]	1067292190
Ca_Kabuli_NC_021161.1_31686714	Ca_kabuli_chr02	31686714	[C/T]	1067292191
Ca_Kabuli_NC_021161.1_31686744	Ca_kabuli_chr02	31686744	[G/C]	1067292192
Ca_Kabuli_NC_021161.1_31686751	Ca_kabuli_chr02	31686751	[A/T]	1067292193
Ca_Kabuli_NC_021161.1_31823306	Ca_kabuli_chr02	31823306	[T/A]	1067292194
Ca_Kabuli_NC_021161.1_31837712	Ca_kabuli_chr02	31837712	[A/G]	1067292195
Ca_Kabuli_NC_021161.1_31837724	Ca_kabuli_chr02	31837724	[T/C]	1067292196
Ca_Kabuli_NC_021161.1_31837731	Ca_kabuli_chr02	31837731	[A/C]	1067292197
Ca_Kabuli_NC_021161.1_31908639	Ca_kabuli_chr02	31908639	[A/C]	1067292198
Ca_Kabuli_NC_021161.1_31908666	Ca_kabuli_chr02	31908666	[A/G]	1067292199
Ca_Kabuli_NC_021161.1_31908845	Ca_kabuli_chr02	31908845	[T/G]	1067292200

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_31975327	Ca_kabuli_chr02	31975327	[A/G]	1067292203
Ca_Kabuli_NC_021161.1_31975343	Ca_kabuli_chr02	31975343	[T/G]	1067292204
Ca_Kabuli_NC_021161.1_32034289	Ca_kabuli_chr02	32034289	[G/A]	1067292205
Ca_Kabuli_NC_021161.1_32058615	Ca_kabuli_chr02	32058615	[T/G]	1067292206
Ca_Kabuli_NC_021161.1_32096180	Ca_kabuli_chr02	32096180	[C/G]	1067292207
Ca_Kabuli_NC_021161.1_32096186	Ca_kabuli_chr02	32096186	[T/A]	1067292208
Ca_Kabuli_NC_021161.1_32096192	Ca_kabuli_chr02	32096192	[A/C]	1067292209
Ca_Kabuli_NC_021161.1_32096226	Ca_kabuli_chr02	32096226	[A/G]	1067292210
Ca_Kabuli_NC_021161.1_32099907	Ca_kabuli_chr02	32099907	[T/C]	1067292211
Ca_Kabuli_NC_021161.1_32119094	Ca_kabuli_chr02	32119094	[T/A]	1067292212
Ca_Kabuli_NC_021161.1_32119331	Ca_kabuli_chr02	32119331	[A/T]	1067292213
Ca_Kabuli_NC_021161.1_32121949	Ca_kabuli_chr02	32121949	[C/G]	1067292214
Ca_Kabuli_NC_021161.1_32129260	Ca_kabuli_chr02	32129260	[T/A]	1067292215
Ca_Kabuli_NC_021161.1_32280969	Ca_kabuli_chr02	32280969	[T/A]	1067292216
Ca_Kabuli_NC_021161.1_32283139	Ca_kabuli_chr02	32283139	[G/T]	1067292217
Ca_Kabuli_NC_021161.1_32283172	Ca_kabuli_chr02	32283172	[A/G]	1067292218
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Ca_Kabuli_NC_021161.1_32348870	Ca_kabuli_chr02	32348870	[C/T]	1067292220
Ca_Kabuli_NC_021161.1_32352022	Ca_kabuli_chr02	32352022	[C/T]	1067292221
Ca_Kabuli_NC_021161.1_32352044	Ca_kabuli_chr02	32352044	[T/C]	1067292222
Ca_Kabuli_NC_021161.1_32352045	Ca_kabuli_chr02	32352045	[G/A]	1067292223
Ca_Kabuli_NC_021161.1_32481983	Ca_kabuli_chr02	32481983	[T/G]	1067292224
Ca_Kabuli_NC_021161.1_32482739	Ca_kabuli_chr02	32482739	[C/T]	1067292225
Ca_Kabuli_NC_021161.1_32506300	Ca_kabuli_chr02	32506300	[T/G]	1067292226
Ca_Kabuli_NC_021161.1_32642277	Ca_kabuli_chr02	32642277	[T/C]	1067292227
Ca_Kabuli_NC_021161.1_32670089	Ca_kabuli_chr02	32670089	[C/A]	1067292228
Ca_Kabuli_NC_021161.1_32670090	Ca_kabuli_chr02	32670090	[T/G]	1067292229
Ca_Kabuli_NC_021161.1_32670181	Ca_kabuli_chr02	32670181	[T/G]	1067292230
Ca_Kabuli_NC_021161.1_32742369	Ca_kabuli_chr02	32742369	[A/G]	1067292231
Ca_Kabuli_NC_021161.1_32742428	Ca_kabuli_chr02	32742428	[A/G]	1067292232
Ca_Kabuli_NC_021161.1_32781827	Ca_kabuli_chr02	32781827	[A/C]	1067292233
Ca_Kabuli_NC_021161.1_32781914	Ca_kabuli_chr02	32781914	[A/C]	1067292234

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_32844739	Ca_kabuli_chr02	32844739	[G/C]	1067292238
Ca_Kabuli_NC_021161.1_32902901	Ca_kabuli_chr02	32902901	[A/G]	1067292239
Ca_Kabuli_NC_021161.1_32934618	Ca_kabuli_chr02	32934618	[A/C]	1067292240
Ca_Kabuli_NC_021161.1_32936857	Ca_kabuli_chr02	32936857	[T/G]	1067292241
Ca_Kabuli_NC_021161.1_32936865	Ca_kabuli_chr02	32936865	[A/C]	1067292242
Ca_Kabuli_NC_021161.1_32936925	Ca_kabuli_chr02	32936925	[T/C]	1067292243
Ca_Kabuli_NC_021161.1_32936931	Ca_kabuli_chr02	32936931	[T/A]	1067292244
Ca_Kabuli_NC_021161.1_32937000	Ca_kabuli_chr02	32937000	[A/C]	1067292245
Ca_Kabuli_NC_021161.1_32957496	Ca_kabuli_chr02	32957496	[T/C]	1067292246
Ca_Kabuli_NC_021161.1_32957534	Ca_kabuli_chr02	32957534	[T/A]	1067292247
Ca_Kabuli_NC_021161.1_33103130	Ca_kabuli_chr02	33103130	[A/G]	1067292248
Ca_Kabuli_NC_021161.1_33103134	Ca_kabuli_chr02	33103134	[T/A]	1067292249
Ca_Kabuli_NC_021161.1_33103180	Ca_kabuli_chr02	33103180	[T/A]	1067292250
Ca_Kabuli_NC_021161.1_33103378	Ca_kabuli_chr02	33103378	[T/C]	1067292251
Ca_Kabuli_NC_021161.1_33103384	Ca_kabuli_chr02	33103384	[A/G]	1067292252
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Ca_Kabuli_NC_021161.1_33103404	Ca_kabuli_chr02	33103404	[C/A]	1067292254
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Ca_Kabuli_NC_021161.1_33103780	Ca_kabuli_chr02	33103780	[T/G]	1067292257
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Ca_Kabuli_NC_021161.1_33104575	Ca_kabuli_chr02	33104575	[A/C]	1067292260
Ca_Kabuli_NC_021161.1_33143206	Ca_kabuli_chr02	33143206	[C/A]	1067292261
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Ca_Kabuli_NC_021161.1_33172934	Ca_kabuli_chr02	33172934	[A/C]	1067292263
Ca_Kabuli_NC_021161.1_33196153	Ca_kabuli_chr02	33196153	[T/C]	1067292264
Ca_Kabuli_NC_021161.1_33198774	Ca_kabuli_chr02	33198774	[T/G]	1067292265
Ca_Kabuli_NC_021161.1_33198797	Ca_kabuli_chr02	33198797	[T/G]	1067292266
Ca_Kabuli_NC_021161.1_33302708	Ca_kabuli_chr02	33302708	[T/G]	1067292267
Ca_Kabuli_NC_021161.1_33309055	Ca_kabuli_chr02	33309055	[T/C]	1067292268

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_33340412	Ca_kabuli_chr02	33340412	[T/G]	1067292271
Ca_Kabuli_NC_021161.1_33345575	Ca_kabuli_chr02	33345575	[A/G]	1067292272
Ca_Kabuli_NC_021161.1_33398549	Ca_kabuli_chr02	33398549	[T/C]	1067292273
Ca_Kabuli_NC_021161.1_33398550	Ca_kabuli_chr02	33398550	[G/A]	1067292274
Ca_Kabuli_NC_021161.1_33399065	Ca_kabuli_chr02	33399065	[T/C]	1067292275
Ca_Kabuli_NC_021161.1_33399066	Ca_kabuli_chr02	33399066	[G/T]	1067292276
Ca_Kabuli_NC_021161.1_33399381	Ca_kabuli_chr02	33399381	[C/T]	1067292277
Ca_Kabuli_NC_021161.1_33399393	Ca_kabuli_chr02	33399393	[C/A]	1067292278
Ca_Kabuli_NC_021161.1_33399397	Ca_kabuli_chr02	33399397	[C/T]	1067292279
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Ca_Kabuli_NC_021161.1_33490058	Ca_kabuli_chr02	33490058	[C/A]	1067292281
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Ca_Kabuli_NC_021161.1_33786282	Ca_kabuli_chr02	33786282	[A/C]	1067292289
Ca_Kabuli_NC_021161.1_33788911	Ca_kabuli_chr02	33788911	[A/C]	1067292290
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Ca_Kabuli_NC_021161.1_34290096	Ca_kabuli_chr02	34290096	[C/T]	1067292298
Ca_Kabuli_NC_021161.1_34299057	Ca_kabuli_chr02	34299057	[C/T]	1067292299
Ca_Kabuli_NC_021161.1_34299079	Ca_kabuli_chr02	34299079	[A/C]	1067292300
Ca_Kabuli_NC_021161.1_34299113	Ca_kabuli_chr02	34299113	[T/C]	1067292301
Ca_Kabuli_NC_021161.1_34300027	Ca_kabuli_chr02	34300027	[A/T]	1067292302



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_34429196	Ca_kabuli_chr02	34429196	[A/C]	1067292306
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Ca_Kabuli_NC_021161.1_34734460	Ca_kabuli_chr02	34734460	[T/G]	1067292313
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Ca_Kabuli_NC_021161.1_35009235	Ca_kabuli_chr02	35009235	[T/G]	1067292333
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Ca_Kabuli_NC_021161.1_35015348	Ca_kabuli_chr02	35015348	[T/G]	1067292335
Ca_Kabuli_NC_021161.1_35046871	Ca_kabuli_chr02	35046871	[T/G]	1067292336

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_35059446	Ca_kabuli_chr02	35059446	[A/G]	1067292340
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Ca_Kabuli_NC_021161.1_35121975	Ca_kabuli_chr02	35121975	[A/T]	1067292347
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Ca_Kabuli_NC_021161.1_35121978	Ca_kabuli_chr02	35121978	[T/C]	1067292349
Ca_Kabuli_NC_021161.1_35121998	Ca_kabuli_chr02	35121998	[A/G]	1067292350
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Ca_Kabuli_NC_021161.1_35122026	Ca_kabuli_chr02	35122026	[T/G]	1067292352
Ca_Kabuli_NC_021161.1_35122057	Ca_kabuli_chr02	35122057	[A/C]	1067292353
Ca_Kabuli_NC_021161.1_35147373	Ca_kabuli_chr02	35147373	[A/C]	1067292354
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Ca_Kabuli_NC_021161.1_35441180	Ca_kabuli_chr02	35441180	[G/A]	1067292361
Ca_Kabuli_NC_021161.1_35441200	Ca_kabuli_chr02	35441200	[T/C]	1067292362
Ca_Kabuli_NC_021161.1_35441204	Ca_kabuli_chr02	35441204	[T/C]	1067292363
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Ca_Kabuli_NC_021161.1_35441216	Ca_kabuli_chr02	35441216	[G/C]	1067292366
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Ca_Kabuli_NC_021161.1_35441225	Ca_kabuli_chr02	35441225	[T/C]	1067292368
Ca_Kabuli_NC_021161.1_35441227	Ca_kabuli_chr02	35441227	[T/C]	1067292369
Ca_Kabuli_NC_021161.1_35449653	Ca_kabuli_chr02	35449653	[A/G]	1067292370

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Ca_Kabuli_NC_021161.1_35505884	Ca_kabuli_chr02	35505884	[T/G]	1067292373
Ca_Kabuli_NC_021161.1_35505927	Ca_kabuli_chr02	35505927	[T/C]	1067292374
Ca_Kabuli_NC_021161.1_35505948	Ca_kabuli_chr02	35505948	[A/G]	1067292375
Ca_Kabuli_NC_021161.1_35505960	Ca_kabuli_chr02	35505960	[T/C]	1067292376
Ca_Kabuli_NC_021161.1_35506245	Ca_kabuli_chr02	35506245	[A/G]	1067292377
Ca_Kabuli_NC_021161.1_35506254	Ca_kabuli_chr02	35506254	[G/A]	1067292378
Ca_Kabuli_NC_021161.1_35506256	Ca_kabuli_chr02	35506256	[G/A]	1067292379
Ca_Kabuli_NC_021161.1_35506258	Ca_kabuli_chr02	35506258	[G/A]	1067292380
Ca_Kabuli_NC_021161.1_35506259	Ca_kabuli_chr02	35506259	[G/A]	1067292381
Ca_Kabuli_NC_021161.1_35533250	Ca_kabuli_chr02	35533250	[T/G]	1067292382
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Ca_Kabuli_NC_021161.1_35593355	Ca_kabuli_chr02	35593355	[C/G]	1067292384
Ca_Kabuli_NC_021161.1_35593363	Ca_kabuli_chr02	35593363	[C/T]	1067292385
Ca_Kabuli_NC_021161.1_35593412	Ca_kabuli_chr02	35593412	[T/G]	1067292386
Ca_Kabuli_NC_021161.1_35593713	Ca_kabuli_chr02	35593713	[T/C]	1067292387
Ca_Kabuli_NC_021161.1_35593731	Ca_kabuli_chr02	35593731	[A/G]	1067292388
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Ca_Kabuli_NC_021161.1_35601578	Ca_kabuli_chr02	35601578	[C/T]	1067292392
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Ca_Kabuli_NC_021161.1_35661053	Ca_kabuli_chr02	35661053	[C/T]	1067292398
Ca_Kabuli_NC_021161.1_35670478	Ca_kabuli_chr02	35670478	[A/G]	1067292399
Ca_Kabuli_NC_021161.1_35670520	Ca_kabuli_chr02	35670520	[A/T]	1067292400
Ca_Kabuli_NC_021161.1_35676127	Ca_kabuli_chr02	35676127	[G/A]	1067292401
Ca_Kabuli_NC_021161.1_35676704	Ca_kabuli_chr02	35676704	[T/A]	1067292402
Ca_Kabuli_NC_021161.1_35708845	Ca_kabuli_chr02	35708845	[A/C]	1067292403
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<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021161.1_35754653	Ca_kabuli_chr02	35754653	[C/T]	1067292408
Ca_Kabuli_NC_021161.1_35754677	Ca_kabuli_chr02	35754677	[T/A]	1067292409
Ca_Kabuli_NC_021161.1_35754679	Ca_kabuli_chr02	35754679	[A/T]	1067292410
Ca_Kabuli_NC_021161.1_35760155	Ca_kabuli_chr02	35760155	[G/A]	1067292411
Ca_Kabuli_NC_021161.1_35760165	Ca_kabuli_chr02	35760165	[A/G]	1067292412
Ca_Kabuli_NC_021161.1_35760170	Ca_kabuli_chr02	35760170	[A/G]	1067292413
Ca_Kabuli_NC_021161.1_35770311	Ca_kabuli_chr02	35770311	[A/G]	1067292414
Ca_Kabuli_NC_021161.1_35770313	Ca_kabuli_chr02	35770313	[A/G]	1067292415
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Ca_Kabuli_NC_021161.1_35795510	Ca_kabuli_chr02	35795510	[C/A]	1067292418
Ca_Kabuli_NC_021161.1_35795511	Ca_kabuli_chr02	35795511	[T/G]	1067292419
Ca_Kabuli_NC_021161.1_35859086	Ca_kabuli_chr02	35859086	[A/G]	1067292420
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Ca_Kabuli_NC_021161.1_35986432	Ca_kabuli_chr02	35986432	[G/C]	1067292425
Ca_Kabuli_NC_021161.1_36008104	Ca_kabuli_chr02	36008104	[T/C]	1067292426
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Ca_Kabuli_NC_021161.1_36046595	Ca_kabuli_chr02	36046595	[T/G]	1067292433
Ca_Kabuli_NC_021161.1_36046720	Ca_kabuli_chr02	36046720	[T/A]	1067292434
Ca_Kabuli_NC_021161.1_36046741	Ca_kabuli_chr02	36046741	[G/A]	1067292435
Ca_Kabuli_NC_021161.1_36046767	Ca_kabuli_chr02	36046767	[T/A]	1067292436
Ca_Kabuli_NC_021161.1_36046820	Ca_kabuli_chr02	36046820	[T/A]	1067292437
Ca_Kabuli_NC_021161.1_36051329	Ca_kabuli_chr02	36051329	[T/C]	1067292438

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Ca_Kabuli_NC_021161.1_36074024	Ca_kabuli_chr02	36074024	[T/G]	1067292449
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Ca_Kabuli_NC_021161.1_36240619	Ca_kabuli_chr02	36240619	[T/G]	1067292467
Ca_Kabuli_NC_021161.1_36275166	Ca_kabuli_chr02	36275166	[T/A]	1067292468
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Ca_Kabuli_NC_021161.1_36275168	Ca_kabuli_chr02	36275168	[A/C]	1067292470
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Ca_Kabuli_NC_021161.1_36466982	Ca_kabuli_chr02	36466982	[T/A]	1067292502
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<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_55508	Ca_kabuli_chr03	55508	[A/G]	1067292519
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Ca_Kabuli_NC_021162.1_654847	Ca_kabuli_chr03	654847	[A/C]	1067292534
Ca_Kabuli_NC_021162.1_654931	Ca_kabuli_chr03	654931	[A/C]	1067292535
Ca_Kabuli_NC_021162.1_726856	Ca_kabuli_chr03	726856	[G/A]	1067292536
Ca_Kabuli_NC_021162.1_726877	Ca_kabuli_chr03	726877	[A/C]	1067292537
Ca_Kabuli_NC_021162.1_726898	Ca_kabuli_chr03	726898	[T/G]	1067292538
Ca_Kabuli_NC_021162.1_774205	Ca_kabuli_chr03	774205	[C/G]	1067292539
Ca_Kabuli_NC_021162.1_779153	Ca_kabuli_chr03	779153	[T/C]	1067292540

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021162.1_779217	Ca_kabuli_chr03	779217	[A/G]	1067292541
Ca_Kabuli_NC_021162.1_938903	Ca_kabuli_chr03	938903	[T/A]	1067292542
Ca_Kabuli_NC_021162.1_1307829	Ca_kabuli_chr03	1307829	[T/C]	1067292543
Ca_Kabuli_NC_021162.1_1307833	Ca_kabuli_chr03	1307833	[T/G]	1067292544
Ca_Kabuli_NC_021162.1_1307848	Ca_kabuli_chr03	1307848	[A/G]	1067292545
Ca_Kabuli_NC_021162.1_1307876	Ca_kabuli_chr03	1307876	[A/C]	1067292546
Ca_Kabuli_NC_021162.1_1507162	Ca_kabuli_chr03	1507162	[G/A]	1067292547
Ca_Kabuli_NC_021162.1_1507166	Ca_kabuli_chr03	1507166	[A/T]	1067292548
Ca_Kabuli_NC_021162.1_1507167	Ca_kabuli_chr03	1507167	[C/T]	1067292549
Ca_Kabuli_NC_021162.1_1746337	Ca_kabuli_chr03	1746337	[T/G]	1067292550
Ca_Kabuli_NC_021162.1_1746346	Ca_kabuli_chr03	1746346	[A/T]	1067292551
Ca_Kabuli_NC_021162.1_1918964	Ca_kabuli_chr03	1918964	[A/C]	1067292552
Ca_Kabuli_NC_021162.1_2097376	Ca_kabuli_chr03	2097376	[T/G]	1067292553
Ca_Kabuli_NC_021162.1_2461959	Ca_kabuli_chr03	2461959	[A/G]	1067292554
Ca_Kabuli_NC_021162.1_2461960	Ca_kabuli_chr03	2461960	[A/G]	1067292555
Ca_Kabuli_NC_021162.1_2657331	Ca_kabuli_chr03	2657331	[G/A]	1067292556
Ca_Kabuli_NC_021162.1_2773414	Ca_kabuli_chr03	2773414	[C/A]	1067292557
Ca_Kabuli_NC_021162.1_2825562	Ca_kabuli_chr03	2825562	[G/A]	1067292558
Ca_Kabuli_NC_021162.1_2825574	Ca_kabuli_chr03	2825574	[T/C]	1067292559
Ca_Kabuli_NC_021162.1_2899877	Ca_kabuli_chr03	2899877	[A/C]	1067292560
Ca_Kabuli_NC_021162.1_2919136	Ca_kabuli_chr03	2919136	[T/C]	1067292561
Ca_Kabuli_NC_021162.1_2919165	Ca_kabuli_chr03	2919165	[G/A]	1067292562
Ca_Kabuli_NC_021162.1_2919167	Ca_kabuli_chr03	2919167	[T/G]	1067292563
Ca_Kabuli_NC_021162.1_2919168	Ca_kabuli_chr03	2919168	[G/T]	1067292564
Ca_Kabuli_NC_021162.1_2919169	Ca_kabuli_chr03	2919169	[T/G]	1067292565
Ca_Kabuli_NC_021162.1_2919171	Ca_kabuli_chr03	2919171	[T/G]	1067292566
Ca_Kabuli_NC_021162.1_2931012	Ca_kabuli_chr03	2931012	[A/C]	1067292567
Ca_Kabuli_NC_021162.1_2931017	Ca_kabuli_chr03	2931017	[A/C]	1067292568
Ca_Kabuli_NC_021162.1_2975130	Ca_kabuli_chr03	2975130	[A/C]	1067292569
Ca_Kabuli_NC_021162.1_2975136	Ca_kabuli_chr03	2975136	[A/G]	1067292570
Ca_Kabuli_NC_021162.1_2975145	Ca_kabuli_chr03	2975145	[C/T]	1067292571
Ca_Kabuli_NC_021162.1_2975157	Ca_kabuli_chr03	2975157	[A/G]	1067292572
Ca_Kabuli_NC_021162.1_2975166	Ca_kabuli_chr03	2975166	[A/T]	1067292573
Ca_Kabuli_NC_021162.1_2975179	Ca_kabuli_chr03	2975179	[T/G]	1067292574



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_2985176	Ca_kabuli_chr03	2985176	[T/G]	1067292576
Ca_Kabuli_NC_021162.1_3139678	Ca_kabuli_chr03	3139678	[T/G]	1067292577
Ca_Kabuli_NC_021162.1_3182276	Ca_kabuli_chr03	3182276	[T/G]	1067292578
Ca_Kabuli_NC_021162.1_3182360	Ca_kabuli_chr03	3182360	[A/C]	1067292579
Ca_Kabuli_NC_021162.1_3182403	Ca_kabuli_chr03	3182403	[G/A]	1067292580
Ca_Kabuli_NC_021162.1_3516526	Ca_kabuli_chr03	3516526	[A/C]	1067292581
Ca_Kabuli_NC_021162.1_3524264	Ca_kabuli_chr03	3524264	[T/C]	1067292582
Ca_Kabuli_NC_021162.1_3524268	Ca_kabuli_chr03	3524268	[T/G]	1067292583
Ca_Kabuli_NC_021162.1_3557377	Ca_kabuli_chr03	3557377	[T/A]	1067292584
Ca_Kabuli_NC_021162.1_3603410	Ca_kabuli_chr03	3603410	[T/C]	1067292585
Ca_Kabuli_NC_021162.1_3603423	Ca_kabuli_chr03	3603423	[T/G]	1067292586
Ca_Kabuli_NC_021162.1_3617555	Ca_kabuli_chr03	3617555	[G/A]	1067292587
Ca_Kabuli_NC_021162.1_3617576	Ca_kabuli_chr03	3617576	[T/G]	1067292588
Ca_Kabuli_NC_021162.1_3617617	Ca_kabuli_chr03	3617617	[A/C]	1067292589
Ca_Kabuli_NC_021162.1_3617635	Ca_kabuli_chr03	3617635	[A/G]	1067292590
Ca_Kabuli_NC_021162.1_3701398	Ca_kabuli_chr03	3701398	[T/A]	1067292591
Ca_Kabuli_NC_021162.1_3701401	Ca_kabuli_chr03	3701401	[A/T]	1067292592
Ca_Kabuli_NC_021162.1_3723547	Ca_kabuli_chr03	3723547	[T/C]	1067292593
Ca_Kabuli_NC_021162.1_3723555	Ca_kabuli_chr03	3723555	[A/G]	1067292594
Ca_Kabuli_NC_021162.1_3723651	Ca_kabuli_chr03	3723651	[C/G]	1067292595
Ca_Kabuli_NC_021162.1_3744880	Ca_kabuli_chr03	3744880	[T/G]	1067292596
Ca_Kabuli_NC_021162.1_3764428	Ca_kabuli_chr03	3764428	[A/G]	1067292597
Ca_Kabuli_NC_021162.1_3764549	Ca_kabuli_chr03	3764549	[A/G]	1067292598
Ca_Kabuli_NC_021162.1_4149626	Ca_kabuli_chr03	4149626	[A/G]	1067292599
Ca_Kabuli_NC_021162.1_4149639	Ca_kabuli_chr03	4149639	[T/C]	1067292600
Ca_Kabuli_NC_021162.1_4173267	Ca_kabuli_chr03	4173267	[T/G]	1067292601
Ca_Kabuli_NC_021162.1_4243649	Ca_kabuli_chr03	4243649	[G/T]	1067292602
Ca_Kabuli_NC_021162.1_4243651	Ca_kabuli_chr03	4243651	[C/T]	1067292603
Ca_Kabuli_NC_021162.1_4359042	Ca_kabuli_chr03	4359042	[T/C]	1067292604
Ca_Kabuli_NC_021162.1_4472934	Ca_kabuli_chr03	4472934	[A/C]	1067292605
Ca_Kabuli_NC_021162.1_4596782	Ca_kabuli_chr03	4596782	[A/C]	1067292606
Ca_Kabuli_NC_021162.1_4597188	Ca_kabuli_chr03	4597188	[A/G]	1067292607
Ca_Kabuli_NC_021162.1_4597224	Ca_kabuli_chr03	4597224	[C/T]	1067292608

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_4639221	Ca_kabuli_chr03	4639221	[T/G]	1067292611
Ca_Kabuli_NC_021162.1_4766681	Ca_kabuli_chr03	4766681	[A/C]	1067292612
Ca_Kabuli_NC_021162.1_4771806	Ca_kabuli_chr03	4771806	[A/G]	1067292613
Ca_Kabuli_NC_021162.1_4823781	Ca_kabuli_chr03	4823781	[T/G]	1067292614
Ca_Kabuli_NC_021162.1_4823784	Ca_kabuli_chr03	4823784	[T/G]	1067292615
Ca_Kabuli_NC_021162.1_4823787	Ca_kabuli_chr03	4823787	[T/G]	1067292616
Ca_Kabuli_NC_021162.1_4823818	Ca_kabuli_chr03	4823818	[C/A]	1067292617
Ca_Kabuli_NC_021162.1_4823820	Ca_kabuli_chr03	4823820	[T/A]	1067292618
Ca_Kabuli_NC_021162.1_4920818	Ca_kabuli_chr03	4920818	[T/C]	1067292619
Ca_Kabuli_NC_021162.1_4920825	Ca_kabuli_chr03	4920825	[A/G]	1067292620
Ca_Kabuli_NC_021162.1_5106054	Ca_kabuli_chr03	5106054	[A/C]	1067292621
Ca_Kabuli_NC_021162.1_5106055	Ca_kabuli_chr03	5106055	[G/A]	1067292622
Ca_Kabuli_NC_021162.1_5106056	Ca_kabuli_chr03	5106056	[A/T]	1067292623
Ca_Kabuli_NC_021162.1_5106057	Ca_kabuli_chr03	5106057	[T/G]	1067292624
Ca_Kabuli_NC_021162.1_5179256	Ca_kabuli_chr03	5179256	[T/G]	1067292625
Ca_Kabuli_NC_021162.1_5224973	Ca_kabuli_chr03	5224973	[A/G]	1067292626
Ca_Kabuli_NC_021162.1_5224976	Ca_kabuli_chr03	5224976	[A/G]	1067292627
Ca_Kabuli_NC_021162.1_5224979	Ca_kabuli_chr03	5224979	[T/G]	1067292628
Ca_Kabuli_NC_021162.1_5514227	Ca_kabuli_chr03	5514227	[A/C]	1067292629
Ca_Kabuli_NC_021162.1_5514329	Ca_kabuli_chr03	5514329	[G/C]	1067292630
Ca_Kabuli_NC_021162.1_5738698	Ca_kabuli_chr03	5738698	[T/C]	1067292631
Ca_Kabuli_NC_021162.1_5740327	Ca_kabuli_chr03	5740327	[A/G]	1067292632
Ca_Kabuli_NC_021162.1_5742330	Ca_kabuli_chr03	5742330	[A/G]	1067292633
Ca_Kabuli_NC_021162.1_5742342	Ca_kabuli_chr03	5742342	[A/C]	1067292634
Ca_Kabuli_NC_021162.1_5742351	Ca_kabuli_chr03	5742351	[T/A]	1067292635
Ca_Kabuli_NC_021162.1_6169510	Ca_kabuli_chr03	6169510	[A/C]	1067292636
Ca_Kabuli_NC_021162.1_6683590	Ca_kabuli_chr03	6683590	[T/C]	1067292637
Ca_Kabuli_NC_021162.1_6683625	Ca_kabuli_chr03	6683625	[A/G]	1067292638
Ca_Kabuli_NC_021162.1_6683651	Ca_kabuli_chr03	6683651	[T/A]	1067292639
Ca_Kabuli_NC_021162.1_6889802	Ca_kabuli_chr03	6889802	[T/G]	1067292640
Ca_Kabuli_NC_021162.1_6899409	Ca_kabuli_chr03	6899409	[A/G]	1067292641
Ca_Kabuli_NC_021162.1_6899636	Ca_kabuli_chr03	6899636	[T/A]	1067292642

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_6899670	Ca_kabuli_chr03	6899670	[T/C]	1067292645
Ca_Kabuli_NC_021162.1_6899681	Ca_kabuli_chr03	6899681	[T/A]	1067292646
Ca_Kabuli_NC_021162.1_7013451	Ca_kabuli_chr03	7013451	[T/C]	1067292647
Ca_Kabuli_NC_021162.1_7013458	Ca_kabuli_chr03	7013458	[T/C]	1067292648
Ca_Kabuli_NC_021162.1_7013496	Ca_kabuli_chr03	7013496	[A/T]	1067292649
Ca_Kabuli_NC_021162.1_7013629	Ca_kabuli_chr03	7013629	[A/C]	1067292650
Ca_Kabuli_NC_021162.1_7022117	Ca_kabuli_chr03	7022117	[T/A]	1067292651
Ca_Kabuli_NC_021162.1_7026895	Ca_kabuli_chr03	7026895	[C/A]	1067292652
Ca_Kabuli_NC_021162.1_7204053	Ca_kabuli_chr03	7204053	[G/A]	1067292653
Ca_Kabuli_NC_021162.1_7204071	Ca_kabuli_chr03	7204071	[T/C]	1067292654
Ca_Kabuli_NC_021162.1_7204087	Ca_kabuli_chr03	7204087	[C/T]	1067292655
Ca_Kabuli_NC_021162.1_7204088	Ca_kabuli_chr03	7204088	[G/C]	1067292656
Ca_Kabuli_NC_021162.1_7204099	Ca_kabuli_chr03	7204099	[C/T]	1067292657
Ca_Kabuli_NC_021162.1_7204105	Ca_kabuli_chr03	7204105	[G/A]	1067292658
Ca_Kabuli_NC_021162.1_7245991	Ca_kabuli_chr03	7245991	[A/G]	1067292659
Ca_Kabuli_NC_021162.1_7246022	Ca_kabuli_chr03	7246022	[T/G]	1067292660
Ca_Kabuli_NC_021162.1_7246048	Ca_kabuli_chr03	7246048	[T/C]	1067292661
Ca_Kabuli_NC_021162.1_7246052	Ca_kabuli_chr03	7246052	[T/C]	1067292662
Ca_Kabuli_NC_021162.1_7246820	Ca_kabuli_chr03	7246820	[T/G]	1067292663
Ca_Kabuli_NC_021162.1_7433676	Ca_kabuli_chr03	7433676	[T/C]	1067292664
Ca_Kabuli_NC_021162.1_7433689	Ca_kabuli_chr03	7433689	[A/G]	1067292665
Ca_Kabuli_NC_021162.1_7433694	Ca_kabuli_chr03	7433694	[T/A]	1067292666
Ca_Kabuli_NC_021162.1_7460294	Ca_kabuli_chr03	7460294	[C/A]	1067292667
Ca_Kabuli_NC_021162.1_7461841	Ca_kabuli_chr03	7461841	[A/C]	1067292668
Ca_Kabuli_NC_021162.1_7654641	Ca_kabuli_chr03	7654641	[G/A]	1067292669
Ca_Kabuli_NC_021162.1_7654644	Ca_kabuli_chr03	7654644	[A/T]	1067292670
Ca_Kabuli_NC_021162.1_7654669	Ca_kabuli_chr03	7654669	[T/A]	1067292671
Ca_Kabuli_NC_021162.1_7660001	Ca_kabuli_chr03	7660001	[C/A]	1067292672
Ca_Kabuli_NC_021162.1_7660002	Ca_kabuli_chr03	7660002	[A/G]	1067292673
Ca_Kabuli_NC_021162.1_7693883	Ca_kabuli_chr03	7693883	[T/G]	1067292674
Ca_Kabuli_NC_021162.1_7694182	Ca_kabuli_chr03	7694182	[T/C]	1067292675
Ca_Kabuli_NC_021162.1_7694212	Ca_kabuli_chr03	7694212	[A/G]	1067292676

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_7826991	Ca_kabuli_chr03	7826991	[G/T]	1067292679
Ca_Kabuli_NC_021162.1_8536213	Ca_kabuli_chr03	8536213	[C/T]	1067292680
Ca_Kabuli_NC_021162.1_8536275	Ca_kabuli_chr03	8536275	[C/T]	1067292681
Ca_Kabuli_NC_021162.1_8536295	Ca_kabuli_chr03	8536295	[A/T]	1067292682
Ca_Kabuli_NC_021162.1_8536421	Ca_kabuli_chr03	8536421	[A/C]	1067292683
Ca_Kabuli_NC_021162.1_8668904	Ca_kabuli_chr03	8668904	[A/C]	1067292684
Ca_Kabuli_NC_021162.1_8712519	Ca_kabuli_chr03	8712519	[A/G]	1067292685
Ca_Kabuli_NC_021162.1_8933210	Ca_kabuli_chr03	8933210	[A/C]	1067292686
Ca_Kabuli_NC_021162.1_8933221	Ca_kabuli_chr03	8933221	[T/A]	1067292687
Ca_Kabuli_NC_021162.1_8933245	Ca_kabuli_chr03	8933245	[G/T]	1067292688
Ca_Kabuli_NC_021162.1_9221402	Ca_kabuli_chr03	9221402	[T/G]	1067292689
Ca_Kabuli_NC_021162.1_9221435	Ca_kabuli_chr03	9221435	[T/G]	1067292690
Ca_Kabuli_NC_021162.1_9221892	Ca_kabuli_chr03	9221892	[T/C]	1067292691
Ca_Kabuli_NC_021162.1_9221894	Ca_kabuli_chr03	9221894	[A/T]	1067292692
Ca_Kabuli_NC_021162.1_9221932	Ca_kabuli_chr03	9221932	[T/G]	1067292693
Ca_Kabuli_NC_021162.1_9221984	Ca_kabuli_chr03	9221984	[T/A]	1067292694
Ca_Kabuli_NC_021162.1_9222083	Ca_kabuli_chr03	9222083	[A/C]	1067292695
Ca_Kabuli_NC_021162.1_9411780	Ca_kabuli_chr03	9411780	[G/A]	1067292696
Ca_Kabuli_NC_021162.1_9492468	Ca_kabuli_chr03	9492468	[A/C]	1067292697
Ca_Kabuli_NC_021162.1_9492489	Ca_kabuli_chr03	9492489	[A/C]	1067292698
Ca_Kabuli_NC_021162.1_9794311	Ca_kabuli_chr03	9794311	[T/G]	1067292699
Ca_Kabuli_NC_021162.1_9794318	Ca_kabuli_chr03	9794318	[A/G]	1067292700
Ca_Kabuli_NC_021162.1_9794320	Ca_kabuli_chr03	9794320	[T/C]	1067292701
Ca_Kabuli_NC_021162.1_9794355	Ca_kabuli_chr03	9794355	[T/A]	1067292702
Ca_Kabuli_NC_021162.1_9842188	Ca_kabuli_chr03	9842188	[T/C]	1067292703
Ca_Kabuli_NC_021162.1_9898715	Ca_kabuli_chr03	9898715	[T/A]	1067292704
Ca_Kabuli_NC_021162.1_10102706	Ca_kabuli_chr03	10102706	[A/C]	1067292705
Ca_Kabuli_NC_021162.1_10102718	Ca_kabuli_chr03	10102718	[A/C]	1067292706
Ca_Kabuli_NC_021162.1_10142131	Ca_kabuli_chr03	10142131	[T/G]	1067292707
Ca_Kabuli_NC_021162.1_10159836	Ca_kabuli_chr03	10159836	[C/A]	1067292708
Ca_Kabuli_NC_021162.1_10159849	Ca_kabuli_chr03	10159849	[T/G]	1067292709
Ca_Kabuli_NC_021162.1_10201302	Ca_kabuli_chr03	10201302	[T/C]	1067292710

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021162.1_10201315	Ca_kabuli_chr03	10201315	[A/C]	1067292711
Ca_Kabuli_NC_021162.1_10201322	Ca_kabuli_chr03	10201322	[T/C]	1067292712
Ca_Kabuli_NC_021162.1_10201377	Ca_kabuli_chr03	10201377	[T/G]	1067292713
Ca_Kabuli_NC_021162.1_10201628	Ca_kabuli_chr03	10201628	[A/C]	1067292714
Ca_Kabuli_NC_021162.1_10810939	Ca_kabuli_chr03	10810939	[A/G]	1067292715
Ca_Kabuli_NC_021162.1_11378171	Ca_kabuli_chr03	11378171	[T/G]	1067292716
Ca_Kabuli_NC_021162.1_11378182	Ca_kabuli_chr03	11378182	[T/C]	1067292717
Ca_Kabuli_NC_021162.1_11378192	Ca_kabuli_chr03	11378192	[A/G]	1067292718
Ca_Kabuli_NC_021162.1_11378540	Ca_kabuli_chr03	11378540	[T/G]	1067292719
Ca_Kabuli_NC_021162.1_11392951	Ca_kabuli_chr03	11392951	[A/C]	1067292720
Ca_Kabuli_NC_021162.1_11677779	Ca_kabuli_chr03	11677779	[T/A]	1067292721
Ca_Kabuli_NC_021162.1_11677780	Ca_kabuli_chr03	11677780	[C/A]	1067292722
Ca_Kabuli_NC_021162.1_11677781	Ca_kabuli_chr03	11677781	[T/G]	1067292723
Ca_Kabuli_NC_021162.1_11707759	Ca_kabuli_chr03	11707759	[A/G]	1067292724
Ca_Kabuli_NC_021162.1_11812070	Ca_kabuli_chr03	11812070	[T/G]	1067292725
Ca_Kabuli_NC_021162.1_11812168	Ca_kabuli_chr03	11812168	[T/C]	1067292726
Ca_Kabuli_NC_021162.1_11906828	Ca_kabuli_chr03	11906828	[G/A]	1067292727
Ca_Kabuli_NC_021162.1_12045674	Ca_kabuli_chr03	12045674	[A/G]	1067292728
Ca_Kabuli_NC_021162.1_12058482	Ca_kabuli_chr03	12058482	[A/C]	1067292729
Ca_Kabuli_NC_021162.1_12058588	Ca_kabuli_chr03	12058588	[A/C]	1067292730
Ca_Kabuli_NC_021162.1_12095667	Ca_kabuli_chr03	12095667	[T/A]	1067292731
Ca_Kabuli_NC_021162.1_12224519	Ca_kabuli_chr03	12224519	[T/C]	1067292732
Ca_Kabuli_NC_021162.1_12294550	Ca_kabuli_chr03	12294550	[T/C]	1067292733
Ca_Kabuli_NC_021162.1_12294581	Ca_kabuli_chr03	12294581	[A/G]	1067292734
Ca_Kabuli_NC_021162.1_12412724	Ca_kabuli_chr03	12412724	[T/G]	1067292735
Ca_Kabuli_NC_021162.1_12412765	Ca_kabuli_chr03	12412765	[A/G]	1067292736
Ca_Kabuli_NC_021162.1_12599378	Ca_kabuli_chr03	12599378	[T/G]	1067292737
Ca_Kabuli_NC_021162.1_12599387	Ca_kabuli_chr03	12599387	[A/T]	1067292738
Ca_Kabuli_NC_021162.1_12599496	Ca_kabuli_chr03	12599496	[A/G]	1067292739
Ca_Kabuli_NC_021162.1_12785073	Ca_kabuli_chr03	12785073	[T/G]	1067292740
Ca_Kabuli_NC_021162.1_12897831	Ca_kabuli_chr03	12897831	[A/C]	1067292741
Ca_Kabuli_NC_021162.1_12897853	Ca_kabuli_chr03	12897853	[T/C]	1067292742
Ca_Kabuli_NC_021162.1_12931582	Ca_kabuli_chr03	12931582	[T/A]	1067292743
Ca_Kabuli_NC_021162.1_12931626	Ca_kabuli_chr03	12931626	[T/C]	1067292744

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021162.1_13344037	Ca_kabuli_chr03	13344037	[A/G]	1067292745
Ca_Kabuli_NC_021162.1_13351178	Ca_kabuli_chr03	13351178	[A/T]	1067292746
Ca_Kabuli_NC_021162.1_13351186	Ca_kabuli_chr03	13351186	[A/G]	1067292747
Ca_Kabuli_NC_021162.1_13396902	Ca_kabuli_chr03	13396902	[A/C]	1067292748
Ca_Kabuli_NC_021162.1_13396908	Ca_kabuli_chr03	13396908	[C/T]	1067292749
Ca_Kabuli_NC_021162.1_13397005	Ca_kabuli_chr03	13397005	[A/T]	1067292750
Ca_Kabuli_NC_021162.1_13397024	Ca_kabuli_chr03	13397024	[A/G]	1067292751
Ca_Kabuli_NC_021162.1_13401136	Ca_kabuli_chr03	13401136	[T/G]	1067292752
Ca_Kabuli_NC_021162.1_13401272	Ca_kabuli_chr03	13401272	[A/C]	1067292753
Ca_Kabuli_NC_021162.1_13401311	Ca_kabuli_chr03	13401311	[T/C]	1067292754
Ca_Kabuli_NC_021162.1_13401328	Ca_kabuli_chr03	13401328	[T/G]	1067292755
Ca_Kabuli_NC_021162.1_13401339	Ca_kabuli_chr03	13401339	[T/G]	1067292756
Ca_Kabuli_NC_021162.1_13420618	Ca_kabuli_chr03	13420618	[T/G]	1067292757
Ca_Kabuli_NC_021162.1_13420634	Ca_kabuli_chr03	13420634	[A/G]	1067292758
Ca_Kabuli_NC_021162.1_13420739	Ca_kabuli_chr03	13420739	[T/G]	1067292759
Ca_Kabuli_NC_021162.1_13746694	Ca_kabuli_chr03	13746694	[T/C]	1067292760
Ca_Kabuli_NC_021162.1_13746781	Ca_kabuli_chr03	13746781	[A/C]	1067292761
Ca_Kabuli_NC_021162.1_13746893	Ca_kabuli_chr03	13746893	[A/G]	1067292762
Ca_Kabuli_NC_021162.1_13830248	Ca_kabuli_chr03	13830248	[T/C]	1067292763
Ca_Kabuli_NC_021162.1_13830249	Ca_kabuli_chr03	13830249	[A/G]	1067292764
Ca_Kabuli_NC_021162.1_13830253	Ca_kabuli_chr03	13830253	[A/G]	1067292765
Ca_Kabuli_NC_021162.1_14458398	Ca_kabuli_chr03	14458398	[T/C]	1067292766
Ca_Kabuli_NC_021162.1_14458415	Ca_kabuli_chr03	14458415	[T/G]	1067292767
Ca_Kabuli_NC_021162.1_14497303	Ca_kabuli_chr03	14497303	[T/G]	1067292768
Ca_Kabuli_NC_021162.1_14556858	Ca_kabuli_chr03	14556858	[T/G]	1067292769
Ca_Kabuli_NC_021162.1_14653148	Ca_kabuli_chr03	14653148	[A/C]	1067292770
Ca_Kabuli_NC_021162.1_14653297	Ca_kabuli_chr03	14653297	[A/G]	1067292771
Ca_Kabuli_NC_021162.1_14653304	Ca_kabuli_chr03	14653304	[T/G]	1067292772
Ca_Kabuli_NC_021162.1_14653315	Ca_kabuli_chr03	14653315	[C/G]	1067292773
Ca_Kabuli_NC_021162.1_14653316	Ca_kabuli_chr03	14653316	[G/C]	1067292774
Ca_Kabuli_NC_021162.1_14653322	Ca_kabuli_chr03	14653322	[A/C]	1067292775
Ca_Kabuli_NC_021162.1_14658158	Ca_kabuli_chr03	14658158	[T/C]	1067292776
Ca_Kabuli_NC_021162.1_14658170	Ca_kabuli_chr03	14658170	[A/C]	1067292777
Ca_Kabuli_NC_021162.1_14665738	Ca_kabuli_chr03	14665738	[T/C]	1067292778

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_14746627	Ca_kabuli_chr03	14746627	[A/G]	1067292781
Ca_Kabuli_NC_021162.1_14812960	Ca_kabuli_chr03	14812960	[A/C]	1067292782
Ca_Kabuli_NC_021162.1_14814985	Ca_kabuli_chr03	14814985	[T/C]	1067292783
Ca_Kabuli_NC_021162.1_15744994	Ca_kabuli_chr03	15744994	[T/C]	1067292784
Ca_Kabuli_NC_021162.1_15745044	Ca_kabuli_chr03	15745044	[A/C]	1067292785
Ca_Kabuli_NC_021162.1_15745095	Ca_kabuli_chr03	15745095	[G/C]	1067292786
Ca_Kabuli_NC_021162.1_15745126	Ca_kabuli_chr03	15745126	[A/C]	1067292787
Ca_Kabuli_NC_021162.1_15745152	Ca_kabuli_chr03	15745152	[A/C]	1067292788
Ca_Kabuli_NC_021162.1_15745173	Ca_kabuli_chr03	15745173	[A/G]	1067292789
Ca_Kabuli_NC_021162.1_15745199	Ca_kabuli_chr03	15745199	[T/G]	1067292790
Ca_Kabuli_NC_021162.1_15745297	Ca_kabuli_chr03	15745297	[T/C]	1067292791
Ca_Kabuli_NC_021162.1_15745336	Ca_kabuli_chr03	15745336	[A/C]	1067292792
Ca_Kabuli_NC_021162.1_15745337	Ca_kabuli_chr03	15745337	[G/T]	1067292793
Ca_Kabuli_NC_021162.1_15745349	Ca_kabuli_chr03	15745349	[A/C]	1067292794
Ca_Kabuli_NC_021162.1_15900664	Ca_kabuli_chr03	15900664	[A/C]	1067292795
Ca_Kabuli_NC_021162.1_15962245	Ca_kabuli_chr03	15962245	[A/C]	1067292796
Ca_Kabuli_NC_021162.1_15962248	Ca_kabuli_chr03	15962248	[T/C]	1067292797
Ca_Kabuli_NC_021162.1_15962250	Ca_kabuli_chr03	15962250	[A/C]	1067292798
Ca_Kabuli_NC_021162.1_16032127	Ca_kabuli_chr03	16032127	[A/G]	1067292799
Ca_Kabuli_NC_021162.1_16032139	Ca_kabuli_chr03	16032139	[A/T]	1067292800
Ca_Kabuli_NC_021162.1_16032148	Ca_kabuli_chr03	16032148	[A/C]	1067292801
Ca_Kabuli_NC_021162.1_16071260	Ca_kabuli_chr03	16071260	[T/G]	1067292802
Ca_Kabuli_NC_021162.1_16071272	Ca_kabuli_chr03	16071272	[A/C]	1067292803
Ca_Kabuli_NC_021162.1_16071317	Ca_kabuli_chr03	16071317	[T/C]	1067292804
Ca_Kabuli_NC_021162.1_16071323	Ca_kabuli_chr03	16071323	[T/C]	1067292805
Ca_Kabuli_NC_021162.1_16071333	Ca_kabuli_chr03	16071333	[T/C]	1067292806
Ca_Kabuli_NC_021162.1_16071359	Ca_kabuli_chr03	16071359	[T/C]	1067292807
Ca_Kabuli_NC_021162.1_16071381	Ca_kabuli_chr03	16071381	[T/C]	1067292808
Ca_Kabuli_NC_021162.1_16072277	Ca_kabuli_chr03	16072277	[T/C]	1067292809
Ca_Kabuli_NC_021162.1_16072279	Ca_kabuli_chr03	16072279	[A/C]	1067292810
Ca_Kabuli_NC_021162.1_16072287	Ca_kabuli_chr03	16072287	[A/G]	1067292811
Ca_Kabuli_NC_021162.1_16072290	Ca_kabuli_chr03	16072290	[T/A]	1067292812

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_16072318	Ca_kabuli_chr03	16072318	[A/G]	1067292814
Ca_Kabuli_NC_021162.1_16396606	Ca_kabuli_chr03	16396606	[T/C]	1067292815
Ca_Kabuli_NC_021162.1_16396641	Ca_kabuli_chr03	16396641	[T/C]	1067292816
Ca_Kabuli_NC_021162.1_16458098	Ca_kabuli_chr03	16458098	[T/C]	1067292817
Ca_Kabuli_NC_021162.1_16458103	Ca_kabuli_chr03	16458103	[T/G]	1067292818
Ca_Kabuli_NC_021162.1_16458107	Ca_kabuli_chr03	16458107	[T/G]	1067292819
Ca_Kabuli_NC_021162.1_16534322	Ca_kabuli_chr03	16534322	[T/A]	1067292820
Ca_Kabuli_NC_021162.1_16534353	Ca_kabuli_chr03	16534353	[A/G]	1067292821
Ca_Kabuli_NC_021162.1_16534362	Ca_kabuli_chr03	16534362	[A/G]	1067292822
Ca_Kabuli_NC_021162.1_16534366	Ca_kabuli_chr03	16534366	[T/C]	1067292823
Ca_Kabuli_NC_021162.1_16948797	Ca_kabuli_chr03	16948797	[T/C]	1067292824
Ca_Kabuli_NC_021162.1_17056557	Ca_kabuli_chr03	17056557	[G/C]	1067292825
Ca_Kabuli_NC_021162.1_17056558	Ca_kabuli_chr03	17056558	[G/T]	1067292826
Ca_Kabuli_NC_021162.1_17056566	Ca_kabuli_chr03	17056566	[A/G]	1067292827
Ca_Kabuli_NC_021162.1_17072178	Ca_kabuli_chr03	17072178	[A/G]	1067292828
Ca_Kabuli_NC_021162.1_17072181	Ca_kabuli_chr03	17072181	[A/C]	1067292829
Ca_Kabuli_NC_021162.1_17072193	Ca_kabuli_chr03	17072193	[T/C]	1067292830
Ca_Kabuli_NC_021162.1_17072194	Ca_kabuli_chr03	17072194	[C/T]	1067292831
Ca_Kabuli_NC_021162.1_17072200	Ca_kabuli_chr03	17072200	[C/A]	1067292832
Ca_Kabuli_NC_021162.1_17178219	Ca_kabuli_chr03	17178219	[T/G]	1067292833
Ca_Kabuli_NC_021162.1_17179915	Ca_kabuli_chr03	17179915	[T/G]	1067292834
Ca_Kabuli_NC_021162.1_17181173	Ca_kabuli_chr03	17181173	[T/C]	1067292835
Ca_Kabuli_NC_021162.1_17181193	Ca_kabuli_chr03	17181193	[A/G]	1067292836
Ca_Kabuli_NC_021162.1_17181201	Ca_kabuli_chr03	17181201	[T/G]	1067292837
Ca_Kabuli_NC_021162.1_17186987	Ca_kabuli_chr03	17186987	[C/A]	1067292838
Ca_Kabuli_NC_021162.1_17186988	Ca_kabuli_chr03	17186988	[T/G]	1067292839
Ca_Kabuli_NC_021162.1_17186990	Ca_kabuli_chr03	17186990	[G/T]	1067292840
Ca_Kabuli_NC_021162.1_17205756	Ca_kabuli_chr03	17205756	[C/A]	1067292841
Ca_Kabuli_NC_021162.1_17335816	Ca_kabuli_chr03	17335816	[T/A]	1067292842
Ca_Kabuli_NC_021162.1_17335817	Ca_kabuli_chr03	17335817	[A/T]	1067292843
Ca_Kabuli_NC_021162.1_17335831	Ca_kabuli_chr03	17335831	[A/G]	1067292844
Ca_Kabuli_NC_021162.1_17335839	Ca_kabuli_chr03	17335839	[T/A]	1067292845
Ca_Kabuli_NC_021162.1_17679400	Ca_kabuli_chr03	17679400	[G/C]	1067292846



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_17914677	Ca_kabuli_chr03	17914677	[T/G]	1067292848
Ca_Kabuli_NC_021162.1_17917871	Ca_kabuli_chr03	17917871	[T/G]	1067292849
Ca_Kabuli_NC_021162.1_17917890	Ca_kabuli_chr03	17917890	[T/C]	1067292850
Ca_Kabuli_NC_021162.1_17918036	Ca_kabuli_chr03	17918036	[A/C]	1067292851
Ca_Kabuli_NC_021162.1_17918037	Ca_kabuli_chr03	17918037	[G/A]	1067292852
Ca_Kabuli_NC_021162.1_17918038	Ca_kabuli_chr03	17918038	[A/C]	1067292853
Ca_Kabuli_NC_021162.1_17918039	Ca_kabuli_chr03	17918039	[T/A]	1067292854
Ca_Kabuli_NC_021162.1_17920352	Ca_kabuli_chr03	17920352	[A/G]	1067292855
Ca_Kabuli_NC_021162.1_17920362	Ca_kabuli_chr03	17920362	[A/G]	1067292856
Ca_Kabuli_NC_021162.1_17920365	Ca_kabuli_chr03	17920365	[A/C]	1067292857
Ca_Kabuli_NC_021162.1_17920367	Ca_kabuli_chr03	17920367	[A/C]	1067292858
Ca_Kabuli_NC_021162.1_17920406	Ca_kabuli_chr03	17920406	[A/G]	1067292859
Ca_Kabuli_NC_021162.1_17936579	Ca_kabuli_chr03	17936579	[T/G]	1067292860
Ca_Kabuli_NC_021162.1_17984963	Ca_kabuli_chr03	17984963	[T/G]	1067292861
Ca_Kabuli_NC_021162.1_17984974	Ca_kabuli_chr03	17984974	[A/G]	1067292862
Ca_Kabuli_NC_021162.1_17984978	Ca_kabuli_chr03	17984978	[T/G]	1067292863
Ca_Kabuli_NC_021162.1_17984981	Ca_kabuli_chr03	17984981	[T/G]	1067292864
Ca_Kabuli_NC_021162.1_18110539	Ca_kabuli_chr03	18110539	[C/A]	1067292865
Ca_Kabuli_NC_021162.1_18110584	Ca_kabuli_chr03	18110584	[A/G]	1067292866
Ca_Kabuli_NC_021162.1_18118249	Ca_kabuli_chr03	18118249	[G/T]	1067292867
Ca_Kabuli_NC_021162.1_18173457	Ca_kabuli_chr03	18173457	[A/T]	1067292868
Ca_Kabuli_NC_021162.1_18173467	Ca_kabuli_chr03	18173467	[A/G]	1067292869
Ca_Kabuli_NC_021162.1_18215380	Ca_kabuli_chr03	18215380	[G/A]	1067292870
Ca_Kabuli_NC_021162.1_18337498	Ca_kabuli_chr03	18337498	[T/G]	1067292871
Ca_Kabuli_NC_021162.1_18337501	Ca_kabuli_chr03	18337501	[A/T]	1067292872
Ca_Kabuli_NC_021162.1_18355403	Ca_kabuli_chr03	18355403	[T/G]	1067292873
Ca_Kabuli_NC_021162.1_18355409	Ca_kabuli_chr03	18355409	[A/C]	1067292874
Ca_Kabuli_NC_021162.1_18506357	Ca_kabuli_chr03	18506357	[G/A]	1067292875
Ca_Kabuli_NC_021162.1_18573699	Ca_kabuli_chr03	18573699	[A/C]	1067292876
Ca_Kabuli_NC_021162.1_18645184	Ca_kabuli_chr03	18645184	[A/C]	1067292877
Ca_Kabuli_NC_021162.1_18650824	Ca_kabuli_chr03	18650824	[T/A]	1067292878
Ca_Kabuli_NC_021162.1_18650838	Ca_kabuli_chr03	18650838	[T/C]	1067292879
Ca_Kabuli_NC_021162.1_18832490	Ca_kabuli_chr03	18832490	[T/G]	1067292880

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_18832517	Ca_kabuli_chr03	18832517	[A/G]	1067292882
Ca_Kabuli_NC_021162.1_18833450	Ca_kabuli_chr03	18833450	[T/C]	1067292883
Ca_Kabuli_NC_021162.1_18833484	Ca_kabuli_chr03	18833484	[A/G]	1067292884
Ca_Kabuli_NC_021162.1_18835241	Ca_kabuli_chr03	18835241	[A/C]	1067292885
Ca_Kabuli_NC_021162.1_18835286	Ca_kabuli_chr03	18835286	[A/G]	1067292886
Ca_Kabuli_NC_021162.1_18939339	Ca_kabuli_chr03	18939339	[T/C]	1067292887
Ca_Kabuli_NC_021162.1_18939424	Ca_kabuli_chr03	18939424	[A/C]	1067292888
Ca_Kabuli_NC_021162.1_19102331	Ca_kabuli_chr03	19102331	[C/T]	1067292889
Ca_Kabuli_NC_021162.1_19102333	Ca_kabuli_chr03	19102333	[C/G]	1067292890
Ca_Kabuli_NC_021162.1_19102337	Ca_kabuli_chr03	19102337	[C/T]	1067292891
Ca_Kabuli_NC_021162.1_19102339	Ca_kabuli_chr03	19102339	[A/C]	1067292892
Ca_Kabuli_NC_021162.1_19102345	Ca_kabuli_chr03	19102345	[A/T]	1067292893
Ca_Kabuli_NC_021162.1_19102358	Ca_kabuli_chr03	19102358	[A/G]	1067292894
Ca_Kabuli_NC_021162.1_19372802	Ca_kabuli_chr03	19372802	[A/T]	1067292895
Ca_Kabuli_NC_021162.1_19372804	Ca_kabuli_chr03	19372804	[A/C]	1067292896
Ca_Kabuli_NC_021162.1_19445920	Ca_kabuli_chr03	19445920	[T/A]	1067292897
Ca_Kabuli_NC_021162.1_19445925	Ca_kabuli_chr03	19445925	[A/G]	1067292898
Ca_Kabuli_NC_021162.1_19472565	Ca_kabuli_chr03	19472565	[T/C]	1067292899
Ca_Kabuli_NC_021162.1_19561510	Ca_kabuli_chr03	19561510	[T/G]	1067292900
Ca_Kabuli_NC_021162.1_19787136	Ca_kabuli_chr03	19787136	[T/C]	1067292901
Ca_Kabuli_NC_021162.1_19788683	Ca_kabuli_chr03	19788683	[T/G]	1067292902
Ca_Kabuli_NC_021162.1_19792757	Ca_kabuli_chr03	19792757	[T/C]	1067292903
Ca_Kabuli_NC_021162.1_19792758	Ca_kabuli_chr03	19792758	[G/T]	1067292904
Ca_Kabuli_NC_021162.1_19805016	Ca_kabuli_chr03	19805016	[T/C]	1067292905
Ca_Kabuli_NC_021162.1_19805030	Ca_kabuli_chr03	19805030	[A/C]	1067292906
Ca_Kabuli_NC_021162.1_19850575	Ca_kabuli_chr03	19850575	[A/C]	1067292907
Ca_Kabuli_NC_021162.1_19850583	Ca_kabuli_chr03	19850583	[A/C]	1067292908
Ca_Kabuli_NC_021162.1_19850645	Ca_kabuli_chr03	19850645	[A/C]	1067292909
Ca_Kabuli_NC_021162.1_19855208	Ca_kabuli_chr03	19855208	[A/C]	1067292910
Ca_Kabuli_NC_021162.1_19855230	Ca_kabuli_chr03	19855230	[T/C]	1067292911
Ca_Kabuli_NC_021162.1_19855235	Ca_kabuli_chr03	19855235	[T/C]	1067292912
Ca_Kabuli_NC_021162.1_19857584	Ca_kabuli_chr03	19857584	[T/G]	1067292913
Ca_Kabuli_NC_021162.1_19922709	Ca_kabuli_chr03	19922709	[C/A]	1067292914

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_19978334	Ca_kabuli_chr03	19978334	[A/C]	1067292916
Ca_Kabuli_NC_021162.1_19978343	Ca_kabuli_chr03	19978343	[A/C]	1067292917
Ca_Kabuli_NC_021162.1_20030427	Ca_kabuli_chr03	20030427	[T/G]	1067292918
Ca_Kabuli_NC_021162.1_20030447	Ca_kabuli_chr03	20030447	[A/T]	1067292919
Ca_Kabuli_NC_021162.1_20081473	Ca_kabuli_chr03	20081473	[A/G]	1067292920
Ca_Kabuli_NC_021162.1_20172508	Ca_kabuli_chr03	20172508	[A/T]	1067292921
Ca_Kabuli_NC_021162.1_20179054	Ca_kabuli_chr03	20179054	[A/G]	1067292922
Ca_Kabuli_NC_021162.1_20179062	Ca_kabuli_chr03	20179062	[T/G]	1067292923
Ca_Kabuli_NC_021162.1_20179729	Ca_kabuli_chr03	20179729	[T/G]	1067292924
Ca_Kabuli_NC_021162.1_20240118	Ca_kabuli_chr03	20240118	[T/G]	1067292925
Ca_Kabuli_NC_021162.1_20244346	Ca_kabuli_chr03	20244346	[A/C]	1067292926
Ca_Kabuli_NC_021162.1_20495749	Ca_kabuli_chr03	20495749	[C/A]	1067292927
Ca_Kabuli_NC_021162.1_20552836	Ca_kabuli_chr03	20552836	[T/G]	1067292928
Ca_Kabuli_NC_021162.1_20680409	Ca_kabuli_chr03	20680409	[A/T]	1067292929
Ca_Kabuli_NC_021162.1_20680438	Ca_kabuli_chr03	20680438	[T/C]	1067292930
Ca_Kabuli_NC_021162.1_20690198	Ca_kabuli_chr03	20690198	[A/T]	1067292931
Ca_Kabuli_NC_021162.1_20823116	Ca_kabuli_chr03	20823116	[A/C]	1067292932
Ca_Kabuli_NC_021162.1_20823144	Ca_kabuli_chr03	20823144	[T/C]	1067292933
Ca_Kabuli_NC_021162.1_21020225	Ca_kabuli_chr03	21020225	[T/G]	1067292934
Ca_Kabuli_NC_021162.1_21069658	Ca_kabuli_chr03	21069658	[A/C]	1067292935
Ca_Kabuli_NC_021162.1_21069672	Ca_kabuli_chr03	21069672	[A/G]	1067292936
Ca_Kabuli_NC_021162.1_21069690	Ca_kabuli_chr03	21069690	[T/A]	1067292937
Ca_Kabuli_NC_021162.1_21069905	Ca_kabuli_chr03	21069905	[T/C]	1067292938
Ca_Kabuli_NC_021162.1_21069917	Ca_kabuli_chr03	21069917	[A/G]	1067292939
Ca_Kabuli_NC_021162.1_21069935	Ca_kabuli_chr03	21069935	[T/A]	1067292940
Ca_Kabuli_NC_021162.1_21218591	Ca_kabuli_chr03	21218591	[A/T]	1067292941
Ca_Kabuli_NC_021162.1_21218610	Ca_kabuli_chr03	21218610	[A/G]	1067292942
Ca_Kabuli_NC_021162.1_21231086	Ca_kabuli_chr03	21231086	[T/G]	1067292943
Ca_Kabuli_NC_021162.1_21231111	Ca_kabuli_chr03	21231111	[A/C]	1067292944
Ca_Kabuli_NC_021162.1_21231140	Ca_kabuli_chr03	21231140	[T/C]	1067292945
Ca_Kabuli_NC_021162.1_21231160	Ca_kabuli_chr03	21231160	[A/C]	1067292946
Ca_Kabuli_NC_021162.1_21231163	Ca_kabuli_chr03	21231163	[A/C]	1067292947
Ca_Kabuli_NC_021162.1_21231172	Ca_kabuli_chr03	21231172	[T/C]	1067292948

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_21231232	Ca_kabuli_chr03	21231232	[T/C]	1067292951
Ca_Kabuli_NC_021162.1_21231265	Ca_kabuli_chr03	21231265	[A/C]	1067292952
Ca_Kabuli_NC_021162.1_21231277	Ca_kabuli_chr03	21231277	[A/C]	1067292953
Ca_Kabuli_NC_021162.1_21232585	Ca_kabuli_chr03	21232585	[A/C]	1067292954
Ca_Kabuli_NC_021162.1_21272962	Ca_kabuli_chr03	21272962	[A/C]	1067292955
Ca_Kabuli_NC_021162.1_21273423	Ca_kabuli_chr03	21273423	[T/A]	1067292956
Ca_Kabuli_NC_021162.1_21278656	Ca_kabuli_chr03	21278656	[T/C]	1067292957
Ca_Kabuli_NC_021162.1_21278657	Ca_kabuli_chr03	21278657	[G/T]	1067292958
Ca_Kabuli_NC_021162.1_21288619	Ca_kabuli_chr03	21288619	[T/A]	1067292959
Ca_Kabuli_NC_021162.1_21315975	Ca_kabuli_chr03	21315975	[A/C]	1067292960
Ca_Kabuli_NC_021162.1_21315978	Ca_kabuli_chr03	21315978	[A/C]	1067292961
Ca_Kabuli_NC_021162.1_21315987	Ca_kabuli_chr03	21315987	[A/T]	1067292962
Ca_Kabuli_NC_021162.1_21382890	Ca_kabuli_chr03	21382890	[A/T]	1067292963
Ca_Kabuli_NC_021162.1_21382893	Ca_kabuli_chr03	21382893	[C/T]	1067292964
Ca_Kabuli_NC_021162.1_21421225	Ca_kabuli_chr03	21421225	[T/G]	1067292965
Ca_Kabuli_NC_021162.1_21421464	Ca_kabuli_chr03	21421464	[A/G]	1067292966
Ca_Kabuli_NC_021162.1_21421539	Ca_kabuli_chr03	21421539	[A/C]	1067292967
Ca_Kabuli_NC_021162.1_21435569	Ca_kabuli_chr03	21435569	[A/T]	1067292968
Ca_Kabuli_NC_021162.1_21445329	Ca_kabuli_chr03	21445329	[T/G]	1067292969
Ca_Kabuli_NC_021162.1_21445352	Ca_kabuli_chr03	21445352	[T/G]	1067292970
Ca_Kabuli_NC_021162.1_21446288	Ca_kabuli_chr03	21446288	[A/G]	1067292971
Ca_Kabuli_NC_021162.1_21489237	Ca_kabuli_chr03	21489237	[A/C]	1067292972
Ca_Kabuli_NC_021162.1_21489262	Ca_kabuli_chr03	21489262	[A/C]	1067292973
Ca_Kabuli_NC_021162.1_21524254	Ca_kabuli_chr03	21524254	[A/C]	1067292974
Ca_Kabuli_NC_021162.1_21531470	Ca_kabuli_chr03	21531470	[A/C]	1067292975
Ca_Kabuli_NC_021162.1_21534108	Ca_kabuli_chr03	21534108	[A/T]	1067292976
Ca_Kabuli_NC_021162.1_21558364	Ca_kabuli_chr03	21558364	[T/C]	1067292977
Ca_Kabuli_NC_021162.1_21558387	Ca_kabuli_chr03	21558387	[T/A]	1067292978
Ca_Kabuli_NC_021162.1_21558393	Ca_kabuli_chr03	21558393	[A/G]	1067292979
Ca_Kabuli_NC_021162.1_21558403	Ca_kabuli_chr03	21558403	[A/G]	1067292980
Ca_Kabuli_NC_021162.1_21558424	Ca_kabuli_chr03	21558424	[T/C]	1067292981
Ca_Kabuli_NC_021162.1_21627581	Ca_kabuli_chr03	21627581	[T/G]	1067292982

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_21646857	Ca_kabuli_chr03	21646857	[T/C]	1067292985
Ca_Kabuli_NC_021162.1_21646881	Ca_kabuli_chr03	21646881	[A/G]	1067292986
Ca_Kabuli_NC_021162.1_21646953	Ca_kabuli_chr03	21646953	[T/C]	1067292987
Ca_Kabuli_NC_021162.1_21657205	Ca_kabuli_chr03	21657205	[C/A]	1067292988
Ca_Kabuli_NC_021162.1_21657206	Ca_kabuli_chr03	21657206	[A/G]	1067292989
Ca_Kabuli_NC_021162.1_21686530	Ca_kabuli_chr03	21686530	[T/G]	1067292990
Ca_Kabuli_NC_021162.1_21687416	Ca_kabuli_chr03	21687416	[A/T]	1067292991
Ca_Kabuli_NC_021162.1_21687443	Ca_kabuli_chr03	21687443	[T/A]	1067292992
Ca_Kabuli_NC_021162.1_21687959	Ca_kabuli_chr03	21687959	[A/C]	1067292993
Ca_Kabuli_NC_021162.1_21687960	Ca_kabuli_chr03	21687960	[A/T]	1067292994
Ca_Kabuli_NC_021162.1_21687962	Ca_kabuli_chr03	21687962	[T/G]	1067292995
Ca_Kabuli_NC_021162.1_21687964	Ca_kabuli_chr03	21687964	[A/T]	1067292996
Ca_Kabuli_NC_021162.1_21687966	Ca_kabuli_chr03	21687966	[C/A]	1067292997
Ca_Kabuli_NC_021162.1_21687969	Ca_kabuli_chr03	21687969	[G/A]	1067292998
Ca_Kabuli_NC_021162.1_21687978	Ca_kabuli_chr03	21687978	[A/G]	1067292999
Ca_Kabuli_NC_021162.1_21700173	Ca_kabuli_chr03	21700173	[T/A]	1067293000
Ca_Kabuli_NC_021162.1_21700175	Ca_kabuli_chr03	21700175	[A/G]	1067293001
Ca_Kabuli_NC_021162.1_21700206	Ca_kabuli_chr03	21700206	[A/G]	1067293002
Ca_Kabuli_NC_021162.1_21744356	Ca_kabuli_chr03	21744356	[A/C]	1067293003
Ca_Kabuli_NC_021162.1_21863769	Ca_kabuli_chr03	21863769	[C/A]	1067293004
Ca_Kabuli_NC_021162.1_22007864	Ca_kabuli_chr03	22007864	[A/G]	1067293005
Ca_Kabuli_NC_021162.1_22007902	Ca_kabuli_chr03	22007902	[T/G]	1067293006
Ca_Kabuli_NC_021162.1_22007904	Ca_kabuli_chr03	22007904	[T/G]	1067293007
Ca_Kabuli_NC_021162.1_22007924	Ca_kabuli_chr03	22007924	[T/C]	1067293008
Ca_Kabuli_NC_021162.1_22009451	Ca_kabuli_chr03	22009451	[A/C]	1067293009
Ca_Kabuli_NC_021162.1_22009465	Ca_kabuli_chr03	22009465	[T/G]	1067293010
Ca_Kabuli_NC_021162.1_22014101	Ca_kabuli_chr03	22014101	[A/G]	1067293011
Ca_Kabuli_NC_021162.1_22014121	Ca_kabuli_chr03	22014121	[T/C]	1067293012
Ca_Kabuli_NC_021162.1_22015131	Ca_kabuli_chr03	22015131	[T/G]	1067293013
Ca_Kabuli_NC_021162.1_22060236	Ca_kabuli_chr03	22060236	[A/C]	1067293014
Ca_Kabuli_NC_021162.1_22061919	Ca_kabuli_chr03	22061919	[A/C]	1067293015
Ca_Kabuli_NC_021162.1_22185338	Ca_kabuli_chr03	22185338	[A/G]	1067293016

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_22188162	Ca_kabuli_chr03	22188162	[A/C]	1067293019
Ca_Kabuli_NC_021162.1_22199967	Ca_kabuli_chr03	22199967	[T/A]	1067293020
Ca_Kabuli_NC_021162.1_22200730	Ca_kabuli_chr03	22200730	[A/C]	1067293021
Ca_Kabuli_NC_021162.1_22202826	Ca_kabuli_chr03	22202826	[A/C]	1067293022
Ca_Kabuli_NC_021162.1_22209591	Ca_kabuli_chr03	22209591	[T/C]	1067293023
Ca_Kabuli_NC_021162.1_22225100	Ca_kabuli_chr03	22225100	[G/T]	1067293024
Ca_Kabuli_NC_021162.1_22225125	Ca_kabuli_chr03	22225125	[G/T]	1067293025
Ca_Kabuli_NC_021162.1_22225128	Ca_kabuli_chr03	22225128	[G/T]	1067293026
Ca_Kabuli_NC_021162.1_22225134	Ca_kabuli_chr03	22225134	[A/T]	1067293027
Ca_Kabuli_NC_021162.1_22225139	Ca_kabuli_chr03	22225139	[G/T]	1067293028
Ca_Kabuli_NC_021162.1_22294715	Ca_kabuli_chr03	22294715	[T/C]	1067293029
Ca_Kabuli_NC_021162.1_22294722	Ca_kabuli_chr03	22294722	[A/T]	1067293030
Ca_Kabuli_NC_021162.1_22294727	Ca_kabuli_chr03	22294727	[T/C]	1067293031
Ca_Kabuli_NC_021162.1_22294753	Ca_kabuli_chr03	22294753	[A/G]	1067293032
Ca_Kabuli_NC_021162.1_22329341	Ca_kabuli_chr03	22329341	[T/G]	1067293033
Ca_Kabuli_NC_021162.1_22345311	Ca_kabuli_chr03	22345311	[T/C]	1067293034
Ca_Kabuli_NC_021162.1_22346166	Ca_kabuli_chr03	22346166	[A/C]	1067293035
Ca_Kabuli_NC_021162.1_22407084	Ca_kabuli_chr03	22407084	[A/C]	1067293036
Ca_Kabuli_NC_021162.1_22462445	Ca_kabuli_chr03	22462445	[C/A]	1067293037
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Ca_Kabuli_NC_021162.1_22462448	Ca_kabuli_chr03	22462448	[G/T]	1067293039
Ca_Kabuli_NC_021162.1_22539439	Ca_kabuli_chr03	22539439	[A/C]	1067293040
Ca_Kabuli_NC_021162.1_22539555	Ca_kabuli_chr03	22539555	[A/C]	1067293041
Ca_Kabuli_NC_021162.1_22539925	Ca_kabuli_chr03	22539925	[T/C]	1067293042
Ca_Kabuli_NC_021162.1_22539942	Ca_kabuli_chr03	22539942	[A/G]	1067293043
Ca_Kabuli_NC_021162.1_22610064	Ca_kabuli_chr03	22610064	[T/C]	1067293044
Ca_Kabuli_NC_021162.1_22610071	Ca_kabuli_chr03	22610071	[T/G]	1067293045
Ca_Kabuli_NC_021162.1_22610073	Ca_kabuli_chr03	22610073	[T/G]	1067293046
Ca_Kabuli_NC_021162.1_22610112	Ca_kabuli_chr03	22610112	[T/C]	1067293047
Ca_Kabuli_NC_021162.1_22690218	Ca_kabuli_chr03	22690218	[T/C]	1067293048
Ca_Kabuli_NC_021162.1_22696727	Ca_kabuli_chr03	22696727	[A/T]	1067293049
Ca_Kabuli_NC_021162.1_22718070	Ca_kabuli_chr03	22718070	[T/C]	1067293050

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_22719603	Ca_kabuli_chr03	22719603	[A/C]	1067293053
Ca_Kabuli_NC_021162.1_22719605	Ca_kabuli_chr03	22719605	[T/G]	1067293054
Ca_Kabuli_NC_021162.1_22727382	Ca_kabuli_chr03	22727382	[T/C]	1067293055
Ca_Kabuli_NC_021162.1_22730700	Ca_kabuli_chr03	22730700	[T/G]	1067293056
Ca_Kabuli_NC_021162.1_22772522	Ca_kabuli_chr03	22772522	[A/C]	1067293057
Ca_Kabuli_NC_021162.1_22772533	Ca_kabuli_chr03	22772533	[A/G]	1067293058
Ca_Kabuli_NC_021162.1_22794680	Ca_kabuli_chr03	22794680	[A/T]	1067293059
Ca_Kabuli_NC_021162.1_22794692	Ca_kabuli_chr03	22794692	[T/A]	1067293060
Ca_Kabuli_NC_021162.1_22812683	Ca_kabuli_chr03	22812683	[T/G]	1067293061
Ca_Kabuli_NC_021162.1_22812692	Ca_kabuli_chr03	22812692	[T/G]	1067293062
Ca_Kabuli_NC_021162.1_22849461	Ca_kabuli_chr03	22849461	[A/G]	1067293063
Ca_Kabuli_NC_021162.1_22849484	Ca_kabuli_chr03	22849484	[T/C]	1067293064
Ca_Kabuli_NC_021162.1_22868707	Ca_kabuli_chr03	22868707	[A/G]	1067293065
Ca_Kabuli_NC_021162.1_22868717	Ca_kabuli_chr03	22868717	[A/C]	1067293066
Ca_Kabuli_NC_021162.1_22868721	Ca_kabuli_chr03	22868721	[A/C]	1067293067
Ca_Kabuli_NC_021162.1_22927162	Ca_kabuli_chr03	22927162	[T/G]	1067293068
Ca_Kabuli_NC_021162.1_22937333	Ca_kabuli_chr03	22937333	[C/T]	1067293069
Ca_Kabuli_NC_021162.1_22937403	Ca_kabuli_chr03	22937403	[G/T]	1067293070
Ca_Kabuli_NC_021162.1_22993218	Ca_kabuli_chr03	22993218	[A/C]	1067293071
Ca_Kabuli_NC_021162.1_22993243	Ca_kabuli_chr03	22993243	[A/C]	1067293072
Ca_Kabuli_NC_021162.1_22995324	Ca_kabuli_chr03	22995324	[A/C]	1067293073
Ca_Kabuli_NC_021162.1_23042271	Ca_kabuli_chr03	23042271	[T/A]	1067293074
Ca_Kabuli_NC_021162.1_23042281	Ca_kabuli_chr03	23042281	[A/C]	1067293075
Ca_Kabuli_NC_021162.1_23053022	Ca_kabuli_chr03	23053022	[T/G]	1067293076
Ca_Kabuli_NC_021162.1_23222201	Ca_kabuli_chr03	23222201	[C/T]	1067293077
Ca_Kabuli_NC_021162.1_23222202	Ca_kabuli_chr03	23222202	[T/C]	1067293078
Ca_Kabuli_NC_021162.1_23222203	Ca_kabuli_chr03	23222203	[T/C]	1067293079
Ca_Kabuli_NC_021162.1_23271812	Ca_kabuli_chr03	23271812	[T/C]	1067293080
Ca_Kabuli_NC_021162.1_23271823	Ca_kabuli_chr03	23271823	[A/G]	1067293081
Ca_Kabuli_NC_021162.1_23273108	Ca_kabuli_chr03	23273108	[G/T]	1067293082
Ca_Kabuli_NC_021162.1_23273222	Ca_kabuli_chr03	23273222	[T/C]	1067293083
Ca_Kabuli_NC_021162.1_23275720	Ca_kabuli_chr03	23275720	[T/A]	1067293084

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_23298846	Ca_kabuli_chr03	23298846	[A/G]	1067293086
Ca_Kabuli_NC_021162.1_23303162	Ca_kabuli_chr03	23303162	[A/G]	1067293087
Ca_Kabuli_NC_021162.1_23340881	Ca_kabuli_chr03	23340881	[T/C]	1067293088
Ca_Kabuli_NC_021162.1_23340882	Ca_kabuli_chr03	23340882	[T/C]	1067293089
Ca_Kabuli_NC_021162.1_23340883	Ca_kabuli_chr03	23340883	[T/C]	1067293090
Ca_Kabuli_NC_021162.1_23340884	Ca_kabuli_chr03	23340884	[T/C]	1067293091
Ca_Kabuli_NC_021162.1_23340885	Ca_kabuli_chr03	23340885	[T/C]	1067293092
Ca_Kabuli_NC_021162.1_23340886	Ca_kabuli_chr03	23340886	[T/A]	1067293093
Ca_Kabuli_NC_021162.1_23340887	Ca_kabuli_chr03	23340887	[A/C]	1067293094
Ca_Kabuli_NC_021162.1_23341077	Ca_kabuli_chr03	23341077	[A/C]	1067293095
Ca_Kabuli_NC_021162.1_23341373	Ca_kabuli_chr03	23341373	[A/G]	1067293096
Ca_Kabuli_NC_021162.1_23401529	Ca_kabuli_chr03	23401529	[A/C]	1067293097
Ca_Kabuli_NC_021162.1_23401530	Ca_kabuli_chr03	23401530	[G/A]	1067293098
Ca_Kabuli_NC_021162.1_23401531	Ca_kabuli_chr03	23401531	[A/C]	1067293099
Ca_Kabuli_NC_021162.1_23401532	Ca_kabuli_chr03	23401532	[T/A]	1067293100
Ca_Kabuli_NC_021162.1_23444074	Ca_kabuli_chr03	23444074	[A/C]	1067293101
Ca_Kabuli_NC_021162.1_23461331	Ca_kabuli_chr03	23461331	[T/C]	1067293102
Ca_Kabuli_NC_021162.1_23482443	Ca_kabuli_chr03	23482443	[A/G]	1067293103
Ca_Kabuli_NC_021162.1_23694570	Ca_kabuli_chr03	23694570	[A/G]	1067293104
Ca_Kabuli_NC_021162.1_23694597	Ca_kabuli_chr03	23694597	[A/G]	1067293105
Ca_Kabuli_NC_021162.1_23695129	Ca_kabuli_chr03	23695129	[A/C]	1067293106
Ca_Kabuli_NC_021162.1_23695185	Ca_kabuli_chr03	23695185	[T/C]	1067293107
Ca_Kabuli_NC_021162.1_23721066	Ca_kabuli_chr03	23721066	[A/C]	1067293108
Ca_Kabuli_NC_021162.1_23727724	Ca_kabuli_chr03	23727724	[T/G]	1067293109
Ca_Kabuli_NC_021162.1_23727749	Ca_kabuli_chr03	23727749	[T/G]	1067293110
Ca_Kabuli_NC_021162.1_23765099	Ca_kabuli_chr03	23765099	[A/C]	1067293111
Ca_Kabuli_NC_021162.1_23780028	Ca_kabuli_chr03	23780028	[T/G]	1067293112
Ca_Kabuli_NC_021162.1_23800346	Ca_kabuli_chr03	23800346	[A/T]	1067293113
Ca_Kabuli_NC_021162.1_23800411	Ca_kabuli_chr03	23800411	[T/C]	1067293114
Ca_Kabuli_NC_021162.1_23800432	Ca_kabuli_chr03	23800432	[A/T]	1067293115
Ca_Kabuli_NC_021162.1_23800459	Ca_kabuli_chr03	23800459	[A/G]	1067293116
Ca_Kabuli_NC_021162.1_23865001	Ca_kabuli_chr03	23865001	[A/C]	1067293117
Ca_Kabuli_NC_021162.1_23930065	Ca_kabuli_chr03	23930065	[T/G]	1067293118



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_24024538	Ca_kabuli_chr03	24024538	[A/C]	1067293121
Ca_Kabuli_NC_021162.1_24024544	Ca_kabuli_chr03	24024544	[A/C]	1067293122
Ca_Kabuli_NC_021162.1_24024548	Ca_kabuli_chr03	24024548	[T/C]	1067293123
Ca_Kabuli_NC_021162.1_24024554	Ca_kabuli_chr03	24024554	[T/C]	1067293124
Ca_Kabuli_NC_021162.1_24024661	Ca_kabuli_chr03	24024661	[C/A]	1067293125
Ca_Kabuli_NC_021162.1_24024662	Ca_kabuli_chr03	24024662	[T/G]	1067293126
Ca_Kabuli_NC_021162.1_24025826	Ca_kabuli_chr03	24025826	[A/C]	1067293127
Ca_Kabuli_NC_021162.1_24026374	Ca_kabuli_chr03	24026374	[T/C]	1067293128
Ca_Kabuli_NC_021162.1_24064895	Ca_kabuli_chr03	24064895	[A/G]	1067293129
Ca_Kabuli_NC_021162.1_24084754	Ca_kabuli_chr03	24084754	[G/T]	1067293130
Ca_Kabuli_NC_021162.1_24084757	Ca_kabuli_chr03	24084757	[A/T]	1067293131
Ca_Kabuli_NC_021162.1_24084788	Ca_kabuli_chr03	24084788	[T/C]	1067293132
Ca_Kabuli_NC_021162.1_24162196	Ca_kabuli_chr03	24162196	[T/C]	1067293133
Ca_Kabuli_NC_021162.1_24194574	Ca_kabuli_chr03	24194574	[T/C]	1067293134
Ca_Kabuli_NC_021162.1_24238308	Ca_kabuli_chr03	24238308	[T/C]	1067293135
Ca_Kabuli_NC_021162.1_24240003	Ca_kabuli_chr03	24240003	[T/C]	1067293136
Ca_Kabuli_NC_021162.1_24240011	Ca_kabuli_chr03	24240011	[T/G]	1067293137
Ca_Kabuli_NC_021162.1_24240019	Ca_kabuli_chr03	24240019	[G/A]	1067293138
Ca_Kabuli_NC_021162.1_24240022	Ca_kabuli_chr03	24240022	[T/A]	1067293139
Ca_Kabuli_NC_021162.1_24240025	Ca_kabuli_chr03	24240025	[G/A]	1067293140
Ca_Kabuli_NC_021162.1_24240028	Ca_kabuli_chr03	24240028	[G/A]	1067293141
Ca_Kabuli_NC_021162.1_24247162	Ca_kabuli_chr03	24247162	[T/C]	1067293142
Ca_Kabuli_NC_021162.1_24262412	Ca_kabuli_chr03	24262412	[C/A]	1067293143
Ca_Kabuli_NC_021162.1_24262413	Ca_kabuli_chr03	24262413	[C/G]	1067293144
Ca_Kabuli_NC_021162.1_24262414	Ca_kabuli_chr03	24262414	[T/A]	1067293145
Ca_Kabuli_NC_021162.1_24262415	Ca_kabuli_chr03	24262415	[C/T]	1067293146
Ca_Kabuli_NC_021162.1_24297032	Ca_kabuli_chr03	24297032	[T/C]	1067293147
Ca_Kabuli_NC_021162.1_24297033	Ca_kabuli_chr03	24297033	[A/C]	1067293148
Ca_Kabuli_NC_021162.1_24297866	Ca_kabuli_chr03	24297866	[A/C]	1067293149
Ca_Kabuli_NC_021162.1_24297875	Ca_kabuli_chr03	24297875	[A/G]	1067293150
Ca_Kabuli_NC_021162.1_24297887	Ca_kabuli_chr03	24297887	[T/C]	1067293151
Ca_Kabuli_NC_021162.1_24390790	Ca_kabuli_chr03	24390790	[T/G]	1067293152

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_24390832	Ca_kabuli_chr03	24390832	[T/G]	1067293154
Ca_Kabuli_NC_021162.1_24390881	Ca_kabuli_chr03	24390881	[A/T]	1067293155
Ca_Kabuli_NC_021162.1_24417498	Ca_kabuli_chr03	24417498	[A/C]	1067293156
Ca_Kabuli_NC_021162.1_24417507	Ca_kabuli_chr03	24417507	[A/G]	1067293157
Ca_Kabuli_NC_021162.1_24418066	Ca_kabuli_chr03	24418066	[T/G]	1067293158
Ca_Kabuli_NC_021162.1_24459620	Ca_kabuli_chr03	24459620	[T/A]	1067293159
Ca_Kabuli_NC_021162.1_24481380	Ca_kabuli_chr03	24481380	[T/C]	1067293160
Ca_Kabuli_NC_021162.1_24481409	Ca_kabuli_chr03	24481409	[A/G]	1067293161
Ca_Kabuli_NC_021162.1_24540205	Ca_kabuli_chr03	24540205	[T/G]	1067293162
Ca_Kabuli_NC_021162.1_24540313	Ca_kabuli_chr03	24540313	[T/G]	1067293163
Ca_Kabuli_NC_021162.1_24637837	Ca_kabuli_chr03	24637837	[A/C]	1067293164
Ca_Kabuli_NC_021162.1_24697785	Ca_kabuli_chr03	24697785	[A/T]	1067293165
Ca_Kabuli_NC_021162.1_24798127	Ca_kabuli_chr03	24798127	[A/G]	1067293166
Ca_Kabuli_NC_021162.1_24880665	Ca_kabuli_chr03	24880665	[T/G]	1067293167
Ca_Kabuli_NC_021162.1_24894262	Ca_kabuli_chr03	24894262	[G/C]	1067293168
Ca_Kabuli_NC_021162.1_24935188	Ca_kabuli_chr03	24935188	[T/C]	1067293169
Ca_Kabuli_NC_021162.1_25032514	Ca_kabuli_chr03	25032514	[A/C]	1067293170
Ca_Kabuli_NC_021162.1_25032520	Ca_kabuli_chr03	25032520	[A/G]	1067293171
Ca_Kabuli_NC_021162.1_25046405	Ca_kabuli_chr03	25046405	[T/G]	1067293172
Ca_Kabuli_NC_021162.1_25046559	Ca_kabuli_chr03	25046559	[T/A]	1067293173
Ca_Kabuli_NC_021162.1_25046562	Ca_kabuli_chr03	25046562	[T/A]	1067293174
Ca_Kabuli_NC_021162.1_25145247	Ca_kabuli_chr03	25145247	[T/C]	1067293175
Ca_Kabuli_NC_021162.1_25244223	Ca_kabuli_chr03	25244223	[A/C]	1067293176
Ca_Kabuli_NC_021162.1_25244226	Ca_kabuli_chr03	25244226	[A/C]	1067293177
Ca_Kabuli_NC_021162.1_25244244	Ca_kabuli_chr03	25244244	[A/G]	1067293178
Ca_Kabuli_NC_021162.1_25311403	Ca_kabuli_chr03	25311403	[T/A]	1067293179
Ca_Kabuli_NC_021162.1_25333190	Ca_kabuli_chr03	25333190	[T/C]	1067293180
Ca_Kabuli_NC_021162.1_25333208	Ca_kabuli_chr03	25333208	[T/A]	1067293181
Ca_Kabuli_NC_021162.1_25385388	Ca_kabuli_chr03	25385388	[T/C]	1067293182
Ca_Kabuli_NC_021162.1_25385389	Ca_kabuli_chr03	25385389	[T/G]	1067293183
Ca_Kabuli_NC_021162.1_25385394	Ca_kabuli_chr03	25385394	[C/A]	1067293184
Ca_Kabuli_NC_021162.1_25385425	Ca_kabuli_chr03	25385425	[A/C]	1067293185
Ca_Kabuli_NC_021162.1_25444137	Ca_kabuli_chr03	25444137	[A/C]	1067293186

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_25505355	Ca_kabuli_chr03	25505355	[T/G]	1067293188
Ca_Kabuli_NC_021162.1_25505442	Ca_kabuli_chr03	25505442	[A/G]	1067293189
Ca_Kabuli_NC_021162.1_25537761	Ca_kabuli_chr03	25537761	[T/A]	1067293190
Ca_Kabuli_NC_021162.1_25537766	Ca_kabuli_chr03	25537766	[T/A]	1067293191
Ca_Kabuli_NC_021162.1_25537803	Ca_kabuli_chr03	25537803	[A/G]	1067293192
Ca_Kabuli_NC_021162.1_25579982	Ca_kabuli_chr03	25579982	[C/A]	1067293193
Ca_Kabuli_NC_021162.1_25579983	Ca_kabuli_chr03	25579983	[A/G]	1067293194
Ca_Kabuli_NC_021162.1_25579984	Ca_kabuli_chr03	25579984	[T/A]	1067293195
Ca_Kabuli_NC_021162.1_25580084	Ca_kabuli_chr03	25580084	[T/G]	1067293196
Ca_Kabuli_NC_021162.1_25580104	Ca_kabuli_chr03	25580104	[A/C]	1067293197
Ca_Kabuli_NC_021162.1_25614515	Ca_kabuli_chr03	25614515	[T/G]	1067293198
Ca_Kabuli_NC_021162.1_25673614	Ca_kabuli_chr03	25673614	[A/G]	1067293199
Ca_Kabuli_NC_021162.1_25675094	Ca_kabuli_chr03	25675094	[A/T]	1067293200
Ca_Kabuli_NC_021162.1_25688342	Ca_kabuli_chr03	25688342	[T/C]	1067293201
Ca_Kabuli_NC_021162.1_25688408	Ca_kabuli_chr03	25688408	[A/C]	1067293202
Ca_Kabuli_NC_021162.1_25702286	Ca_kabuli_chr03	25702286	[T/G]	1067293203
Ca_Kabuli_NC_021162.1_25711777	Ca_kabuli_chr03	25711777	[T/G]	1067293204
Ca_Kabuli_NC_021162.1_25757728	Ca_kabuli_chr03	25757728	[T/G]	1067293205
Ca_Kabuli_NC_021162.1_25757753	Ca_kabuli_chr03	25757753	[A/G]	1067293206
Ca_Kabuli_NC_021162.1_25822560	Ca_kabuli_chr03	25822560	[T/C]	1067293207
Ca_Kabuli_NC_021162.1_25822584	Ca_kabuli_chr03	25822584	[T/A]	1067293208
Ca_Kabuli_NC_021162.1_25987849	Ca_kabuli_chr03	25987849	[A/T]	1067293209
Ca_Kabuli_NC_021162.1_26120260	Ca_kabuli_chr03	26120260	[A/T]	1067293210
Ca_Kabuli_NC_021162.1_26120261	Ca_kabuli_chr03	26120261	[T/C]	1067293211
Ca_Kabuli_NC_021162.1_26120262	Ca_kabuli_chr03	26120262	[C/G]	1067293212
Ca_Kabuli_NC_021162.1_26120263	Ca_kabuli_chr03	26120263	[T/G]	1067293213
Ca_Kabuli_NC_021162.1_26178545	Ca_kabuli_chr03	26178545	[T/C]	1067293214
Ca_Kabuli_NC_021162.1_26178553	Ca_kabuli_chr03	26178553	[T/C]	1067293215
Ca_Kabuli_NC_021162.1_26198241	Ca_kabuli_chr03	26198241	[T/A]	1067293216
Ca_Kabuli_NC_021162.1_26198286	Ca_kabuli_chr03	26198286	[A/G]	1067293217
Ca_Kabuli_NC_021162.1_26198292	Ca_kabuli_chr03	26198292	[A/G]	1067293218
Ca_Kabuli_NC_021162.1_26322681	Ca_kabuli_chr03	26322681	[T/G]	1067293219
Ca_Kabuli_NC_021162.1_26322700	Ca_kabuli_chr03	26322700	[G/A]	1067293220

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_26335843	Ca_kabuli_chr03	26335843	[T/G]	1067293222
Ca_Kabuli_NC_021162.1_26340845	Ca_kabuli_chr03	26340845	[T/C]	1067293223
Ca_Kabuli_NC_021162.1_26340848	Ca_kabuli_chr03	26340848	[T/A]	1067293224
Ca_Kabuli_NC_021162.1_26340920	Ca_kabuli_chr03	26340920	[A/C]	1067293225
Ca_Kabuli_NC_021162.1_26340924	Ca_kabuli_chr03	26340924	[A/C]	1067293226
Ca_Kabuli_NC_021162.1_26344534	Ca_kabuli_chr03	26344534	[A/G]	1067293227
Ca_Kabuli_NC_021162.1_26344535	Ca_kabuli_chr03	26344535	[A/G]	1067293228
Ca_Kabuli_NC_021162.1_26557385	Ca_kabuli_chr03	26557385	[A/G]	1067293229
Ca_Kabuli_NC_021162.1_26573634	Ca_kabuli_chr03	26573634	[A/T]	1067293230
Ca_Kabuli_NC_021162.1_26573636	Ca_kabuli_chr03	26573636	[T/C]	1067293231
Ca_Kabuli_NC_021162.1_26573647	Ca_kabuli_chr03	26573647	[T/A]	1067293232
Ca_Kabuli_NC_021162.1_26573660	Ca_kabuli_chr03	26573660	[T/C]	1067293233
Ca_Kabuli_NC_021162.1_26624198	Ca_kabuli_chr03	26624198	[T/C]	1067293234
Ca_Kabuli_NC_021162.1_26624219	Ca_kabuli_chr03	26624219	[A/C]	1067293235
Ca_Kabuli_NC_021162.1_26624244	Ca_kabuli_chr03	26624244	[T/C]	1067293236
Ca_Kabuli_NC_021162.1_26624258	Ca_kabuli_chr03	26624258	[A/G]	1067293237
Ca_Kabuli_NC_021162.1_26627140	Ca_kabuli_chr03	26627140	[T/G]	1067293238
Ca_Kabuli_NC_021162.1_26636607	Ca_kabuli_chr03	26636607	[A/C]	1067293239
Ca_Kabuli_NC_021162.1_26646079	Ca_kabuli_chr03	26646079	[T/C]	1067293240
Ca_Kabuli_NC_021162.1_26646080	Ca_kabuli_chr03	26646080	[T/G]	1067293241
Ca_Kabuli_NC_021162.1_26649150	Ca_kabuli_chr03	26649150	[A/C]	1067293242
Ca_Kabuli_NC_021162.1_26659077	Ca_kabuli_chr03	26659077	[A/C]	1067293243
Ca_Kabuli_NC_021162.1_26659082	Ca_kabuli_chr03	26659082	[T/C]	1067293244
Ca_Kabuli_NC_021162.1_26659093	Ca_kabuli_chr03	26659093	[G/C]	1067293245
Ca_Kabuli_NC_021162.1_26659097	Ca_kabuli_chr03	26659097	[A/C]	1067293246
Ca_Kabuli_NC_021162.1_26659108	Ca_kabuli_chr03	26659108	[T/C]	1067293247
Ca_Kabuli_NC_021162.1_26659111	Ca_kabuli_chr03	26659111	[T/C]	1067293248
Ca_Kabuli_NC_021162.1_26659115	Ca_kabuli_chr03	26659115	[A/G]	1067293249
Ca_Kabuli_NC_021162.1_26726839	Ca_kabuli_chr03	26726839	[T/G]	1067293250
Ca_Kabuli_NC_021162.1_26757751	Ca_kabuli_chr03	26757751	[C/A]	1067293251
Ca_Kabuli_NC_021162.1_26757752	Ca_kabuli_chr03	26757752	[A/G]	1067293252
Ca_Kabuli_NC_021162.1_26849263	Ca_kabuli_chr03	26849263	[A/C]	1067293253
Ca_Kabuli_NC_021162.1_26849303	Ca_kabuli_chr03	26849303	[T/C]	1067293254

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_26900252	Ca_kabuli_chr03	26900252	[G/A]	1067293256
Ca_Kabuli_NC_021162.1_26900271	Ca_kabuli_chr03	26900271	[T/G]	1067293257
Ca_Kabuli_NC_021162.1_26910675	Ca_kabuli_chr03	26910675	[C/A]	1067293258
Ca_Kabuli_NC_021162.1_26911144	Ca_kabuli_chr03	26911144	[T/A]	1067293259
Ca_Kabuli_NC_021162.1_26911172	Ca_kabuli_chr03	26911172	[A/G]	1067293260
Ca_Kabuli_NC_021162.1_26916665	Ca_kabuli_chr03	26916665	[A/C]	1067293261
Ca_Kabuli_NC_021162.1_26942286	Ca_kabuli_chr03	26942286	[A/C]	1067293262
Ca_Kabuli_NC_021162.1_27061234	Ca_kabuli_chr03	27061234	[T/G]	1067293263
Ca_Kabuli_NC_021162.1_27061288	Ca_kabuli_chr03	27061288	[A/G]	1067293264
Ca_Kabuli_NC_021162.1_27061317	Ca_kabuli_chr03	27061317	[A/G]	1067293265
Ca_Kabuli_NC_021162.1_27105602	Ca_kabuli_chr03	27105602	[A/C]	1067293266
Ca_Kabuli_NC_021162.1_27157795	Ca_kabuli_chr03	27157795	[A/T]	1067293267
Ca_Kabuli_NC_021162.1_27194182	Ca_kabuli_chr03	27194182	[T/G]	1067293268
Ca_Kabuli_NC_021162.1_27335334	Ca_kabuli_chr03	27335334	[A/C]	1067293269
Ca_Kabuli_NC_021162.1_27342507	Ca_kabuli_chr03	27342507	[T/A]	1067293270
Ca_Kabuli_NC_021162.1_27342792	Ca_kabuli_chr03	27342792	[C/A]	1067293271
Ca_Kabuli_NC_021162.1_27393412	Ca_kabuli_chr03	27393412	[A/T]	1067293272
Ca_Kabuli_NC_021162.1_27417562	Ca_kabuli_chr03	27417562	[G/A]	1067293273
Ca_Kabuli_NC_021162.1_27420406	Ca_kabuli_chr03	27420406	[A/C]	1067293274
Ca_Kabuli_NC_021162.1_27447278	Ca_kabuli_chr03	27447278	[T/G]	1067293275
Ca_Kabuli_NC_021162.1_27447290	Ca_kabuli_chr03	27447290	[T/G]	1067293276
Ca_Kabuli_NC_021162.1_27447386	Ca_kabuli_chr03	27447386	[A/G]	1067293277
Ca_Kabuli_NC_021162.1_27447418	Ca_kabuli_chr03	27447418	[T/G]	1067293278
Ca_Kabuli_NC_021162.1_27447427	Ca_kabuli_chr03	27447427	[T/C]	1067293279
Ca_Kabuli_NC_021162.1_27447437	Ca_kabuli_chr03	27447437	[T/G]	1067293280
Ca_Kabuli_NC_021162.1_27447448	Ca_kabuli_chr03	27447448	[A/G]	1067293281
Ca_Kabuli_NC_021162.1_27447640	Ca_kabuli_chr03	27447640	[A/G]	1067293282
Ca_Kabuli_NC_021162.1_27450765	Ca_kabuli_chr03	27450765	[A/C]	1067293283
Ca_Kabuli_NC_021162.1_27452679	Ca_kabuli_chr03	27452679	[A/C]	1067293284
Ca_Kabuli_NC_021162.1_27457005	Ca_kabuli_chr03	27457005	[A/C]	1067293285
Ca_Kabuli_NC_021162.1_27470325	Ca_kabuli_chr03	27470325	[T/C]	1067293286
Ca_Kabuli_NC_021162.1_27470503	Ca_kabuli_chr03	27470503	[A/G]	1067293287
Ca_Kabuli_NC_021162.1_27484075	Ca_kabuli_chr03	27484075	[A/G]	1067293288

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_27529943	Ca_kabuli_chr03	27529943	[T/G]	1067293291
Ca_Kabuli_NC_021162.1_27529950	Ca_kabuli_chr03	27529950	[T/G]	1067293292
Ca_Kabuli_NC_021162.1_27529992	Ca_kabuli_chr03	27529992	[G/A]	1067293293
Ca_Kabuli_NC_021162.1_27597269	Ca_kabuli_chr03	27597269	[A/T]	1067293294
Ca_Kabuli_NC_021162.1_27597304	Ca_kabuli_chr03	27597304	[A/G]	1067293295
Ca_Kabuli_NC_021162.1_27597411	Ca_kabuli_chr03	27597411	[A/C]	1067293296
Ca_Kabuli_NC_021162.1_27597936	Ca_kabuli_chr03	27597936	[T/G]	1067293297
Ca_Kabuli_NC_021162.1_27597961	Ca_kabuli_chr03	27597961	[G/T]	1067293298
Ca_Kabuli_NC_021162.1_27622568	Ca_kabuli_chr03	27622568	[T/G]	1067293299
Ca_Kabuli_NC_021162.1_27633010	Ca_kabuli_chr03	27633010	[T/A]	1067293300
Ca_Kabuli_NC_021162.1_27633018	Ca_kabuli_chr03	27633018	[A/G]	1067293301
Ca_Kabuli_NC_021162.1_27633033	Ca_kabuli_chr03	27633033	[A/G]	1067293302
Ca_Kabuli_NC_021162.1_27635497	Ca_kabuli_chr03	27635497	[T/G]	1067293303
Ca_Kabuli_NC_021162.1_27654688	Ca_kabuli_chr03	27654688	[G/C]	1067293304
Ca_Kabuli_NC_021162.1_27654689	Ca_kabuli_chr03	27654689	[G/T]	1067293305
Ca_Kabuli_NC_021162.1_27673719	Ca_kabuli_chr03	27673719	[A/G]	1067293306
Ca_Kabuli_NC_021162.1_27738444	Ca_kabuli_chr03	27738444	[A/C]	1067293307
Ca_Kabuli_NC_021162.1_27812554	Ca_kabuli_chr03	27812554	[A/G]	1067293308
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Ca_Kabuli_NC_021162.1_27824684	Ca_kabuli_chr03	27824684	[A/C]	1067293310
Ca_Kabuli_NC_021162.1_27876459	Ca_kabuli_chr03	27876459	[A/G]	1067293311
Ca_Kabuli_NC_021162.1_27887405	Ca_kabuli_chr03	27887405	[T/C]	1067293312
Ca_Kabuli_NC_021162.1_27906649	Ca_kabuli_chr03	27906649	[A/T]	1067293313
Ca_Kabuli_NC_021162.1_27906656	Ca_kabuli_chr03	27906656	[G/C]	1067293314
Ca_Kabuli_NC_021162.1_27906658	Ca_kabuli_chr03	27906658	[T/G]	1067293315
Ca_Kabuli_NC_021162.1_27906660	Ca_kabuli_chr03	27906660	[A/C]	1067293316
Ca_Kabuli_NC_021162.1_27955085	Ca_kabuli_chr03	27955085	[G/A]	1067293317
Ca_Kabuli_NC_021162.1_27955095	Ca_kabuli_chr03	27955095	[T/C]	1067293318
Ca_Kabuli_NC_021162.1_27955532	Ca_kabuli_chr03	27955532	[A/C]	1067293319
Ca_Kabuli_NC_021162.1_27969031	Ca_kabuli_chr03	27969031	[A/T]	1067293320
Ca_Kabuli_NC_021162.1_28028961	Ca_kabuli_chr03	28028961	[T/G]	1067293321
Ca_Kabuli_NC_021162.1_28080234	Ca_kabuli_chr03	28080234	[T/C]	1067293322

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_28176369	Ca_kabuli_chr03	28176369	[T/G]	1067293325
Ca_Kabuli_NC_021162.1_28176370	Ca_kabuli_chr03	28176370	[G/C]	1067293326
Ca_Kabuli_NC_021162.1_28176375	Ca_kabuli_chr03	28176375	[A/C]	1067293327
Ca_Kabuli_NC_021162.1_28176378	Ca_kabuli_chr03	28176378	[T/A]	1067293328
Ca_Kabuli_NC_021162.1_28176380	Ca_kabuli_chr03	28176380	[A/C]	1067293329
Ca_Kabuli_NC_021162.1_28272304	Ca_kabuli_chr03	28272304	[A/G]	1067293330
Ca_Kabuli_NC_021162.1_28288214	Ca_kabuli_chr03	28288214	[A/G]	1067293331
Ca_Kabuli_NC_021162.1_28309399	Ca_kabuli_chr03	28309399	[T/C]	1067293332
Ca_Kabuli_NC_021162.1_28309431	Ca_kabuli_chr03	28309431	[A/G]	1067293333
Ca_Kabuli_NC_021162.1_28408993	Ca_kabuli_chr03	28408993	[T/C]	1067293334
Ca_Kabuli_NC_021162.1_28478128	Ca_kabuli_chr03	28478128	[A/G]	1067293335
Ca_Kabuli_NC_021162.1_28478614	Ca_kabuli_chr03	28478614	[A/C]	1067293336
Ca_Kabuli_NC_021162.1_28596286	Ca_kabuli_chr03	28596286	[T/A]	1067293337
Ca_Kabuli_NC_021162.1_28602055	Ca_kabuli_chr03	28602055	[C/A]	1067293338
Ca_Kabuli_NC_021162.1_28604025	Ca_kabuli_chr03	28604025	[A/C]	1067293339
Ca_Kabuli_NC_021162.1_28613009	Ca_kabuli_chr03	28613009	[C/A]	1067293340
Ca_Kabuli_NC_021162.1_28665366	Ca_kabuli_chr03	28665366	[A/C]	1067293341
Ca_Kabuli_NC_021162.1_28679667	Ca_kabuli_chr03	28679667	[T/G]	1067293342
Ca_Kabuli_NC_021162.1_28706204	Ca_kabuli_chr03	28706204	[A/C]	1067293343
Ca_Kabuli_NC_021162.1_28706216	Ca_kabuli_chr03	28706216	[A/C]	1067293344
Ca_Kabuli_NC_021162.1_28746492	Ca_kabuli_chr03	28746492	[T/C]	1067293345
Ca_Kabuli_NC_021162.1_28746535	Ca_kabuli_chr03	28746535	[A/G]	1067293346
Ca_Kabuli_NC_021162.1_28746547	Ca_kabuli_chr03	28746547	[A/T]	1067293347
Ca_Kabuli_NC_021162.1_28845997	Ca_kabuli_chr03	28845997	[A/G]	1067293348
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Ca_Kabuli_NC_021162.1_28943991	Ca_kabuli_chr03	28943991	[A/T]	1067293350
Ca_Kabuli_NC_021162.1_28944017	Ca_kabuli_chr03	28944017	[A/C]	1067293351
Ca_Kabuli_NC_021162.1_28963956	Ca_kabuli_chr03	28963956	[T/G]	1067293352
Ca_Kabuli_NC_021162.1_28971120	Ca_kabuli_chr03	28971120	[T/G]	1067293353
Ca_Kabuli_NC_021162.1_28994737	Ca_kabuli_chr03	28994737	[A/C]	1067293354
Ca_Kabuli_NC_021162.1_28999814	Ca_kabuli_chr03	28999814	[A/T]	1067293355
Ca_Kabuli_NC_021162.1_29039804	Ca_kabuli_chr03	29039804	[A/C]	1067293356

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_29044203	Ca_kabuli_chr03	29044203	[T/C]	1067293359
Ca_Kabuli_NC_021162.1_29056416	Ca_kabuli_chr03	29056416	[A/C]	1067293360
Ca_Kabuli_NC_021162.1_29107925	Ca_kabuli_chr03	29107925	[A/T]	1067293361
Ca_Kabuli_NC_021162.1_29107926	Ca_kabuli_chr03	29107926	[A/C]	1067293362
Ca_Kabuli_NC_021162.1_29107927	Ca_kabuli_chr03	29107927	[G/T]	1067293363
Ca_Kabuli_NC_021162.1_29108886	Ca_kabuli_chr03	29108886	[A/C]	1067293364
Ca_Kabuli_NC_021162.1_29137907	Ca_kabuli_chr03	29137907	[T/G]	1067293365
Ca_Kabuli_NC_021162.1_29137962	Ca_kabuli_chr03	29137962	[A/G]	1067293366
Ca_Kabuli_NC_021162.1_29155860	Ca_kabuli_chr03	29155860	[A/T]	1067293367
Ca_Kabuli_NC_021162.1_29177819	Ca_kabuli_chr03	29177819	[T/C]	1067293368
Ca_Kabuli_NC_021162.1_29177823	Ca_kabuli_chr03	29177823	[T/C]	1067293369
Ca_Kabuli_NC_021162.1_29207307	Ca_kabuli_chr03	29207307	[A/C]	1067293370
Ca_Kabuli_NC_021162.1_29215229	Ca_kabuli_chr03	29215229	[A/G]	1067293371
Ca_Kabuli_NC_021162.1_29216108	Ca_kabuli_chr03	29216108	[T/A]	1067293372
Ca_Kabuli_NC_021162.1_29216111	Ca_kabuli_chr03	29216111	[G/T]	1067293373
Ca_Kabuli_NC_021162.1_29264741	Ca_kabuli_chr03	29264741	[G/T]	1067293374
Ca_Kabuli_NC_021162.1_29302274	Ca_kabuli_chr03	29302274	[T/G]	1067293375
Ca_Kabuli_NC_021162.1_29302301	Ca_kabuli_chr03	29302301	[A/C]	1067293376
Ca_Kabuli_NC_021162.1_29304122	Ca_kabuli_chr03	29304122	[A/G]	1067293377
Ca_Kabuli_NC_021162.1_29311320	Ca_kabuli_chr03	29311320	[A/C]	1067293378
Ca_Kabuli_NC_021162.1_29326050	Ca_kabuli_chr03	29326050	[T/G]	1067293379
Ca_Kabuli_NC_021162.1_29326060	Ca_kabuli_chr03	29326060	[T/G]	1067293380
Ca_Kabuli_NC_021162.1_29348144	Ca_kabuli_chr03	29348144	[A/C]	1067293381
Ca_Kabuli_NC_021162.1_29359041	Ca_kabuli_chr03	29359041	[A/C]	1067293382
Ca_Kabuli_NC_021162.1_29359088	Ca_kabuli_chr03	29359088	[T/A]	1067293383
Ca_Kabuli_NC_021162.1_29370197	Ca_kabuli_chr03	29370197	[A/C]	1067293384
Ca_Kabuli_NC_021162.1_29370446	Ca_kabuli_chr03	29370446	[A/C]	1067293385
Ca_Kabuli_NC_021162.1_29371503	Ca_kabuli_chr03	29371503	[T/G]	1067293386
Ca_Kabuli_NC_021162.1_29375433	Ca_kabuli_chr03	29375433	[A/C]	1067293387
Ca_Kabuli_NC_021162.1_29375449	Ca_kabuli_chr03	29375449	[T/C]	1067293388
Ca_Kabuli_NC_021162.1_29375995	Ca_kabuli_chr03	29375995	[T/C]	1067293389
Ca_Kabuli_NC_021162.1_29376023	Ca_kabuli_chr03	29376023	[A/T]	1067293390



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_29415845	Ca_kabuli_chr03	29415845	[A/C]	1067293392
Ca_Kabuli_NC_021162.1_29454570	Ca_kabuli_chr03	29454570	[T/G]	1067293393
Ca_Kabuli_NC_021162.1_29455943	Ca_kabuli_chr03	29455943	[T/G]	1067293394
Ca_Kabuli_NC_021162.1_29547542	Ca_kabuli_chr03	29547542	[T/C]	1067293395
Ca_Kabuli_NC_021162.1_29547555	Ca_kabuli_chr03	29547555	[A/G]	1067293396
Ca_Kabuli_NC_021162.1_29547570	Ca_kabuli_chr03	29547570	[A/G]	1067293397
Ca_Kabuli_NC_021162.1_29591562	Ca_kabuli_chr03	29591562	[T/C]	1067293398
Ca_Kabuli_NC_021162.1_29591680	Ca_kabuli_chr03	29591680	[T/C]	1067293399
Ca_Kabuli_NC_021162.1_29591688	Ca_kabuli_chr03	29591688	[T/G]	1067293400
Ca_Kabuli_NC_021162.1_29603771	Ca_kabuli_chr03	29603771	[A/C]	1067293401
Ca_Kabuli_NC_021162.1_29603783	Ca_kabuli_chr03	29603783	[A/T]	1067293402
Ca_Kabuli_NC_021162.1_29608246	Ca_kabuli_chr03	29608246	[T/G]	1067293403
Ca_Kabuli_NC_021162.1_29640019	Ca_kabuli_chr03	29640019	[A/T]	1067293404
Ca_Kabuli_NC_021162.1_29666126	Ca_kabuli_chr03	29666126	[A/G]	1067293405
Ca_Kabuli_NC_021162.1_29666138	Ca_kabuli_chr03	29666138	[C/T]	1067293406
Ca_Kabuli_NC_021162.1_29666633	Ca_kabuli_chr03	29666633	[C/T]	1067293407
Ca_Kabuli_NC_021162.1_29675395	Ca_kabuli_chr03	29675395	[T/C]	1067293408
Ca_Kabuli_NC_021162.1_29675397	Ca_kabuli_chr03	29675397	[A/T]	1067293409
Ca_Kabuli_NC_021162.1_29675414	Ca_kabuli_chr03	29675414	[A/G]	1067293410
Ca_Kabuli_NC_021162.1_29676483	Ca_kabuli_chr03	29676483	[G/T]	1067293411
Ca_Kabuli_NC_021162.1_29676507	Ca_kabuli_chr03	29676507	[A/G]	1067293412
Ca_Kabuli_NC_021162.1_29676564	Ca_kabuli_chr03	29676564	[A/G]	1067293413
Ca_Kabuli_NC_021162.1_29689658	Ca_kabuli_chr03	29689658	[A/G]	1067293414
Ca_Kabuli_NC_021162.1_29689666	Ca_kabuli_chr03	29689666	[T/C]	1067293415
Ca_Kabuli_NC_021162.1_29689668	Ca_kabuli_chr03	29689668	[A/T]	1067293416
Ca_Kabuli_NC_021162.1_29689677	Ca_kabuli_chr03	29689677	[G/T]	1067293417
Ca_Kabuli_NC_021162.1_29698166	Ca_kabuli_chr03	29698166	[G/T]	1067293418
Ca_Kabuli_NC_021162.1_29744834	Ca_kabuli_chr03	29744834	[T/C]	1067293419
Ca_Kabuli_NC_021162.1_29744849	Ca_kabuli_chr03	29744849	[T/G]	1067293420
Ca_Kabuli_NC_021162.1_29744861	Ca_kabuli_chr03	29744861	[A/G]	1067293421
Ca_Kabuli_NC_021162.1_29761540	Ca_kabuli_chr03	29761540	[T/C]	1067293422
Ca_Kabuli_NC_021162.1_29761550	Ca_kabuli_chr03	29761550	[A/C]	1067293423
Ca_Kabuli_NC_021162.1_29761556	Ca_kabuli_chr03	29761556	[A/T]	1067293424

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_29803764	Ca_kabuli_chr03	29803764	[A/G]	1067293427
Ca_Kabuli_NC_021162.1_29803779	Ca_kabuli_chr03	29803779	[G/A]	1067293428
Ca_Kabuli_NC_021162.1_29803962	Ca_kabuli_chr03	29803962	[A/G]	1067293429
Ca_Kabuli_NC_021162.1_29803967	Ca_kabuli_chr03	29803967	[T/G]	1067293430
Ca_Kabuli_NC_021162.1_29804030	Ca_kabuli_chr03	29804030	[A/G]	1067293431
Ca_Kabuli_NC_021162.1_29804058	Ca_kabuli_chr03	29804058	[A/T]	1067293432
Ca_Kabuli_NC_021162.1_29804078	Ca_kabuli_chr03	29804078	[A/G]	1067293433
Ca_Kabuli_NC_021162.1_29804107	Ca_kabuli_chr03	29804107	[C/A]	1067293434
Ca_Kabuli_NC_021162.1_29804207	Ca_kabuli_chr03	29804207	[C/G]	1067293435
Ca_Kabuli_NC_021162.1_29804223	Ca_kabuli_chr03	29804223	[A/T]	1067293436
Ca_Kabuli_NC_021162.1_29804225	Ca_kabuli_chr03	29804225	[G/A]	1067293437
Ca_Kabuli_NC_021162.1_29807091	Ca_kabuli_chr03	29807091	[C/G]	1067293438
Ca_Kabuli_NC_021162.1_29807248	Ca_kabuli_chr03	29807248	[A/G]	1067293439
Ca_Kabuli_NC_021162.1_29836313	Ca_kabuli_chr03	29836313	[T/C]	1067293440
Ca_Kabuli_NC_021162.1_29840004	Ca_kabuli_chr03	29840004	[T/C]	1067293441
Ca_Kabuli_NC_021162.1_29840012	Ca_kabuli_chr03	29840012	[A/T]	1067293442
Ca_Kabuli_NC_021162.1_29840021	Ca_kabuli_chr03	29840021	[T/C]	1067293443
Ca_Kabuli_NC_021162.1_29840022	Ca_kabuli_chr03	29840022	[C/A]	1067293444
Ca_Kabuli_NC_021162.1_29840029	Ca_kabuli_chr03	29840029	[C/G]	1067293445
Ca_Kabuli_NC_021162.1_29840046	Ca_kabuli_chr03	29840046	[T/C]	1067293446
Ca_Kabuli_NC_021162.1_29843906	Ca_kabuli_chr03	29843906	[T/C]	1067293447
Ca_Kabuli_NC_021162.1_29843912	Ca_kabuli_chr03	29843912	[T/C]	1067293448
Ca_Kabuli_NC_021162.1_29843922	Ca_kabuli_chr03	29843922	[A/C]	1067293449
Ca_Kabuli_NC_021162.1_29856537	Ca_kabuli_chr03	29856537	[T/C]	1067293450
Ca_Kabuli_NC_021162.1_29858002	Ca_kabuli_chr03	29858002	[A/G]	1067293451
Ca_Kabuli_NC_021162.1_29858046	Ca_kabuli_chr03	29858046	[C/T]	1067293452
Ca_Kabuli_NC_021162.1_29859161	Ca_kabuli_chr03	29859161	[C/A]	1067293453
Ca_Kabuli_NC_021162.1_29869303	Ca_kabuli_chr03	29869303	[T/G]	1067293454
Ca_Kabuli_NC_021162.1_29869380	Ca_kabuli_chr03	29869380	[G/A]	1067293455
Ca_Kabuli_NC_021162.1_29869381	Ca_kabuli_chr03	29869381	[G/A]	1067293456
Ca_Kabuli_NC_021162.1_29869535	Ca_kabuli_chr03	29869535	[C/T]	1067293457
Ca_Kabuli_NC_021162.1_29872672	Ca_kabuli_chr03	29872672	[A/C]	1067293458

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_29912456	Ca_kabuli_chr03	29912456	[T/A]	1067293461
Ca_Kabuli_NC_021162.1_29912475	Ca_kabuli_chr03	29912475	[T/G]	1067293462
Ca_Kabuli_NC_021162.1_29913183	Ca_kabuli_chr03	29913183	[C/T]	1067293463
Ca_Kabuli_NC_021162.1_29915542	Ca_kabuli_chr03	29915542	[A/C]	1067293464
Ca_Kabuli_NC_021162.1_29915545	Ca_kabuli_chr03	29915545	[A/C]	1067293465
Ca_Kabuli_NC_021162.1_29932378	Ca_kabuli_chr03	29932378	[C/G]	1067293466
Ca_Kabuli_NC_021162.1_29932502	Ca_kabuli_chr03	29932502	[G/C]	1067293467
Ca_Kabuli_NC_021162.1_29932504	Ca_kabuli_chr03	29932504	[T/A]	1067293468
Ca_Kabuli_NC_021162.1_29954498	Ca_kabuli_chr03	29954498	[G/A]	1067293469
Ca_Kabuli_NC_021162.1_29954612	Ca_kabuli_chr03	29954612	[T/G]	1067293470
Ca_Kabuli_NC_021162.1_29954648	Ca_kabuli_chr03	29954648	[A/T]	1067293471
Ca_Kabuli_NC_021162.1_29958058	Ca_kabuli_chr03	29958058	[T/C]	1067293472
Ca_Kabuli_NC_021162.1_29958817	Ca_kabuli_chr03	29958817	[T/A]	1067293473
Ca_Kabuli_NC_021162.1_29958818	Ca_kabuli_chr03	29958818	[T/G]	1067293474
Ca_Kabuli_NC_021162.1_29958891	Ca_kabuli_chr03	29958891	[G/C]	1067293475
Ca_Kabuli_NC_021162.1_29958977	Ca_kabuli_chr03	29958977	[A/C]	1067293476
Ca_Kabuli_NC_021162.1_29974527	Ca_kabuli_chr03	29974527	[T/C]	1067293477
Ca_Kabuli_NC_021162.1_29974595	Ca_kabuli_chr03	29974595	[C/T]	1067293478
Ca_Kabuli_NC_021162.1_29982638	Ca_kabuli_chr03	29982638	[A/G]	1067293479
Ca_Kabuli_NC_021162.1_30004207	Ca_kabuli_chr03	30004207	[C/T]	1067293480
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Ca_Kabuli_NC_021162.1_30004213	Ca_kabuli_chr03	30004213	[A/T]	1067293482
Ca_Kabuli_NC_021162.1_30004311	Ca_kabuli_chr03	30004311	[T/G]	1067293483
Ca_Kabuli_NC_021162.1_30009740	Ca_kabuli_chr03	30009740	[A/G]	1067293484
Ca_Kabuli_NC_021162.1_30009749	Ca_kabuli_chr03	30009749	[T/A]	1067293485
Ca_Kabuli_NC_021162.1_30011584	Ca_kabuli_chr03	30011584	[T/C]	1067293486
Ca_Kabuli_NC_021162.1_30011669	Ca_kabuli_chr03	30011669	[A/G]	1067293487
Ca_Kabuli_NC_021162.1_30011759	Ca_kabuli_chr03	30011759	[T/C]	1067293488
Ca_Kabuli_NC_021162.1_30012090	Ca_kabuli_chr03	30012090	[G/A]	1067293489
Ca_Kabuli_NC_021162.1_30012110	Ca_kabuli_chr03	30012110	[T/G]	1067293490
Ca_Kabuli_NC_021162.1_30029868	Ca_kabuli_chr03	30029868	[A/G]	1067293491
Ca_Kabuli_NC_021162.1_30141530	Ca_kabuli_chr03	30141530	[T/C]	1067293492

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_30141581	Ca_kabuli_chr03	30141581	[A/C]	1067293495
Ca_Kabuli_NC_021162.1_30142292	Ca_kabuli_chr03	30142292	[T/G]	1067293496
Ca_Kabuli_NC_021162.1_30166602	Ca_kabuli_chr03	30166602	[T/C]	1067293497
Ca_Kabuli_NC_021162.1_30166615	Ca_kabuli_chr03	30166615	[A/G]	1067293498
Ca_Kabuli_NC_021162.1_30166636	Ca_kabuli_chr03	30166636	[T/G]	1067293499
Ca_Kabuli_NC_021162.1_30166640	Ca_kabuli_chr03	30166640	[A/G]	1067293500
Ca_Kabuli_NC_021162.1_30169536	Ca_kabuli_chr03	30169536	[T/C]	1067293501
Ca_Kabuli_NC_021162.1_30169571	Ca_kabuli_chr03	30169571	[A/G]	1067293502
Ca_Kabuli_NC_021162.1_30202456	Ca_kabuli_chr03	30202456	[T/C]	1067293503
Ca_Kabuli_NC_021162.1_30221802	Ca_kabuli_chr03	30221802	[T/C]	1067293504
Ca_Kabuli_NC_021162.1_30221810	Ca_kabuli_chr03	30221810	[A/T]	1067293505
Ca_Kabuli_NC_021162.1_30221826	Ca_kabuli_chr03	30221826	[A/G]	1067293506
Ca_Kabuli_NC_021162.1_30221829	Ca_kabuli_chr03	30221829	[T/C]	1067293507
Ca_Kabuli_NC_021162.1_30267655	Ca_kabuli_chr03	30267655	[A/C]	1067293508
Ca_Kabuli_NC_021162.1_30317360	Ca_kabuli_chr03	30317360	[T/C]	1067293509
Ca_Kabuli_NC_021162.1_30317409	Ca_kabuli_chr03	30317409	[T/G]	1067293510
Ca_Kabuli_NC_021162.1_30317414	Ca_kabuli_chr03	30317414	[T/C]	1067293511
Ca_Kabuli_NC_021162.1_30317438	Ca_kabuli_chr03	30317438	[A/C]	1067293512
Ca_Kabuli_NC_021162.1_30317453	Ca_kabuli_chr03	30317453	[T/C]	1067293513
Ca_Kabuli_NC_021162.1_30321216	Ca_kabuli_chr03	30321216	[T/C]	1067293514
Ca_Kabuli_NC_021162.1_30321271	Ca_kabuli_chr03	30321271	[A/C]	1067293515
Ca_Kabuli_NC_021162.1_30321289	Ca_kabuli_chr03	30321289	[T/C]	1067293516
Ca_Kabuli_NC_021162.1_30321322	Ca_kabuli_chr03	30321322	[T/G]	1067293517
Ca_Kabuli_NC_021162.1_30321326	Ca_kabuli_chr03	30321326	[T/G]	1067293518
Ca_Kabuli_NC_021162.1_30321350	Ca_kabuli_chr03	30321350	[T/C]	1067293519
Ca_Kabuli_NC_021162.1_30321364	Ca_kabuli_chr03	30321364	[A/G]	1067293520
Ca_Kabuli_NC_021162.1_30321368	Ca_kabuli_chr03	30321368	[T/G]	1067293521
Ca_Kabuli_NC_021162.1_30321380	Ca_kabuli_chr03	30321380	[T/C]	1067293522
Ca_Kabuli_NC_021162.1_30358849	Ca_kabuli_chr03	30358849	[T/G]	1067293523
Ca_Kabuli_NC_021162.1_30358873	Ca_kabuli_chr03	30358873	[T/G]	1067293524
Ca_Kabuli_NC_021162.1_30376309	Ca_kabuli_chr03	30376309	[T/C]	1067293525
Ca_Kabuli_NC_021162.1_30383534	Ca_kabuli_chr03	30383534	[T/C]	1067293526

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_30397295	Ca_kabuli_chr03	30397295	[A/G]	1067293529
Ca_Kabuli_NC_021162.1_30408222	Ca_kabuli_chr03	30408222	[T/A]	1067293530
Ca_Kabuli_NC_021162.1_30409084	Ca_kabuli_chr03	30409084	[A/G]	1067293531
Ca_Kabuli_NC_021162.1_30433704	Ca_kabuli_chr03	30433704	[A/G]	1067293532
Ca_Kabuli_NC_021162.1_30475732	Ca_kabuli_chr03	30475732	[T/G]	1067293533
Ca_Kabuli_NC_021162.1_30475735	Ca_kabuli_chr03	30475735	[A/G]	1067293534
Ca_Kabuli_NC_021162.1_30475744	Ca_kabuli_chr03	30475744	[T/G]	1067293535
Ca_Kabuli_NC_021162.1_30510344	Ca_kabuli_chr03	30510344	[T/G]	1067293536
Ca_Kabuli_NC_021162.1_30578369	Ca_kabuli_chr03	30578369	[A/C]	1067293537
Ca_Kabuli_NC_021162.1_30591340	Ca_kabuli_chr03	30591340	[A/C]	1067293538
Ca_Kabuli_NC_021162.1_30614369	Ca_kabuli_chr03	30614369	[C/T]	1067293539
Ca_Kabuli_NC_021162.1_30642253	Ca_kabuli_chr03	30642253	[A/G]	1067293540
Ca_Kabuli_NC_021162.1_30672187	Ca_kabuli_chr03	30672187	[T/G]	1067293541
Ca_Kabuli_NC_021162.1_30672192	Ca_kabuli_chr03	30672192	[C/G]	1067293542
Ca_Kabuli_NC_021162.1_30675504	Ca_kabuli_chr03	30675504	[A/C]	1067293543
Ca_Kabuli_NC_021162.1_30756961	Ca_kabuli_chr03	30756961	[A/C]	1067293544
Ca_Kabuli_NC_021162.1_30790251	Ca_kabuli_chr03	30790251	[A/G]	1067293545
Ca_Kabuli_NC_021162.1_30790253	Ca_kabuli_chr03	30790253	[T/G]	1067293546
Ca_Kabuli_NC_021162.1_30790267	Ca_kabuli_chr03	30790267	[T/G]	1067293547
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Ca_Kabuli_NC_021162.1_30836998	Ca_kabuli_chr03	30836998	[T/G]	1067293549
Ca_Kabuli_NC_021162.1_30837031	Ca_kabuli_chr03	30837031	[G/A]	1067293550
Ca_Kabuli_NC_021162.1_30837130	Ca_kabuli_chr03	30837130	[A/G]	1067293551
Ca_Kabuli_NC_021162.1_30837284	Ca_kabuli_chr03	30837284	[T/C]	1067293552
Ca_Kabuli_NC_021162.1_30932016	Ca_kabuli_chr03	30932016	[T/C]	1067293553
Ca_Kabuli_NC_021162.1_30932019	Ca_kabuli_chr03	30932019	[A/C]	1067293554
Ca_Kabuli_NC_021162.1_31020202	Ca_kabuli_chr03	31020202	[T/C]	1067293555
Ca_Kabuli_NC_021162.1_31020250	Ca_kabuli_chr03	31020250	[A/G]	1067293556
Ca_Kabuli_NC_021162.1_31020278	Ca_kabuli_chr03	31020278	[T/A]	1067293557
Ca_Kabuli_NC_021162.1_31091032	Ca_kabuli_chr03	31091032	[A/C]	1067293558
Ca_Kabuli_NC_021162.1_31091037	Ca_kabuli_chr03	31091037	[A/C]	1067293559
Ca_Kabuli_NC_021162.1_31091054	Ca_kabuli_chr03	31091054	[A/G]	1067293560

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_31091171	Ca_kabuli_chr03	31091171	[T/A]	1067293563
Ca_Kabuli_NC_021162.1_31091890	Ca_kabuli_chr03	31091890	[A/G]	1067293564
Ca_Kabuli_NC_021162.1_31091901	Ca_kabuli_chr03	31091901	[T/C]	1067293565
Ca_Kabuli_NC_021162.1_31091908	Ca_kabuli_chr03	31091908	[A/G]	1067293566
Ca_Kabuli_NC_021162.1_31091936	Ca_kabuli_chr03	31091936	[C/G]	1067293567
Ca_Kabuli_NC_021162.1_31091960	Ca_kabuli_chr03	31091960	[T/G]	1067293568
Ca_Kabuli_NC_021162.1_31097470	Ca_kabuli_chr03	31097470	[G/C]	1067293569
Ca_Kabuli_NC_021162.1_31174333	Ca_kabuli_chr03	31174333	[A/G]	1067293570
Ca_Kabuli_NC_021162.1_31174340	Ca_kabuli_chr03	31174340	[A/G]	1067293571
Ca_Kabuli_NC_021162.1_31228545	Ca_kabuli_chr03	31228545	[G/T]	1067293572
Ca_Kabuli_NC_021162.1_31228546	Ca_kabuli_chr03	31228546	[C/T]	1067293573
Ca_Kabuli_NC_021162.1_31228552	Ca_kabuli_chr03	31228552	[C/A]	1067293574
Ca_Kabuli_NC_021162.1_31228555	Ca_kabuli_chr03	31228555	[A/T]	1067293575
Ca_Kabuli_NC_021162.1_31228557	Ca_kabuli_chr03	31228557	[G/T]	1067293576
Ca_Kabuli_NC_021162.1_31228559	Ca_kabuli_chr03	31228559	[T/C]	1067293577
Ca_Kabuli_NC_021162.1_31228561	Ca_kabuli_chr03	31228561	[C/A]	1067293578
Ca_Kabuli_NC_021162.1_31267639	Ca_kabuli_chr03	31267639	[T/A]	1067293579
Ca_Kabuli_NC_021162.1_31268122	Ca_kabuli_chr03	31268122	[T/C]	1067293580
Ca_Kabuli_NC_021162.1_31268127	Ca_kabuli_chr03	31268127	[T/C]	1067293581
Ca_Kabuli_NC_021162.1_31268138	Ca_kabuli_chr03	31268138	[A/G]	1067293582
Ca_Kabuli_NC_021162.1_31279605	Ca_kabuli_chr03	31279605	[A/G]	1067293583
Ca_Kabuli_NC_021162.1_31279606	Ca_kabuli_chr03	31279606	[A/G]	1067293584
Ca_Kabuli_NC_021162.1_31279616	Ca_kabuli_chr03	31279616	[A/T]	1067293585
Ca_Kabuli_NC_021162.1_31288191	Ca_kabuli_chr03	31288191	[T/C]	1067293586
Ca_Kabuli_NC_021162.1_31288200	Ca_kabuli_chr03	31288200	[T/C]	1067293587
Ca_Kabuli_NC_021162.1_31288208	Ca_kabuli_chr03	31288208	[T/G]	1067293588
Ca_Kabuli_NC_021162.1_31301705	Ca_kabuli_chr03	31301705	[G/A]	1067293589
Ca_Kabuli_NC_021162.1_31302060	Ca_kabuli_chr03	31302060	[C/T]	1067293590
Ca_Kabuli_NC_021162.1_31312923	Ca_kabuli_chr03	31312923	[T/G]	1067293591
Ca_Kabuli_NC_021162.1_31313019	Ca_kabuli_chr03	31313019	[T/C]	1067293592
Ca_Kabuli_NC_021162.1_31313409	Ca_kabuli_chr03	31313409	[T/C]	1067293593
Ca_Kabuli_NC_021162.1_31313641	Ca_kabuli_chr03	31313641	[G/T]	1067293594

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Ca_Kabuli_NC_021162.1_31317521	Ca_kabuli_chr03	31317521	[T/G]	1067293596
Ca_Kabuli_NC_021162.1_31317600	Ca_kabuli_chr03	31317600	[A/G]	1067293597
Ca_Kabuli_NC_021162.1_31321725	Ca_kabuli_chr03	31321725	[G/A]	1067293598
Ca_Kabuli_NC_021162.1_31321877	Ca_kabuli_chr03	31321877	[A/G]	1067293599
Ca_Kabuli_NC_021162.1_31321907	Ca_kabuli_chr03	31321907	[C/T]	1067293600
Ca_Kabuli_NC_021162.1_31322012	Ca_kabuli_chr03	31322012	[A/G]	1067293601
Ca_Kabuli_NC_021162.1_31322014	Ca_kabuli_chr03	31322014	[C/T]	1067293602
Ca_Kabuli_NC_021162.1_31322336	Ca_kabuli_chr03	31322336	[T/C]	1067293603
Ca_Kabuli_NC_021162.1_31322404	Ca_kabuli_chr03	31322404	[C/T]	1067293604
Ca_Kabuli_NC_021162.1_31331685	Ca_kabuli_chr03	31331685	[A/G]	1067293605
Ca_Kabuli_NC_021162.1_31338240	Ca_kabuli_chr03	31338240	[A/C]	1067293606
Ca_Kabuli_NC_021162.1_31341330	Ca_kabuli_chr03	31341330	[A/T]	1067293607
Ca_Kabuli_NC_021162.1_31341359	Ca_kabuli_chr03	31341359	[A/C]	1067293608
Ca_Kabuli_NC_021162.1_31341373	Ca_kabuli_chr03	31341373	[T/C]	1067293609
Ca_Kabuli_NC_021162.1_31342009	Ca_kabuli_chr03	31342009	[A/C]	1067293610
Ca_Kabuli_NC_021162.1_31342024	Ca_kabuli_chr03	31342024	[A/G]	1067293611
Ca_Kabuli_NC_021162.1_31354988	Ca_kabuli_chr03	31354988	[G/C]	1067293612
Ca_Kabuli_NC_021162.1_31355001	Ca_kabuli_chr03	31355001	[C/T]	1067293613
Ca_Kabuli_NC_021162.1_31355026	Ca_kabuli_chr03	31355026	[T/C]	1067293614
Ca_Kabuli_NC_021162.1_31357728	Ca_kabuli_chr03	31357728	[T/G]	1067293615
Ca_Kabuli_NC_021162.1_31357730	Ca_kabuli_chr03	31357730	[G/T]	1067293616
Ca_Kabuli_NC_021162.1_31357732	Ca_kabuli_chr03	31357732	[G/C]	1067293617
Ca_Kabuli_NC_021162.1_31358137	Ca_kabuli_chr03	31358137	[T/G]	1067293618
Ca_Kabuli_NC_021162.1_31361550	Ca_kabuli_chr03	31361550	[A/C]	1067293619
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Ca_Kabuli_NC_021162.1_31411720	Ca_kabuli_chr03	31411720	[A/G]	1067293621
Ca_Kabuli_NC_021162.1_31411932	Ca_kabuli_chr03	31411932	[T/G]	1067293622
Ca_Kabuli_NC_021162.1_31413589	Ca_kabuli_chr03	31413589	[T/G]	1067293623
Ca_Kabuli_NC_021162.1_31431216	Ca_kabuli_chr03	31431216	[T/C]	1067293624
Ca_Kabuli_NC_021162.1_31437752	Ca_kabuli_chr03	31437752	[A/C]	1067293625
Ca_Kabuli_NC_021162.1_31437784	Ca_kabuli_chr03	31437784	[A/G]	1067293626
Ca_Kabuli_NC_021162.1_31457191	Ca_kabuli_chr03	31457191	[T/C]	1067293627
Ca_Kabuli_NC_021162.1_31478882	Ca_kabuli_chr03	31478882	[T/C]	1067293628

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_31516662	Ca_kabuli_chr03	31516662	[T/G]	1067293632
Ca_Kabuli_NC_021162.1_31516766	Ca_kabuli_chr03	31516766	[C/T]	1067293633
Ca_Kabuli_NC_021162.1_31517201	Ca_kabuli_chr03	31517201	[G/A]	1067293634
Ca_Kabuli_NC_021162.1_31519880	Ca_kabuli_chr03	31519880	[T/C]	1067293635
Ca_Kabuli_NC_021162.1_31520119	Ca_kabuli_chr03	31520119	[T/C]	1067293636
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Ca_Kabuli_NC_021162.1_31520225	Ca_kabuli_chr03	31520225	[T/A]	1067293638
Ca_Kabuli_NC_021162.1_31520840	Ca_kabuli_chr03	31520840	[A/G]	1067293639
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Ca_Kabuli_NC_021162.1_31520908	Ca_kabuli_chr03	31520908	[G/T]	1067293642
Ca_Kabuli_NC_021162.1_31521142	Ca_kabuli_chr03	31521142	[C/T]	1067293643
Ca_Kabuli_NC_021162.1_31521155	Ca_kabuli_chr03	31521155	[A/T]	1067293644
Ca_Kabuli_NC_021162.1_31530104	Ca_kabuli_chr03	31530104	[G/A]	1067293645
Ca_Kabuli_NC_021162.1_31537963	Ca_kabuli_chr03	31537963	[A/T]	1067293646
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Ca_Kabuli_NC_021162.1_31542398	Ca_kabuli_chr03	31542398	[T/G]	1067293649
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Ca_Kabuli_NC_021162.1_31621021	Ca_kabuli_chr03	31621021	[A/T]	1067293653
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Ca_Kabuli_NC_021162.1_31625771	Ca_kabuli_chr03	31625771	[T/C]	1067293655
Ca_Kabuli_NC_021162.1_31625792	Ca_kabuli_chr03	31625792	[T/C]	1067293656
Ca_Kabuli_NC_021162.1_31629855	Ca_kabuli_chr03	31629855	[G/T]	1067293657
Ca_Kabuli_NC_021162.1_31630195	Ca_kabuli_chr03	31630195	[C/T]	1067293658
Ca_Kabuli_NC_021162.1_31630512	Ca_kabuli_chr03	31630512	[T/A]	1067293659
Ca_Kabuli_NC_021162.1_31630555	Ca_kabuli_chr03	31630555	[T/G]	1067293660
Ca_Kabuli_NC_021162.1_31631584	Ca_kabuli_chr03	31631584	[A/G]	1067293661
Ca_Kabuli_NC_021162.1_31631622	Ca_kabuli_chr03	31631622	[A/G]	1067293662



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_31646807	Ca_kabuli_chr03	31646807	[T/G]	1067293665
Ca_Kabuli_NC_021162.1_31689184	Ca_kabuli_chr03	31689184	[T/C]	1067293666
Ca_Kabuli_NC_021162.1_31698429	Ca_kabuli_chr03	31698429	[C/A]	1067293667
Ca_Kabuli_NC_021162.1_31698432	Ca_kabuli_chr03	31698432	[A/C]	1067293668
Ca_Kabuli_NC_021162.1_31698469	Ca_kabuli_chr03	31698469	[A/G]	1067293669
Ca_Kabuli_NC_021162.1_31729709	Ca_kabuli_chr03	31729709	[A/C]	1067293670
Ca_Kabuli_NC_021162.1_31729713	Ca_kabuli_chr03	31729713	[A/C]	1067293671
Ca_Kabuli_NC_021162.1_31749084	Ca_kabuli_chr03	31749084	[T/C]	1067293672
Ca_Kabuli_NC_021162.1_31749113	Ca_kabuli_chr03	31749113	[A/G]	1067293673
Ca_Kabuli_NC_021162.1_31765232	Ca_kabuli_chr03	31765232	[T/C]	1067293674
Ca_Kabuli_NC_021162.1_31788112	Ca_kabuli_chr03	31788112	[A/G]	1067293675
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Ca_Kabuli_NC_021162.1_31790393	Ca_kabuli_chr03	31790393	[G/T]	1067293677
Ca_Kabuli_NC_021162.1_31799510	Ca_kabuli_chr03	31799510	[T/G]	1067293678
Ca_Kabuli_NC_021162.1_31799518	Ca_kabuli_chr03	31799518	[G/C]	1067293679
Ca_Kabuli_NC_021162.1_31814796	Ca_kabuli_chr03	31814796	[T/A]	1067293680
Ca_Kabuli_NC_021162.1_31814841	Ca_kabuli_chr03	31814841	[A/G]	1067293681
Ca_Kabuli_NC_021162.1_31817431	Ca_kabuli_chr03	31817431	[G/T]	1067293682
Ca_Kabuli_NC_021162.1_31842500	Ca_kabuli_chr03	31842500	[T/G]	1067293683
Ca_Kabuli_NC_021162.1_31859066	Ca_kabuli_chr03	31859066	[A/C]	1067293684
Ca_Kabuli_NC_021162.1_31864865	Ca_kabuli_chr03	31864865	[A/T]	1067293685
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Ca_Kabuli_NC_021162.1_31931009	Ca_kabuli_chr03	31931009	[T/G]	1067293689
Ca_Kabuli_NC_021162.1_31951942	Ca_kabuli_chr03	31951942	[T/G]	1067293690
Ca_Kabuli_NC_021162.1_31951994	Ca_kabuli_chr03	31951994	[A/G]	1067293691
Ca_Kabuli_NC_021162.1_31952316	Ca_kabuli_chr03	31952316	[G/T]	1067293692
Ca_Kabuli_NC_021162.1_31952326	Ca_kabuli_chr03	31952326	[C/A]	1067293693
Ca_Kabuli_NC_021162.1_31952330	Ca_kabuli_chr03	31952330	[T/C]	1067293694
Ca_Kabuli_NC_021162.1_31952333	Ca_kabuli_chr03	31952333	[T/G]	1067293695
Ca_Kabuli_NC_021162.1_31952337	Ca_kabuli_chr03	31952337	[C/T]	1067293696

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_32378057	Ca_kabuli_chr03	32378057	[C/A]	1067293699
Ca_Kabuli_NC_021162.1_32441088	Ca_kabuli_chr03	32441088	[T/G]	1067293700
Ca_Kabuli_NC_021162.1_32441092	Ca_kabuli_chr03	32441092	[T/C]	1067293701
Ca_Kabuli_NC_021162.1_32448969	Ca_kabuli_chr03	32448969	[T/G]	1067293702
Ca_Kabuli_NC_021162.1_32452041	Ca_kabuli_chr03	32452041	[A/C]	1067293703
Ca_Kabuli_NC_021162.1_32473005	Ca_kabuli_chr03	32473005	[A/G]	1067293704
Ca_Kabuli_NC_021162.1_32473007	Ca_kabuli_chr03	32473007	[T/C]	1067293705
Ca_Kabuli_NC_021162.1_32473062	Ca_kabuli_chr03	32473062	[T/A]	1067293706
Ca_Kabuli_NC_021162.1_32535281	Ca_kabuli_chr03	32535281	[A/G]	1067293707
Ca_Kabuli_NC_021162.1_32593710	Ca_kabuli_chr03	32593710	[A/G]	1067293708
Ca_Kabuli_NC_021162.1_32593718	Ca_kabuli_chr03	32593718	[A/G]	1067293709
Ca_Kabuli_NC_021162.1_32593731	Ca_kabuli_chr03	32593731	[A/G]	1067293710
Ca_Kabuli_NC_021162.1_32593736	Ca_kabuli_chr03	32593736	[T/C]	1067293711
Ca_Kabuli_NC_021162.1_32639819	Ca_kabuli_chr03	32639819	[T/A]	1067293712
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Ca_Kabuli_NC_021162.1_32706248	Ca_kabuli_chr03	32706248	[T/C]	1067293716
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Ca_Kabuli_NC_021162.1_32735258	Ca_kabuli_chr03	32735258	[T/C]	1067293723
Ca_Kabuli_NC_021162.1_32735266	Ca_kabuli_chr03	32735266	[A/T]	1067293724
Ca_Kabuli_NC_021162.1_32735291	Ca_kabuli_chr03	32735291	[T/A]	1067293725
Ca_Kabuli_NC_021162.1_32759265	Ca_kabuli_chr03	32759265	[T/C]	1067293726
Ca_Kabuli_NC_021162.1_32759278	Ca_kabuli_chr03	32759278	[T/G]	1067293727
Ca_Kabuli_NC_021162.1_32759292	Ca_kabuli_chr03	32759292	[A/C]	1067293728
Ca_Kabuli_NC_021162.1_32799371	Ca_kabuli_chr03	32799371	[T/A]	1067293729
Ca_Kabuli_NC_021162.1_32826988	Ca_kabuli_chr03	32826988	[T/C]	1067293730

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_32840345	Ca_kabuli_chr03	32840345	[A/G]	1067293733
Ca_Kabuli_NC_021162.1_32840378	Ca_kabuli_chr03	32840378	[A/G]	1067293734
Ca_Kabuli_NC_021162.1_32840387	Ca_kabuli_chr03	32840387	[A/G]	1067293735
Ca_Kabuli_NC_021162.1_32845301	Ca_kabuli_chr03	32845301	[T/G]	1067293736
Ca_Kabuli_NC_021162.1_32845448	Ca_kabuli_chr03	32845448	[A/C]	1067293737
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Ca_Kabuli_NC_021162.1_33522999	Ca_kabuli_chr03	33522999	[A/G]	1067293757
Ca_Kabuli_NC_021162.1_33523006	Ca_kabuli_chr03	33523006	[A/T]	1067293758
Ca_Kabuli_NC_021162.1_33523032	Ca_kabuli_chr03	33523032	[T/A]	1067293759
Ca_Kabuli_NC_021162.1_33526209	Ca_kabuli_chr03	33526209	[A/G]	1067293760
Ca_Kabuli_NC_021162.1_33627826	Ca_kabuli_chr03	33627826	[A/C]	1067293761
Ca_Kabuli_NC_021162.1_33715215	Ca_kabuli_chr03	33715215	[T/G]	1067293762
Ca_Kabuli_NC_021162.1_33898279	Ca_kabuli_chr03	33898279	[C/G]	1067293763
Ca_Kabuli_NC_021162.1_33898282	Ca_kabuli_chr03	33898282	[C/T]	1067293764

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_33898285	Ca_kabuli_chr03	33898285	[A/G]	1067293766
Ca_Kabuli_NC_021162.1_33900522	Ca_kabuli_chr03	33900522	[A/C]	1067293767
Ca_Kabuli_NC_021162.1_33904394	Ca_kabuli_chr03	33904394	[T/A]	1067293768
Ca_Kabuli_NC_021162.1_34206048	Ca_kabuli_chr03	34206048	[C/A]	1067293769
Ca_Kabuli_NC_021162.1_34387300	Ca_kabuli_chr03	34387300	[A/G]	1067293770
Ca_Kabuli_NC_021162.1_34387310	Ca_kabuli_chr03	34387310	[T/A]	1067293771
Ca_Kabuli_NC_021162.1_34387322	Ca_kabuli_chr03	34387322	[T/G]	1067293772
Ca_Kabuli_NC_021162.1_34434203	Ca_kabuli_chr03	34434203	[A/C]	1067293773
Ca_Kabuli_NC_021162.1_34496893	Ca_kabuli_chr03	34496893	[A/G]	1067293774
Ca_Kabuli_NC_021162.1_34496910	Ca_kabuli_chr03	34496910	[T/C]	1067293775
Ca_Kabuli_NC_021162.1_34496927	Ca_kabuli_chr03	34496927	[A/G]	1067293776
Ca_Kabuli_NC_021162.1_34496933	Ca_kabuli_chr03	34496933	[A/C]	1067293777
Ca_Kabuli_NC_021162.1_34496941	Ca_kabuli_chr03	34496941	[T/C]	1067293778
Ca_Kabuli_NC_021162.1_34496945	Ca_kabuli_chr03	34496945	[A/C]	1067293779
Ca_Kabuli_NC_021162.1_34576560	Ca_kabuli_chr03	34576560	[A/C]	1067293780
Ca_Kabuli_NC_021162.1_34576588	Ca_kabuli_chr03	34576588	[A/G]	1067293781
Ca_Kabuli_NC_021162.1_34603704	Ca_kabuli_chr03	34603704	[A/C]	1067293782
Ca_Kabuli_NC_021162.1_34603709	Ca_kabuli_chr03	34603709	[A/C]	1067293783
Ca_Kabuli_NC_021162.1_34603724	Ca_kabuli_chr03	34603724	[A/T]	1067293784
Ca_Kabuli_NC_021162.1_34603975	Ca_kabuli_chr03	34603975	[A/C]	1067293785
Ca_Kabuli_NC_021162.1_34650253	Ca_kabuli_chr03	34650253	[T/C]	1067293786
Ca_Kabuli_NC_021162.1_34699109	Ca_kabuli_chr03	34699109	[T/G]	1067293787
Ca_Kabuli_NC_021162.1_34699114	Ca_kabuli_chr03	34699114	[C/A]	1067293788
Ca_Kabuli_NC_021162.1_34722866	Ca_kabuli_chr03	34722866	[G/A]	1067293789
Ca_Kabuli_NC_021162.1_34722868	Ca_kabuli_chr03	34722868	[T/G]	1067293790
Ca_Kabuli_NC_021162.1_34722869	Ca_kabuli_chr03	34722869	[G/A]	1067293791
Ca_Kabuli_NC_021162.1_34722876	Ca_kabuli_chr03	34722876	[T/G]	1067293792
Ca_Kabuli_NC_021162.1_34722893	Ca_kabuli_chr03	34722893	[T/G]	1067293793
Ca_Kabuli_NC_021162.1_34722942	Ca_kabuli_chr03	34722942	[T/G]	1067293794
Ca_Kabuli_NC_021162.1_34722960	Ca_kabuli_chr03	34722960	[T/A]	1067293795
Ca_Kabuli_NC_021162.1_34860356	Ca_kabuli_chr03	34860356	[A/G]	1067293796
Ca_Kabuli_NC_021162.1_34896470	Ca_kabuli_chr03	34896470	[T/G]	1067293797
Ca_Kabuli_NC_021162.1_34911630	Ca_kabuli_chr03	34911630	[A/C]	1067293798

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_35029902	Ca_kabuli_chr03	35029902	[T/C]	1067293801
Ca_Kabuli_NC_021162.1_35029903	Ca_kabuli_chr03	35029903	[A/T]	1067293802
Ca_Kabuli_NC_021162.1_35029931	Ca_kabuli_chr03	35029931	[A/T]	1067293803
Ca_Kabuli_NC_021162.1_35061822	Ca_kabuli_chr03	35061822	[A/G]	1067293804
Ca_Kabuli_NC_021162.1_35061823	Ca_kabuli_chr03	35061823	[A/C]	1067293805
Ca_Kabuli_NC_021162.1_35061827	Ca_kabuli_chr03	35061827	[G/T]	1067293806
Ca_Kabuli_NC_021162.1_35061829	Ca_kabuli_chr03	35061829	[T/G]	1067293807
Ca_Kabuli_NC_021162.1_35071244	Ca_kabuli_chr03	35071244	[T/C]	1067293808
Ca_Kabuli_NC_021162.1_35071852	Ca_kabuli_chr03	35071852	[T/G]	1067293809
Ca_Kabuli_NC_021162.1_35082215	Ca_kabuli_chr03	35082215	[A/C]	1067293810
Ca_Kabuli_NC_021162.1_35082253	Ca_kabuli_chr03	35082253	[T/C]	1067293811
Ca_Kabuli_NC_021162.1_35084142	Ca_kabuli_chr03	35084142	[A/G]	1067293812
Ca_Kabuli_NC_021162.1_35085576	Ca_kabuli_chr03	35085576	[T/A]	1067293813
Ca_Kabuli_NC_021162.1_35085580	Ca_kabuli_chr03	35085580	[A/G]	1067293814
Ca_Kabuli_NC_021162.1_35085618	Ca_kabuli_chr03	35085618	[T/C]	1067293815
Ca_Kabuli_NC_021162.1_35085622	Ca_kabuli_chr03	35085622	[A/G]	1067293816
Ca_Kabuli_NC_021162.1_35085659	Ca_kabuli_chr03	35085659	[A/C]	1067293817
Ca_Kabuli_NC_021162.1_35184964	Ca_kabuli_chr03	35184964	[T/C]	1067293818
Ca_Kabuli_NC_021162.1_35184973	Ca_kabuli_chr03	35184973	[A/C]	1067293819
Ca_Kabuli_NC_021162.1_35195902	Ca_kabuli_chr03	35195902	[A/G]	1067293820
Ca_Kabuli_NC_021162.1_35298513	Ca_kabuli_chr03	35298513	[C/A]	1067293821
Ca_Kabuli_NC_021162.1_35298514	Ca_kabuli_chr03	35298514	[A/G]	1067293822
Ca_Kabuli_NC_021162.1_35298515	Ca_kabuli_chr03	35298515	[T/A]	1067293823
Ca_Kabuli_NC_021162.1_35332171	Ca_kabuli_chr03	35332171	[A/C]	1067293824
Ca_Kabuli_NC_021162.1_35354403	Ca_kabuli_chr03	35354403	[A/T]	1067293825
Ca_Kabuli_NC_021162.1_35354446	Ca_kabuli_chr03	35354446	[T/C]	1067293826
Ca_Kabuli_NC_021162.1_35384915	Ca_kabuli_chr03	35384915	[T/C]	1067293827
Ca_Kabuli_NC_021162.1_35414268	Ca_kabuli_chr03	35414268	[T/A]	1067293828
Ca_Kabuli_NC_021162.1_35414306	Ca_kabuli_chr03	35414306	[T/G]	1067293829
Ca_Kabuli_NC_021162.1_35424830	Ca_kabuli_chr03	35424830	[T/C]	1067293830
Ca_Kabuli_NC_021162.1_35424833	Ca_kabuli_chr03	35424833	[T/C]	1067293831
Ca_Kabuli_NC_021162.1_35424855	Ca_kabuli_chr03	35424855	[T/A]	1067293832

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_35425110	Ca_kabuli_chr03	35425110	[T/C]	1067293836
Ca_Kabuli_NC_021162.1_35425159	Ca_kabuli_chr03	35425159	[A/G]	1067293837
Ca_Kabuli_NC_021162.1_35464889	Ca_kabuli_chr03	35464889	[T/G]	1067293838
Ca_Kabuli_NC_021162.1_35465375	Ca_kabuli_chr03	35465375	[G/C]	1067293839
Ca_Kabuli_NC_021162.1_35465376	Ca_kabuli_chr03	35465376	[T/C]	1067293840
Ca_Kabuli_NC_021162.1_35465380	Ca_kabuli_chr03	35465380	[G/T]	1067293841
Ca_Kabuli_NC_021162.1_35478610	Ca_kabuli_chr03	35478610	[G/T]	1067293842
Ca_Kabuli_NC_021162.1_35484047	Ca_kabuli_chr03	35484047	[A/T]	1067293843
Ca_Kabuli_NC_021162.1_35490904	Ca_kabuli_chr03	35490904	[T/C]	1067293844
Ca_Kabuli_NC_021162.1_35631684	Ca_kabuli_chr03	35631684	[T/G]	1067293845
Ca_Kabuli_NC_021162.1_35631690	Ca_kabuli_chr03	35631690	[T/C]	1067293846
Ca_Kabuli_NC_021162.1_35631718	Ca_kabuli_chr03	35631718	[T/G]	1067293847
Ca_Kabuli_NC_021162.1_35676141	Ca_kabuli_chr03	35676141	[T/C]	1067293848
Ca_Kabuli_NC_021162.1_35676164	Ca_kabuli_chr03	35676164	[T/G]	1067293849
Ca_Kabuli_NC_021162.1_35807358	Ca_kabuli_chr03	35807358	[A/C]	1067293850
Ca_Kabuli_NC_021162.1_35807390	Ca_kabuli_chr03	35807390	[A/C]	1067293851
Ca_Kabuli_NC_021162.1_35826134	Ca_kabuli_chr03	35826134	[A/G]	1067293852
Ca_Kabuli_NC_021162.1_35829777	Ca_kabuli_chr03	35829777	[G/C]	1067293853
Ca_Kabuli_NC_021162.1_35853464	Ca_kabuli_chr03	35853464	[A/C]	1067293854
Ca_Kabuli_NC_021162.1_35853514	Ca_kabuli_chr03	35853514	[T/A]	1067293855
Ca_Kabuli_NC_021162.1_35853624	Ca_kabuli_chr03	35853624	[T/C]	1067293856
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Ca_Kabuli_NC_021162.1_35897932	Ca_kabuli_chr03	35897932	[T/C]	1067293858
Ca_Kabuli_NC_021162.1_35898227	Ca_kabuli_chr03	35898227	[A/C]	1067293859
Ca_Kabuli_NC_021162.1_35898233	Ca_kabuli_chr03	35898233	[A/C]	1067293860
Ca_Kabuli_NC_021162.1_35920747	Ca_kabuli_chr03	35920747	[T/C]	1067293861
Ca_Kabuli_NC_021162.1_35920780	Ca_kabuli_chr03	35920780	[T/G]	1067293862
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Ca_Kabuli_NC_021162.1_35979412	Ca_kabuli_chr03	35979412	[G/T]	1067293864
Ca_Kabuli_NC_021162.1_35979490	Ca_kabuli_chr03	35979490	[T/C]	1067293865
Ca_Kabuli_NC_021162.1_36003699	Ca_kabuli_chr03	36003699	[A/G]	1067293866

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_36034934	Ca_kabuli_chr03	36034934	[C/A]	1067293869
Ca_Kabuli_NC_021162.1_36036333	Ca_kabuli_chr03	36036333	[G/C]	1067293870
Ca_Kabuli_NC_021162.1_36036341	Ca_kabuli_chr03	36036341	[T/A]	1067293871
Ca_Kabuli_NC_021162.1_36036353	Ca_kabuli_chr03	36036353	[G/A]	1067293872
Ca_Kabuli_NC_021162.1_36039133	Ca_kabuli_chr03	36039133	[T/C]	1067293873
Ca_Kabuli_NC_021162.1_36046845	Ca_kabuli_chr03	36046845	[A/C]	1067293874
Ca_Kabuli_NC_021162.1_36046937	Ca_kabuli_chr03	36046937	[A/C]	1067293875
Ca_Kabuli_NC_021162.1_36046938	Ca_kabuli_chr03	36046938	[C/G]	1067293876
Ca_Kabuli_NC_021162.1_36046951	Ca_kabuli_chr03	36046951	[C/T]	1067293877
Ca_Kabuli_NC_021162.1_36046961	Ca_kabuli_chr03	36046961	[A/C]	1067293878
Ca_Kabuli_NC_021162.1_36046966	Ca_kabuli_chr03	36046966	[C/T]	1067293879
Ca_Kabuli_NC_021162.1_36050259	Ca_kabuli_chr03	36050259	[G/T]	1067293880
Ca_Kabuli_NC_021162.1_36050319	Ca_kabuli_chr03	36050319	[C/T]	1067293881
Ca_Kabuli_NC_021162.1_36060899	Ca_kabuli_chr03	36060899	[T/G]	1067293882
Ca_Kabuli_NC_021162.1_36060930	Ca_kabuli_chr03	36060930	[A/C]	1067293883
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Ca_Kabuli_NC_021162.1_36070879	Ca_kabuli_chr03	36070879	[C/G]	1067293886
Ca_Kabuli_NC_021162.1_36070972	Ca_kabuli_chr03	36070972	[A/G]	1067293887
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Ca_Kabuli_NC_021162.1_36072770	Ca_kabuli_chr03	36072770	[A/G]	1067293889
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Ca_Kabuli_NC_021162.1_36086028	Ca_kabuli_chr03	36086028	[G/T]	1067293892
Ca_Kabuli_NC_021162.1_36118120	Ca_kabuli_chr03	36118120	[C/T]	1067293893
Ca_Kabuli_NC_021162.1_36132391	Ca_kabuli_chr03	36132391	[A/G]	1067293894
Ca_Kabuli_NC_021162.1_36132432	Ca_kabuli_chr03	36132432	[A/G]	1067293895
Ca_Kabuli_NC_021162.1_36132445	Ca_kabuli_chr03	36132445	[T/G]	1067293896
Ca_Kabuli_NC_021162.1_36132586	Ca_kabuli_chr03	36132586	[G/T]	1067293897
Ca_Kabuli_NC_021162.1_36150722	Ca_kabuli_chr03	36150722	[A/G]	1067293898
Ca_Kabuli_NC_021162.1_36178343	Ca_kabuli_chr03	36178343	[A/G]	1067293899
Ca_Kabuli_NC_021162.1_36194086	Ca_kabuli_chr03	36194086	[G/C]	1067293900

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_36205845	Ca_kabuli_chr03	36205845	[G/A]	1067293903
Ca_Kabuli_NC_021162.1_36206037	Ca_kabuli_chr03	36206037	[A/G]	1067293904
Ca_Kabuli_NC_021162.1_36206046	Ca_kabuli_chr03	36206046	[T/C]	1067293905
Ca_Kabuli_NC_021162.1_36206085	Ca_kabuli_chr03	36206085	[T/C]	1067293906
Ca_Kabuli_NC_021162.1_36206138	Ca_kabuli_chr03	36206138	[A/G]	1067293907
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Ca_Kabuli_NC_021162.1_36212843	Ca_kabuli_chr03	36212843	[T/A]	1067293909
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Ca_Kabuli_NC_021162.1_36228121	Ca_kabuli_chr03	36228121	[T/A]	1067293914
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Ca_Kabuli_NC_021162.1_36282123	Ca_kabuli_chr03	36282123	[A/G]	1067293928
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Ca_Kabuli_NC_021162.1_36330750	Ca_kabuli_chr03	36330750	[A/G]	1067293930
Ca_Kabuli_NC_021162.1_36330815	Ca_kabuli_chr03	36330815	[T/C]	1067293931
Ca_Kabuli_NC_021162.1_36334653	Ca_kabuli_chr03	36334653	[A/G]	1067293932
Ca_Kabuli_NC_021162.1_36334699	Ca_kabuli_chr03	36334699	[T/G]	1067293933
Ca_Kabuli_NC_021162.1_36361339	Ca_kabuli_chr03	36361339	[C/T]	1067293934



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_36380423	Ca_kabuli_chr03	36380423	[G/A]	1067293936
Ca_Kabuli_NC_021162.1_36387718	Ca_kabuli_chr03	36387718	[T/C]	1067293937
Ca_Kabuli_NC_021162.1_36407587	Ca_kabuli_chr03	36407587	[G/A]	1067293938
Ca_Kabuli_NC_021162.1_36417921	Ca_kabuli_chr03	36417921	[G/A]	1067293939
Ca_Kabuli_NC_021162.1_36417942	Ca_kabuli_chr03	36417942	[T/C]	1067293940
Ca_Kabuli_NC_021162.1_36418025	Ca_kabuli_chr03	36418025	[A/G]	1067293941
Ca_Kabuli_NC_021162.1_36432389	Ca_kabuli_chr03	36432389	[G/A]	1067293942
Ca_Kabuli_NC_021162.1_36441575	Ca_kabuli_chr03	36441575	[A/G]	1067293943
Ca_Kabuli_NC_021162.1_36441593	Ca_kabuli_chr03	36441593	[T/A]	1067293944
Ca_Kabuli_NC_021162.1_36441594	Ca_kabuli_chr03	36441594	[G/A]	1067293945
Ca_Kabuli_NC_021162.1_36441595	Ca_kabuli_chr03	36441595	[T/C]	1067293946
Ca_Kabuli_NC_021162.1_36447525	Ca_kabuli_chr03	36447525	[C/T]	1067293947
Ca_Kabuli_NC_021162.1_36463010	Ca_kabuli_chr03	36463010	[A/T]	1067293948
Ca_Kabuli_NC_021162.1_36563350	Ca_kabuli_chr03	36563350	[C/T]	1067293949
Ca_Kabuli_NC_021162.1_36568324	Ca_kabuli_chr03	36568324	[A/C]	1067293950
Ca_Kabuli_NC_021162.1_36573324	Ca_kabuli_chr03	36573324	[T/C]	1067293951
Ca_Kabuli_NC_021162.1_36573411	Ca_kabuli_chr03	36573411	[A/C]	1067293952
Ca_Kabuli_NC_021162.1_36584095	Ca_kabuli_chr03	36584095	[A/G]	1067293953
Ca_Kabuli_NC_021162.1_36584127	Ca_kabuli_chr03	36584127	[T/G]	1067293954
Ca_Kabuli_NC_021162.1_36588765	Ca_kabuli_chr03	36588765	[A/T]	1067293955
Ca_Kabuli_NC_021162.1_36588788	Ca_kabuli_chr03	36588788	[A/G]	1067293956
Ca_Kabuli_NC_021162.1_36588914	Ca_kabuli_chr03	36588914	[A/C]	1067293957
Ca_Kabuli_NC_021162.1_36609256	Ca_kabuli_chr03	36609256	[T/G]	1067293958
Ca_Kabuli_NC_021162.1_36610509	Ca_kabuli_chr03	36610509	[A/G]	1067293959
Ca_Kabuli_NC_021162.1_36634188	Ca_kabuli_chr03	36634188	[T/G]	1067293960
Ca_Kabuli_NC_021162.1_36644077	Ca_kabuli_chr03	36644077	[A/G]	1067293961
Ca_Kabuli_NC_021162.1_36644129	Ca_kabuli_chr03	36644129	[A/G]	1067293962
Ca_Kabuli_NC_021162.1_36658776	Ca_kabuli_chr03	36658776	[A/T]	1067293963
Ca_Kabuli_NC_021162.1_36749838	Ca_kabuli_chr03	36749838	[A/C]	1067293964
Ca_Kabuli_NC_021162.1_36749851	Ca_kabuli_chr03	36749851	[A/G]	1067293965
Ca_Kabuli_NC_021162.1_36749942	Ca_kabuli_chr03	36749942	[T/C]	1067293966
Ca_Kabuli_NC_021162.1_36749980	Ca_kabuli_chr03	36749980	[A/G]	1067293967
Ca_Kabuli_NC_021162.1_36752677	Ca_kabuli_chr03	36752677	[A/C]	1067293968

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_36752763	Ca_kabuli_chr03	36752763	[A/G]	1067293971
Ca_Kabuli_NC_021162.1_36752765	Ca_kabuli_chr03	36752765	[T/C]	1067293972
Ca_Kabuli_NC_021162.1_36752778	Ca_kabuli_chr03	36752778	[A/G]	1067293973
Ca_Kabuli_NC_021162.1_36752828	Ca_kabuli_chr03	36752828	[A/G]	1067293974
Ca_Kabuli_NC_021162.1_36754270	Ca_kabuli_chr03	36754270	[T/G]	1067293975
Ca_Kabuli_NC_021162.1_36754366	Ca_kabuli_chr03	36754366	[A/C]	1067293976
Ca_Kabuli_NC_021162.1_36754369	Ca_kabuli_chr03	36754369	[A/C]	1067293977
Ca_Kabuli_NC_021162.1_36816705	Ca_kabuli_chr03	36816705	[T/C]	1067293978
Ca_Kabuli_NC_021162.1_36816725	Ca_kabuli_chr03	36816725	[T/C]	1067293979
Ca_Kabuli_NC_021162.1_36816752	Ca_kabuli_chr03	36816752	[A/C]	1067293980
Ca_Kabuli_NC_021162.1_36825508	Ca_kabuli_chr03	36825508	[T/C]	1067293981
Ca_Kabuli_NC_021162.1_36860990	Ca_kabuli_chr03	36860990	[A/C]	1067293982
Ca_Kabuli_NC_021162.1_36871004	Ca_kabuli_chr03	36871004	[T/A]	1067293983
Ca_Kabuli_NC_021162.1_36871092	Ca_kabuli_chr03	36871092	[T/C]	1067293984
Ca_Kabuli_NC_021162.1_36871094	Ca_kabuli_chr03	36871094	[A/G]	1067293985
Ca_Kabuli_NC_021162.1_36871099	Ca_kabuli_chr03	36871099	[A/T]	1067293986
Ca_Kabuli_NC_021162.1_36871115	Ca_kabuli_chr03	36871115	[T/G]	1067293987
Ca_Kabuli_NC_021162.1_36871128	Ca_kabuli_chr03	36871128	[T/C]	1067293988
Ca_Kabuli_NC_021162.1_36872737	Ca_kabuli_chr03	36872737	[A/C]	1067293989
Ca_Kabuli_NC_021162.1_36872747	Ca_kabuli_chr03	36872747	[A/C]	1067293990
Ca_Kabuli_NC_021162.1_36883124	Ca_kabuli_chr03	36883124	[T/C]	1067293991
Ca_Kabuli_NC_021162.1_36883176	Ca_kabuli_chr03	36883176	[A/C]	1067293992
Ca_Kabuli_NC_021162.1_36935486	Ca_kabuli_chr03	36935486	[T/A]	1067293993
Ca_Kabuli_NC_021162.1_36935487	Ca_kabuli_chr03	36935487	[A/T]	1067293994
Ca_Kabuli_NC_021162.1_36935488	Ca_kabuli_chr03	36935488	[G/C]	1067293995
Ca_Kabuli_NC_021162.1_36935489	Ca_kabuli_chr03	36935489	[G/T]	1067293996
Ca_Kabuli_NC_021162.1_36967289	Ca_kabuli_chr03	36967289	[A/C]	1067293997
Ca_Kabuli_NC_021162.1_37155895	Ca_kabuli_chr03	37155895	[A/G]	1067293998
Ca_Kabuli_NC_021162.1_37155901	Ca_kabuli_chr03	37155901	[T/C]	1067293999
Ca_Kabuli_NC_021162.1_37155955	Ca_kabuli_chr03	37155955	[T/A]	1067294000
Ca_Kabuli_NC_021162.1_37160795	Ca_kabuli_chr03	37160795	[A/C]	1067294001
Ca_Kabuli_NC_021162.1_37160804	Ca_kabuli_chr03	37160804	[A/G]	1067294002

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_37178516	Ca_kabuli_chr03	37178516	[T/C]	1067294005
Ca_Kabuli_NC_021162.1_37267774	Ca_kabuli_chr03	37267774	[A/T]	1067294006
Ca_Kabuli_NC_021162.1_37267875	Ca_kabuli_chr03	37267875	[C/A]	1067294007
Ca_Kabuli_NC_021162.1_37267898	Ca_kabuli_chr03	37267898	[T/G]	1067294008
Ca_Kabuli_NC_021162.1_37269067	Ca_kabuli_chr03	37269067	[C/A]	1067294009
Ca_Kabuli_NC_021162.1_37297922	Ca_kabuli_chr03	37297922	[A/G]	1067294010
Ca_Kabuli_NC_021162.1_37303602	Ca_kabuli_chr03	37303602	[T/A]	1067294011
Ca_Kabuli_NC_021162.1_37309436	Ca_kabuli_chr03	37309436	[A/G]	1067294012
Ca_Kabuli_NC_021162.1_37314823	Ca_kabuli_chr03	37314823	[A/G]	1067294013
Ca_Kabuli_NC_021162.1_37314832	Ca_kabuli_chr03	37314832	[T/A]	1067294014
Ca_Kabuli_NC_021162.1_37316815	Ca_kabuli_chr03	37316815	[C/G]	1067294015
Ca_Kabuli_NC_021162.1_37316816	Ca_kabuli_chr03	37316816	[T/C]	1067294016
Ca_Kabuli_NC_021162.1_37316817	Ca_kabuli_chr03	37316817	[G/T]	1067294017
Ca_Kabuli_NC_021162.1_37316818	Ca_kabuli_chr03	37316818	[T/G]	1067294018
Ca_Kabuli_NC_021162.1_37322763	Ca_kabuli_chr03	37322763	[A/C]	1067294019
Ca_Kabuli_NC_021162.1_37322808	Ca_kabuli_chr03	37322808	[T/C]	1067294020
Ca_Kabuli_NC_021162.1_37378323	Ca_kabuli_chr03	37378323	[A/C]	1067294021
Ca_Kabuli_NC_021162.1_37436493	Ca_kabuli_chr03	37436493	[A/G]	1067294022
Ca_Kabuli_NC_021162.1_37438110	Ca_kabuli_chr03	37438110	[T/C]	1067294023
Ca_Kabuli_NC_021162.1_37438148	Ca_kabuli_chr03	37438148	[G/A]	1067294024
Ca_Kabuli_NC_021162.1_37439576	Ca_kabuli_chr03	37439576	[T/C]	1067294025
Ca_Kabuli_NC_021162.1_37472189	Ca_kabuli_chr03	37472189	[T/C]	1067294026
Ca_Kabuli_NC_021162.1_37472240	Ca_kabuli_chr03	37472240	[A/G]	1067294027
Ca_Kabuli_NC_021162.1_37499211	Ca_kabuli_chr03	37499211	[A/G]	1067294028
Ca_Kabuli_NC_021162.1_37499253	Ca_kabuli_chr03	37499253	[A/C]	1067294029
Ca_Kabuli_NC_021162.1_37499259	Ca_kabuli_chr03	37499259	[A/G]	1067294030
Ca_Kabuli_NC_021162.1_37608935	Ca_kabuli_chr03	37608935	[C/A]	1067294031
Ca_Kabuli_NC_021162.1_37608936	Ca_kabuli_chr03	37608936	[T/G]	1067294032
Ca_Kabuli_NC_021162.1_37608937	Ca_kabuli_chr03	37608937	[T/A]	1067294033
Ca_Kabuli_NC_021162.1_37637640	Ca_kabuli_chr03	37637640	[A/T]	1067294034
Ca_Kabuli_NC_021162.1_37637641	Ca_kabuli_chr03	37637641	[A/T]	1067294035
Ca_Kabuli_NC_021162.1_37637642	Ca_kabuli_chr03	37637642	[A/T]	1067294036

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_37759428	Ca_kabuli_chr03	37759428	[G/A]	1067294038
Ca_Kabuli_NC_021162.1_37765723	Ca_kabuli_chr03	37765723	[T/C]	1067294039
Ca_Kabuli_NC_021162.1_37765738	Ca_kabuli_chr03	37765738	[C/T]	1067294040
Ca_Kabuli_NC_021162.1_37765765	Ca_kabuli_chr03	37765765	[T/G]	1067294041
Ca_Kabuli_NC_021162.1_37765767	Ca_kabuli_chr03	37765767	[A/G]	1067294042
Ca_Kabuli_NC_021162.1_37806633	Ca_kabuli_chr03	37806633	[T/C]	1067294043
Ca_Kabuli_NC_021162.1_37806647	Ca_kabuli_chr03	37806647	[C/A]	1067294044
Ca_Kabuli_NC_021162.1_37817266	Ca_kabuli_chr03	37817266	[A/C]	1067294045
Ca_Kabuli_NC_021162.1_37822882	Ca_kabuli_chr03	37822882	[A/T]	1067294046
Ca_Kabuli_NC_021162.1_37866125	Ca_kabuli_chr03	37866125	[A/G]	1067294047
Ca_Kabuli_NC_021162.1_37866133	Ca_kabuli_chr03	37866133	[A/G]	1067294048
Ca_Kabuli_NC_021162.1_37942807	Ca_kabuli_chr03	37942807	[A/G]	1067294049
Ca_Kabuli_NC_021162.1_37951112	Ca_kabuli_chr03	37951112	[C/T]	1067294050
Ca_Kabuli_NC_021162.1_37985776	Ca_kabuli_chr03	37985776	[T/A]	1067294051
Ca_Kabuli_NC_021162.1_37985947	Ca_kabuli_chr03	37985947	[A/T]	1067294052
Ca_Kabuli_NC_021162.1_37985977	Ca_kabuli_chr03	37985977	[A/G]	1067294053
Ca_Kabuli_NC_021162.1_37986028	Ca_kabuli_chr03	37986028	[G/A]	1067294054
Ca_Kabuli_NC_021162.1_38015973	Ca_kabuli_chr03	38015973	[C/G]	1067294055
Ca_Kabuli_NC_021162.1_38016234	Ca_kabuli_chr03	38016234	[T/C]	1067294056
Ca_Kabuli_NC_021162.1_38026725	Ca_kabuli_chr03	38026725	[G/A]	1067294057
Ca_Kabuli_NC_021162.1_38029092	Ca_kabuli_chr03	38029092	[T/C]	1067294058
Ca_Kabuli_NC_021162.1_38029101	Ca_kabuli_chr03	38029101	[A/C]	1067294059
Ca_Kabuli_NC_021162.1_38029131	Ca_kabuli_chr03	38029131	[A/T]	1067294060
Ca_Kabuli_NC_021162.1_38034006	Ca_kabuli_chr03	38034006	[G/C]	1067294061
Ca_Kabuli_NC_021162.1_38046362	Ca_kabuli_chr03	38046362	[A/G]	1067294062
Ca_Kabuli_NC_021162.1_38046522	Ca_kabuli_chr03	38046522	[A/G]	1067294063
Ca_Kabuli_NC_021162.1_38049996	Ca_kabuli_chr03	38049996	[A/G]	1067294064
Ca_Kabuli_NC_021162.1_38054694	Ca_kabuli_chr03	38054694	[G/C]	1067294065
Ca_Kabuli_NC_021162.1_38055488	Ca_kabuli_chr03	38055488	[T/C]	1067294066
Ca_Kabuli_NC_021162.1_38059303	Ca_kabuli_chr03	38059303	[T/C]	1067294067
Ca_Kabuli_NC_021162.1_38060814	Ca_kabuli_chr03	38060814	[A/G]	1067294068
Ca_Kabuli_NC_021162.1_38074259	Ca_kabuli_chr03	38074259	[C/A]	1067294069
Ca_Kabuli_NC_021162.1_38076428	Ca_kabuli_chr03	38076428	[T/C]	1067294070

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_38076449	Ca_kabuli_chr03	38076449	[T/C]	1067294073
Ca_Kabuli_NC_021162.1_38076458	Ca_kabuli_chr03	38076458	[A/G]	1067294074
Ca_Kabuli_NC_021162.1_38088503	Ca_kabuli_chr03	38088503	[A/C]	1067294075
Ca_Kabuli_NC_021162.1_38103366	Ca_kabuli_chr03	38103366	[T/G]	1067294076
Ca_Kabuli_NC_021162.1_38103367	Ca_kabuli_chr03	38103367	[T/G]	1067294077
Ca_Kabuli_NC_021162.1_38103368	Ca_kabuli_chr03	38103368	[T/A]	1067294078
Ca_Kabuli_NC_021162.1_38103369	Ca_kabuli_chr03	38103369	[T/G]	1067294079
Ca_Kabuli_NC_021162.1_38103375	Ca_kabuli_chr03	38103375	[T/C]	1067294080
Ca_Kabuli_NC_021162.1_38103524	Ca_kabuli_chr03	38103524	[C/T]	1067294081
Ca_Kabuli_NC_021162.1_38112801	Ca_kabuli_chr03	38112801	[C/T]	1067294082
Ca_Kabuli_NC_021162.1_38112802	Ca_kabuli_chr03	38112802	[T/C]	1067294083
Ca_Kabuli_NC_021162.1_38112971	Ca_kabuli_chr03	38112971	[A/G]	1067294084
Ca_Kabuli_NC_021162.1_38115564	Ca_kabuli_chr03	38115564	[A/T]	1067294085
Ca_Kabuli_NC_021162.1_38117169	Ca_kabuli_chr03	38117169	[C/T]	1067294086
Ca_Kabuli_NC_021162.1_38117584	Ca_kabuli_chr03	38117584	[G/A]	1067294087
Ca_Kabuli_NC_021162.1_38117585	Ca_kabuli_chr03	38117585	[A/C]	1067294088
Ca_Kabuli_NC_021162.1_38119199	Ca_kabuli_chr03	38119199	[T/C]	1067294089
Ca_Kabuli_NC_021162.1_38119204	Ca_kabuli_chr03	38119204	[T/G]	1067294090
Ca_Kabuli_NC_021162.1_38119236	Ca_kabuli_chr03	38119236	[T/G]	1067294091
Ca_Kabuli_NC_021162.1_38127341	Ca_kabuli_chr03	38127341	[C/T]	1067294092
Ca_Kabuli_NC_021162.1_38130410	Ca_kabuli_chr03	38130410	[A/G]	1067294093
Ca_Kabuli_NC_021162.1_38145115	Ca_kabuli_chr03	38145115	[T/C]	1067294094
Ca_Kabuli_NC_021162.1_38147699	Ca_kabuli_chr03	38147699	[T/C]	1067294095
Ca_Kabuli_NC_021162.1_38166877	Ca_kabuli_chr03	38166877	[A/C]	1067294096
Ca_Kabuli_NC_021162.1_38166921	Ca_kabuli_chr03	38166921	[A/G]	1067294097
Ca_Kabuli_NC_021162.1_38167980	Ca_kabuli_chr03	38167980	[T/A]	1067294098
Ca_Kabuli_NC_021162.1_38169101	Ca_kabuli_chr03	38169101	[A/G]	1067294099
Ca_Kabuli_NC_021162.1_38169102	Ca_kabuli_chr03	38169102	[T/G]	1067294100
Ca_Kabuli_NC_021162.1_38171434	Ca_kabuli_chr03	38171434	[A/G]	1067294101
Ca_Kabuli_NC_021162.1_38171484	Ca_kabuli_chr03	38171484	[T/C]	1067294102
Ca_Kabuli_NC_021162.1_38171485	Ca_kabuli_chr03	38171485	[A/C]	1067294103
Ca_Kabuli_NC_021162.1_38171486	Ca_kabuli_chr03	38171486	[G/A]	1067294104

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021162.1_38171987	Ca_kabuli_chr03	38171987	[C/A]	1067294105
Ca_Kabuli_NC_021162.1_38200748	Ca_kabuli_chr03	38200748	[T/G]	1067294106
Ca_Kabuli_NC_021162.1_38202223	Ca_kabuli_chr03	38202223	[T/C]	1067294107
Ca_Kabuli_NC_021162.1_38205470	Ca_kabuli_chr03	38205470	[A/G]	1067294108
Ca_Kabuli_NC_021162.1_38205481	Ca_kabuli_chr03	38205481	[A/T]	1067294109
Ca_Kabuli_NC_021162.1_38205491	Ca_kabuli_chr03	38205491	[C/A]	1067294110
Ca_Kabuli_NC_021162.1_38205503	Ca_kabuli_chr03	38205503	[G/C]	1067294111
Ca_Kabuli_NC_021162.1_38211280	Ca_kabuli_chr03	38211280	[T/C]	1067294112
Ca_Kabuli_NC_021162.1_38216263	Ca_kabuli_chr03	38216263	[A/T]	1067294113
Ca_Kabuli_NC_021162.1_38220857	Ca_kabuli_chr03	38220857	[T/C]	1067294114
Ca_Kabuli_NC_021162.1_38220882	Ca_kabuli_chr03	38220882	[T/G]	1067294115
Ca_Kabuli_NC_021162.1_38220946	Ca_kabuli_chr03	38220946	[T/G]	1067294116
Ca_Kabuli_NC_021162.1_38220958	Ca_kabuli_chr03	38220958	[A/G]	1067294117
Ca_Kabuli_NC_021162.1_38220982	Ca_kabuli_chr03	38220982	[T/G]	1067294118
Ca_Kabuli_NC_021162.1_38222733	Ca_kabuli_chr03	38222733	[C/G]	1067294119
Ca_Kabuli_NC_021162.1_38222747	Ca_kabuli_chr03	38222747	[G/A]	1067294120
Ca_Kabuli_NC_021162.1_38237628	Ca_kabuli_chr03	38237628	[A/G]	1067294121
Ca_Kabuli_NC_021162.1_38290472	Ca_kabuli_chr03	38290472	[T/C]	1067294122
Ca_Kabuli_NC_021162.1_38294310	Ca_kabuli_chr03	38294310	[A/G]	1067294123
Ca_Kabuli_NC_021162.1_38315599	Ca_kabuli_chr03	38315599	[A/C]	1067294124
Ca_Kabuli_NC_021162.1_38379763	Ca_kabuli_chr03	38379763	[A/C]	1067294125
Ca_Kabuli_NC_021162.1_38401004	Ca_kabuli_chr03	38401004	[A/G]	1067294126
Ca_Kabuli_NC_021162.1_38423974	Ca_kabuli_chr03	38423974	[T/C]	1067294127
Ca_Kabuli_NC_021162.1_38423983	Ca_kabuli_chr03	38423983	[A/C]	1067294128
Ca_Kabuli_NC_021162.1_38424010	Ca_kabuli_chr03	38424010	[T/C]	1067294129
Ca_Kabuli_NC_021162.1_38449908	Ca_kabuli_chr03	38449908	[A/G]	1067294130
Ca_Kabuli_NC_021162.1_38452070	Ca_kabuli_chr03	38452070	[A/C]	1067294131
Ca_Kabuli_NC_021162.1_38460864	Ca_kabuli_chr03	38460864	[T/C]	1067294132
Ca_Kabuli_NC_021162.1_38465347	Ca_kabuli_chr03	38465347	[A/T]	1067294133
Ca_Kabuli_NC_021162.1_38496218	Ca_kabuli_chr03	38496218	[A/G]	1067294134
Ca_Kabuli_NC_021162.1_38496232	Ca_kabuli_chr03	38496232	[T/G]	1067294135
Ca_Kabuli_NC_021162.1_38496235	Ca_kabuli_chr03	38496235	[T/A]	1067294136
Ca_Kabuli_NC_021162.1_38508707	Ca_kabuli_chr03	38508707	[T/C]	1067294137
Ca_Kabuli_NC_021162.1_38508723	Ca_kabuli_chr03	38508723	[A/C]	1067294138

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_38511392	Ca_kabuli_chr03	38511392	[A/G]	1067294140
Ca_Kabuli_NC_021162.1_38539721	Ca_kabuli_chr03	38539721	[T/G]	1067294141
Ca_Kabuli_NC_021162.1_38572158	Ca_kabuli_chr03	38572158	[T/C]	1067294142
Ca_Kabuli_NC_021162.1_38592068	Ca_kabuli_chr03	38592068	[T/G]	1067294143
Ca_Kabuli_NC_021162.1_38592071	Ca_kabuli_chr03	38592071	[A/G]	1067294144
Ca_Kabuli_NC_021162.1_38604320	Ca_kabuli_chr03	38604320	[T/C]	1067294145
Ca_Kabuli_NC_021162.1_38624786	Ca_kabuli_chr03	38624786	[C/T]	1067294146
Ca_Kabuli_NC_021162.1_38624799	Ca_kabuli_chr03	38624799	[T/G]	1067294147
Ca_Kabuli_NC_021162.1_38624802	Ca_kabuli_chr03	38624802	[G/T]	1067294148
Ca_Kabuli_NC_021162.1_38624805	Ca_kabuli_chr03	38624805	[T/A]	1067294149
Ca_Kabuli_NC_021162.1_38629643	Ca_kabuli_chr03	38629643	[G/A]	1067294150
Ca_Kabuli_NC_021162.1_38702928	Ca_kabuli_chr03	38702928	[A/T]	1067294151
Ca_Kabuli_NC_021162.1_38731433	Ca_kabuli_chr03	38731433	[T/C]	1067294152
Ca_Kabuli_NC_021162.1_38764360	Ca_kabuli_chr03	38764360	[A/C]	1067294153
Ca_Kabuli_NC_021162.1_38764380	Ca_kabuli_chr03	38764380	[T/C]	1067294154
Ca_Kabuli_NC_021162.1_38764384	Ca_kabuli_chr03	38764384	[T/C]	1067294155
Ca_Kabuli_NC_021162.1_38766264	Ca_kabuli_chr03	38766264	[A/G]	1067294156
Ca_Kabuli_NC_021162.1_38766265	Ca_kabuli_chr03	38766265	[G/A]	1067294157
Ca_Kabuli_NC_021162.1_38772170	Ca_kabuli_chr03	38772170	[A/C]	1067294158
Ca_Kabuli_NC_021162.1_38772184	Ca_kabuli_chr03	38772184	[A/G]	1067294159
Ca_Kabuli_NC_021162.1_38772193	Ca_kabuli_chr03	38772193	[T/C]	1067294160
Ca_Kabuli_NC_021162.1_38772196	Ca_kabuli_chr03	38772196	[T/C]	1067294161
Ca_Kabuli_NC_021162.1_38772204	Ca_kabuli_chr03	38772204	[T/G]	1067294162
Ca_Kabuli_NC_021162.1_38785851	Ca_kabuli_chr03	38785851	[T/G]	1067294163
Ca_Kabuli_NC_021162.1_38790727	Ca_kabuli_chr03	38790727	[T/C]	1067294164
Ca_Kabuli_NC_021162.1_38790740	Ca_kabuli_chr03	38790740	[A/G]	1067294165
Ca_Kabuli_NC_021162.1_38793194	Ca_kabuli_chr03	38793194	[T/C]	1067294166
Ca_Kabuli_NC_021162.1_38809117	Ca_kabuli_chr03	38809117	[T/G]	1067294167
Ca_Kabuli_NC_021162.1_38809122	Ca_kabuli_chr03	38809122	[T/G]	1067294168
Ca_Kabuli_NC_021162.1_38818172	Ca_kabuli_chr03	38818172	[T/G]	1067294169
Ca_Kabuli_NC_021162.1_38818290	Ca_kabuli_chr03	38818290	[A/C]	1067294170
Ca_Kabuli_NC_021162.1_38818305	Ca_kabuli_chr03	38818305	[T/G]	1067294171
Ca_Kabuli_NC_021162.1_38822052	Ca_kabuli_chr03	38822052	[T/A]	1067294172

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_38828026	Ca_kabuli_chr03	38828026	[T/G]	1067294174
Ca_Kabuli_NC_021162.1_38828029	Ca_kabuli_chr03	38828029	[T/C]	1067294175
Ca_Kabuli_NC_021162.1_38878722	Ca_kabuli_chr03	38878722	[A/T]	1067294176
Ca_Kabuli_NC_021162.1_38878767	Ca_kabuli_chr03	38878767	[A/G]	1067294177
Ca_Kabuli_NC_021162.1_38878783	Ca_kabuli_chr03	38878783	[T/A]	1067294178
Ca_Kabuli_NC_021162.1_38878858	Ca_kabuli_chr03	38878858	[T/G]	1067294179
Ca_Kabuli_NC_021162.1_38888421	Ca_kabuli_chr03	38888421	[A/G]	1067294180
Ca_Kabuli_NC_021162.1_38895997	Ca_kabuli_chr03	38895997	[T/C]	1067294181
Ca_Kabuli_NC_021162.1_38896031	Ca_kabuli_chr03	38896031	[T/G]	1067294182
Ca_Kabuli_NC_021162.1_38913449	Ca_kabuli_chr03	38913449	[C/T]	1067294183
Ca_Kabuli_NC_021162.1_38923357	Ca_kabuli_chr03	38923357	[A/G]	1067294184
Ca_Kabuli_NC_021162.1_38923382	Ca_kabuli_chr03	38923382	[T/C]	1067294185
Ca_Kabuli_NC_021162.1_38923390	Ca_kabuli_chr03	38923390	[A/G]	1067294186
Ca_Kabuli_NC_021162.1_38954393	Ca_kabuli_chr03	38954393	[T/G]	1067294187
Ca_Kabuli_NC_021162.1_38964923	Ca_kabuli_chr03	38964923	[T/A]	1067294188
Ca_Kabuli_NC_021162.1_38964964	Ca_kabuli_chr03	38964964	[A/G]	1067294189
Ca_Kabuli_NC_021162.1_38969280	Ca_kabuli_chr03	38969280	[T/C]	1067294190
Ca_Kabuli_NC_021162.1_38987817	Ca_kabuli_chr03	38987817	[T/G]	1067294191
Ca_Kabuli_NC_021162.1_38987846	Ca_kabuli_chr03	38987846	[A/C]	1067294192
Ca_Kabuli_NC_021162.1_38987868	Ca_kabuli_chr03	38987868	[A/C]	1067294193
Ca_Kabuli_NC_021162.1_38987909	Ca_kabuli_chr03	38987909	[A/T]	1067294194
Ca_Kabuli_NC_021162.1_38987921	Ca_kabuli_chr03	38987921	[G/C]	1067294195
Ca_Kabuli_NC_021162.1_39084932	Ca_kabuli_chr03	39084932	[A/C]	1067294196
Ca_Kabuli_NC_021162.1_39084943	Ca_kabuli_chr03	39084943	[T/A]	1067294197
Ca_Kabuli_NC_021162.1_39085112	Ca_kabuli_chr03	39085112	[A/G]	1067294198
Ca_Kabuli_NC_021162.1_39085156	Ca_kabuli_chr03	39085156	[T/G]	1067294199
Ca_Kabuli_NC_021162.1_39085188	Ca_kabuli_chr03	39085188	[T/G]	1067294200
Ca_Kabuli_NC_021162.1_39093228	Ca_kabuli_chr03	39093228	[A/T]	1067294201
Ca_Kabuli_NC_021162.1_39093229	Ca_kabuli_chr03	39093229	[A/T]	1067294202
Ca_Kabuli_NC_021162.1_39115312	Ca_kabuli_chr03	39115312	[A/C]	1067294203
Ca_Kabuli_NC_021162.1_39118486	Ca_kabuli_chr03	39118486	[T/C]	1067294204
Ca_Kabuli_NC_021162.1_39118505	Ca_kabuli_chr03	39118505	[A/C]	1067294205
Ca_Kabuli_NC_021162.1_39118508	Ca_kabuli_chr03	39118508	[T/C]	1067294206



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021162.1_39120063	Ca_kabuli_chr03	39120063	[T/C]	1067294207
Ca_Kabuli_NC_021162.1_39121150	Ca_kabuli_chr03	39121150	[A/C]	1067294208
Ca_Kabuli_NC_021162.1_39124757	Ca_kabuli_chr03	39124757	[A/C]	1067294209
Ca_Kabuli_NC_021162.1_39124767	Ca_kabuli_chr03	39124767	[A/C]	1067294210
Ca_Kabuli_NC_021162.1_39124782	Ca_kabuli_chr03	39124782	[A/T]	1067294211
Ca_Kabuli_NC_021162.1_39152610	Ca_kabuli_chr03	39152610	[T/C]	1067294212
Ca_Kabuli_NC_021162.1_39152618	Ca_kabuli_chr03	39152618	[T/C]	1067294213
Ca_Kabuli_NC_021162.1_39202533	Ca_kabuli_chr03	39202533	[A/G]	1067294214
Ca_Kabuli_NC_021162.1_39207111	Ca_kabuli_chr03	39207111	[C/T]	1067294215
Ca_Kabuli_NC_021162.1_39207119	Ca_kabuli_chr03	39207119	[A/T]	1067294216
Ca_Kabuli_NC_021162.1_39236691	Ca_kabuli_chr03	39236691	[A/G]	1067294217
Ca_Kabuli_NC_021162.1_39236734	Ca_kabuli_chr03	39236734	[T/A]	1067294218
Ca_Kabuli_NC_021162.1_39236796	Ca_kabuli_chr03	39236796	[A/G]	1067294219
Ca_Kabuli_NC_021162.1_39236813	Ca_kabuli_chr03	39236813	[A/G]	1067294220
Ca_Kabuli_NC_021162.1_39237231	Ca_kabuli_chr03	39237231	[A/G]	1067294221
Ca_Kabuli_NC_021162.1_39254527	Ca_kabuli_chr03	39254527	[T/G]	1067294222
Ca_Kabuli_NC_021162.1_39255720	Ca_kabuli_chr03	39255720	[T/A]	1067294223
Ca_Kabuli_NC_021162.1_39255797	Ca_kabuli_chr03	39255797	[T/C]	1067294224
Ca_Kabuli_NC_021162.1_39257226	Ca_kabuli_chr03	39257226	[A/T]	1067294225
Ca_Kabuli_NC_021162.1_39289349	Ca_kabuli_chr03	39289349	[T/A]	1067294226
Ca_Kabuli_NC_021162.1_39289350	Ca_kabuli_chr03	39289350	[A/T]	1067294227
Ca_Kabuli_NC_021162.1_39289463	Ca_kabuli_chr03	39289463	[T/G]	1067294228
Ca_Kabuli_NC_021162.1_39289489	Ca_kabuli_chr03	39289489	[T/G]	1067294229
Ca_Kabuli_NC_021162.1_39289511	Ca_kabuli_chr03	39289511	[A/G]	1067294230
Ca_Kabuli_NC_021162.1_39289940	Ca_kabuli_chr03	39289940	[T/C]	1067294231
Ca_Kabuli_NC_021162.1_39323757	Ca_kabuli_chr03	39323757	[T/C]	1067294232
Ca_Kabuli_NC_021162.1_39323759	Ca_kabuli_chr03	39323759	[T/C]	1067294233
Ca_Kabuli_NC_021162.1_39323768	Ca_kabuli_chr03	39323768	[T/C]	1067294234
Ca_Kabuli_NC_021162.1_39323772	Ca_kabuli_chr03	39323772	[A/G]	1067294235
Ca_Kabuli_NC_021162.1_39323813	Ca_kabuli_chr03	39323813	[T/A]	1067294236
Ca_Kabuli_NC_021162.1_39452574	Ca_kabuli_chr03	39452574	[A/C]	1067294237
Ca_Kabuli_NC_021162.1_39486151	Ca_kabuli_chr03	39486151	[A/C]	1067294238
Ca_Kabuli_NC_021162.1_39491576	Ca_kabuli_chr03	39491576	[T/G]	1067294239
Ca_Kabuli_NC_021162.1_39491577	Ca_kabuli_chr03	39491577	[A/T]	1067294240

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_39491595	Ca_kabuli_chr03	39491595	[A/C]	1067294242
Ca_Kabuli_NC_021162.1_39504201	Ca_kabuli_chr03	39504201	[T/C]	1067294243
Ca_Kabuli_NC_021162.1_39504225	Ca_kabuli_chr03	39504225	[C/T]	1067294244
Ca_Kabuli_NC_021162.1_39504237	Ca_kabuli_chr03	39504237	[C/A]	1067294245
Ca_Kabuli_NC_021162.1_39504242	Ca_kabuli_chr03	39504242	[A/G]	1067294246
Ca_Kabuli_NC_021162.1_39519534	Ca_kabuli_chr03	39519534	[T/G]	1067294247
Ca_Kabuli_NC_021162.1_39546930	Ca_kabuli_chr03	39546930	[T/G]	1067294248
Ca_Kabuli_NC_021162.1_39590693	Ca_kabuli_chr03	39590693	[A/C]	1067294249
Ca_Kabuli_NC_021162.1_39592298	Ca_kabuli_chr03	39592298	[A/C]	1067294250
Ca_Kabuli_NC_021162.1_39611444	Ca_kabuli_chr03	39611444	[A/G]	1067294251
Ca_Kabuli_NC_021162.1_39611446	Ca_kabuli_chr03	39611446	[T/A]	1067294252
Ca_Kabuli_NC_021162.1_39611461	Ca_kabuli_chr03	39611461	[A/G]	1067294253
Ca_Kabuli_NC_021162.1_39611468	Ca_kabuli_chr03	39611468	[T/C]	1067294254
Ca_Kabuli_NC_021162.1_39612358	Ca_kabuli_chr03	39612358	[A/G]	1067294255
Ca_Kabuli_NC_021162.1_39612568	Ca_kabuli_chr03	39612568	[A/T]	1067294256
Ca_Kabuli_NC_021162.1_39628916	Ca_kabuli_chr03	39628916	[G/A]	1067294257
Ca_Kabuli_NC_021162.1_39642781	Ca_kabuli_chr03	39642781	[A/T]	1067294258
Ca_Kabuli_NC_021162.1_39642782	Ca_kabuli_chr03	39642782	[T/C]	1067294259
Ca_Kabuli_NC_021162.1_39642783	Ca_kabuli_chr03	39642783	[G/T]	1067294260
Ca_Kabuli_NC_021162.1_39642805	Ca_kabuli_chr03	39642805	[A/G]	1067294261
Ca_Kabuli_NC_021162.1_39644723	Ca_kabuli_chr03	39644723	[A/C]	1067294262
Ca_Kabuli_NC_021162.1_39701359	Ca_kabuli_chr03	39701359	[T/C]	1067294263
Ca_Kabuli_NC_021162.1_39701373	Ca_kabuli_chr03	39701373	[T/G]	1067294264
Ca_Kabuli_NC_021162.1_39701412	Ca_kabuli_chr03	39701412	[A/C]	1067294265
Ca_Kabuli_NC_021162.1_39701553	Ca_kabuli_chr03	39701553	[A/C]	1067294266
Ca_Kabuli_NC_021162.1_39720656	Ca_kabuli_chr03	39720656	[T/G]	1067294267
Ca_Kabuli_NC_021162.1_39720772	Ca_kabuli_chr03	39720772	[T/G]	1067294268
Ca_Kabuli_NC_021162.1_39722359	Ca_kabuli_chr03	39722359	[T/G]	1067294269
Ca_Kabuli_NC_021162.1_39787520	Ca_kabuli_chr03	39787520	[A/T]	1067294270
Ca_Kabuli_NC_021162.1_39787759	Ca_kabuli_chr03	39787759	[A/C]	1067294271
Ca_Kabuli_NC_021162.1_39793492	Ca_kabuli_chr03	39793492	[A/C]	1067294272
Ca_Kabuli_NC_021162.1_39793532	Ca_kabuli_chr03	39793532	[A/T]	1067294273
Ca_Kabuli_NC_021162.1_39793549	Ca_kabuli_chr03	39793549	[T/C]	1067294274

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021162.1_39817996	Ca_kabuli_chr03	39817996	[T/C]	1067294276
Ca_Kabuli_NC_021162.1_39839763	Ca_kabuli_chr03	39839763	[T/G]	1067294277
Ca_Kabuli_NC_021162.1_39839975	Ca_kabuli_chr03	39839975	[C/A]	1067294278
Ca_Kabuli_NC_021162.1_39839979	Ca_kabuli_chr03	39839979	[G/A]	1067294279
Ca_Kabuli_NC_021162.1_39839981	Ca_kabuli_chr03	39839981	[G/T]	1067294280
Ca_Kabuli_NC_021162.1_39839997	Ca_kabuli_chr03	39839997	[G/T]	1067294281
Ca_Kabuli_NC_021162.1_39840000	Ca_kabuli_chr03	39840000	[C/T]	1067294282
Ca_Kabuli_NC_021162.1_39871160	Ca_kabuli_chr03	39871160	[A/G]	1067294283
Ca_Kabuli_NC_021162.1_39871167	Ca_kabuli_chr03	39871167	[T/G]	1067294284
Ca_Kabuli_NC_021162.1_39871219	Ca_kabuli_chr03	39871219	[A/G]	1067294285
Ca_Kabuli_NC_021162.1_39871226	Ca_kabuli_chr03	39871226	[A/C]	1067294286
Ca_Kabuli_NC_021162.1_39876167	Ca_kabuli_chr03	39876167	[A/C]	1067294287
Ca_Kabuli_NC_021162.1_39876187	Ca_kabuli_chr03	39876187	[A/C]	1067294288
Ca_Kabuli_NC_021162.1_39883317	Ca_kabuli_chr03	39883317	[T/C]	1067294289
Ca_Kabuli_NC_021162.1_39891064	Ca_kabuli_chr03	39891064	[A/G]	1067294290
Ca_Kabuli_NC_021162.1_39896359	Ca_kabuli_chr03	39896359	[A/G]	1067294291
Ca_Kabuli_NC_021162.1_39896366	Ca_kabuli_chr03	39896366	[A/C]	1067294292
Ca_Kabuli_NC_021162.1_39896379	Ca_kabuli_chr03	39896379	[A/G]	1067294293
Ca_Kabuli_NC_021162.1_39896390	Ca_kabuli_chr03	39896390	[T/G]	1067294294
Ca_Kabuli_NC_021162.1_39899805	Ca_kabuli_chr03	39899805	[T/C]	1067294295
Ca_Kabuli_NC_021162.1_39914426	Ca_kabuli_chr03	39914426	[T/C]	1067294296
Ca_Kabuli_NC_021162.1_39922275	Ca_kabuli_chr03	39922275	[T/G]	1067294297
Ca_Kabuli_NC_021162.1_39922314	Ca_kabuli_chr03	39922314	[T/C]	1067294298
Ca_Kabuli_NC_021162.1_39923370	Ca_kabuli_chr03	39923370	[T/C]	1067294299
Ca_Kabuli_NC_021162.1_39955553	Ca_kabuli_chr03	39955553	[T/G]	1067294300
Ca_Kabuli_NC_021162.1_39955735	Ca_kabuli_chr03	39955735	[A/G]	1067294301
Ca_Kabuli_NC_021162.1_39963553	Ca_kabuli_chr03	39963553	[A/G]	1067294302
Ca_Kabuli_NC_021163.1_167225	Ca_kabuli_chr04	167225	[A/C]	1067294303
Ca_Kabuli_NC_021163.1_167229	Ca_kabuli_chr04	167229	[T/G]	1067294304
Ca_Kabuli_NC_021163.1_394659	Ca_kabuli_chr04	394659	[T/G]	1067294305
Ca_Kabuli_NC_021163.1_394676	Ca_kabuli_chr04	394676	[A/C]	1067294306
Ca_Kabuli_NC_021163.1_394681	Ca_kabuli_chr04	394681	[A/T]	1067294307
Ca_Kabuli_NC_021163.1_394687	Ca_kabuli_chr04	394687	[A/C]	1067294308

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_402558	Ca_kabuli_chr04	402558	[T/A]	1067294310
Ca_Kabuli_NC_021163.1_402584	Ca_kabuli_chr04	402584	[A/C]	1067294311
Ca_Kabuli_NC_021163.1_411969	Ca_kabuli_chr04	411969	[A/G]	1067294312
Ca_Kabuli_NC_021163.1_455240	Ca_kabuli_chr04	455240	[A/G]	1067294313
Ca_Kabuli_NC_021163.1_455248	Ca_kabuli_chr04	455248	[T/C]	1067294314
Ca_Kabuli_NC_021163.1_479818	Ca_kabuli_chr04	479818	[A/C]	1067294315
Ca_Kabuli_NC_021163.1_479845	Ca_kabuli_chr04	479845	[A/T]	1067294316
Ca_Kabuli_NC_021163.1_479908	Ca_kabuli_chr04	479908	[A/C]	1067294317
Ca_Kabuli_NC_021163.1_479914	Ca_kabuli_chr04	479914	[A/C]	1067294318
Ca_Kabuli_NC_021163.1_479971	Ca_kabuli_chr04	479971	[A/G]	1067294319
Ca_Kabuli_NC_021163.1_479974	Ca_kabuli_chr04	479974	[A/T]	1067294320
Ca_Kabuli_NC_021163.1_479979	Ca_kabuli_chr04	479979	[T/C]	1067294321
Ca_Kabuli_NC_021163.1_480004	Ca_kabuli_chr04	480004	[A/C]	1067294322
Ca_Kabuli_NC_021163.1_480031	Ca_kabuli_chr04	480031	[T/C]	1067294323
Ca_Kabuli_NC_021163.1_480049	Ca_kabuli_chr04	480049	[A/C]	1067294324
Ca_Kabuli_NC_021163.1_480057	Ca_kabuli_chr04	480057	[A/C]	1067294325
Ca_Kabuli_NC_021163.1_480100	Ca_kabuli_chr04	480100	[A/C]	1067294326
Ca_Kabuli_NC_021163.1_480105	Ca_kabuli_chr04	480105	[T/C]	1067294327
Ca_Kabuli_NC_021163.1_480118	Ca_kabuli_chr04	480118	[A/C]	1067294328
Ca_Kabuli_NC_021163.1_480190	Ca_kabuli_chr04	480190	[A/G]	1067294329
Ca_Kabuli_NC_021163.1_480209	Ca_kabuli_chr04	480209	[A/G]	1067294330
Ca_Kabuli_NC_021163.1_480215	Ca_kabuli_chr04	480215	[T/C]	1067294331
Ca_Kabuli_NC_021163.1_480231	Ca_kabuli_chr04	480231	[T/C]	1067294332
Ca_Kabuli_NC_021163.1_480253	Ca_kabuli_chr04	480253	[A/C]	1067294333
Ca_Kabuli_NC_021163.1_485149	Ca_kabuli_chr04	485149	[T/G]	1067294334
Ca_Kabuli_NC_021163.1_488123	Ca_kabuli_chr04	488123	[A/C]	1067294335
Ca_Kabuli_NC_021163.1_504924	Ca_kabuli_chr04	504924	[A/G]	1067294336
Ca_Kabuli_NC_021163.1_590915	Ca_kabuli_chr04	590915	[T/G]	1067294337
Ca_Kabuli_NC_021163.1_595903	Ca_kabuli_chr04	595903	[T/C]	1067294338
Ca_Kabuli_NC_021163.1_595910	Ca_kabuli_chr04	595910	[A/G]	1067294339
Ca_Kabuli_NC_021163.1_615690	Ca_kabuli_chr04	615690	[A/C]	1067294340
Ca_Kabuli_NC_021163.1_615692	Ca_kabuli_chr04	615692	[C/A]	1067294341
Ca_Kabuli_NC_021163.1_615694	Ca_kabuli_chr04	615694	[A/G]	1067294342

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_615706	Ca_kabuli_chr04	615706	[T/G]	1067294345
Ca_Kabuli_NC_021163.1_615709	Ca_kabuli_chr04	615709	[A/C]	1067294346
Ca_Kabuli_NC_021163.1_646567	Ca_kabuli_chr04	646567	[C/T]	1067294347
Ca_Kabuli_NC_021163.1_659987	Ca_kabuli_chr04	659987	[A/C]	1067294348
Ca_Kabuli_NC_021163.1_660041	Ca_kabuli_chr04	660041	[A/C]	1067294349
Ca_Kabuli_NC_021163.1_660047	Ca_kabuli_chr04	660047	[A/G]	1067294350
Ca_Kabuli_NC_021163.1_660064	Ca_kabuli_chr04	660064	[T/C]	1067294351
Ca_Kabuli_NC_021163.1_660069	Ca_kabuli_chr04	660069	[T/A]	1067294352
Ca_Kabuli_NC_021163.1_677313	Ca_kabuli_chr04	677313	[T/C]	1067294353
Ca_Kabuli_NC_021163.1_709948	Ca_kabuli_chr04	709948	[T/G]	1067294354
Ca_Kabuli_NC_021163.1_746247	Ca_kabuli_chr04	746247	[A/C]	1067294355
Ca_Kabuli_NC_021163.1_746275	Ca_kabuli_chr04	746275	[T/C]	1067294356
Ca_Kabuli_NC_021163.1_746300	Ca_kabuli_chr04	746300	[T/A]	1067294357
Ca_Kabuli_NC_021163.1_746381	Ca_kabuli_chr04	746381	[A/C]	1067294358
Ca_Kabuli_NC_021163.1_749219	Ca_kabuli_chr04	749219	[T/C]	1067294359
Ca_Kabuli_NC_021163.1_767589	Ca_kabuli_chr04	767589	[G/T]	1067294360
Ca_Kabuli_NC_021163.1_767591	Ca_kabuli_chr04	767591	[T/C]	1067294361
Ca_Kabuli_NC_021163.1_767610	Ca_kabuli_chr04	767610	[T/C]	1067294362
Ca_Kabuli_NC_021163.1_770860	Ca_kabuli_chr04	770860	[T/C]	1067294363
Ca_Kabuli_NC_021163.1_790620	Ca_kabuli_chr04	790620	[C/A]	1067294364
Ca_Kabuli_NC_021163.1_790621	Ca_kabuli_chr04	790621	[A/G]	1067294365
Ca_Kabuli_NC_021163.1_825623	Ca_kabuli_chr04	825623	[T/G]	1067294366
Ca_Kabuli_NC_021163.1_825654	Ca_kabuli_chr04	825654	[A/G]	1067294367
Ca_Kabuli_NC_021163.1_825679	Ca_kabuli_chr04	825679	[A/G]	1067294368
Ca_Kabuli_NC_021163.1_827616	Ca_kabuli_chr04	827616	[A/G]	1067294369
Ca_Kabuli_NC_021163.1_827636	Ca_kabuli_chr04	827636	[T/C]	1067294370
Ca_Kabuli_NC_021163.1_827638	Ca_kabuli_chr04	827638	[A/G]	1067294371
Ca_Kabuli_NC_021163.1_839231	Ca_kabuli_chr04	839231	[A/C]	1067294372
Ca_Kabuli_NC_021163.1_839232	Ca_kabuli_chr04	839232	[A/G]	1067294373
Ca_Kabuli_NC_021163.1_848062	Ca_kabuli_chr04	848062	[T/C]	1067294374
Ca_Kabuli_NC_021163.1_848334	Ca_kabuli_chr04	848334	[A/G]	1067294375
Ca_Kabuli_NC_021163.1_868836	Ca_kabuli_chr04	868836	[A/G]	1067294376

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_875369	Ca_kabuli_chr04	875369	[T/A]	1067294378
Ca_Kabuli_NC_021163.1_875388	Ca_kabuli_chr04	875388	[A/G]	1067294379
Ca_Kabuli_NC_021163.1_875453	Ca_kabuli_chr04	875453	[A/C]	1067294380
Ca_Kabuli_NC_021163.1_877393	Ca_kabuli_chr04	877393	[C/A]	1067294381
Ca_Kabuli_NC_021163.1_877394	Ca_kabuli_chr04	877394	[T/G]	1067294382
Ca_Kabuli_NC_021163.1_877395	Ca_kabuli_chr04	877395	[T/A]	1067294383
Ca_Kabuli_NC_021163.1_877396	Ca_kabuli_chr04	877396	[A/T]	1067294384
Ca_Kabuli_NC_021163.1_921871	Ca_kabuli_chr04	921871	[A/T]	1067294385
Ca_Kabuli_NC_021163.1_921872	Ca_kabuli_chr04	921872	[T/C]	1067294386
Ca_Kabuli_NC_021163.1_921873	Ca_kabuli_chr04	921873	[G/T]	1067294387
Ca_Kabuli_NC_021163.1_929061	Ca_kabuli_chr04	929061	[A/C]	1067294388
Ca_Kabuli_NC_021163.1_951370	Ca_kabuli_chr04	951370	[T/G]	1067294389
Ca_Kabuli_NC_021163.1_999365	Ca_kabuli_chr04	999365	[A/C]	1067294390
Ca_Kabuli_NC_021163.1_1044930	Ca_kabuli_chr04	1044930	[A/C]	1067294391
Ca_Kabuli_NC_021163.1_1049374	Ca_kabuli_chr04	1049374	[T/C]	1067294392
Ca_Kabuli_NC_021163.1_1049400	Ca_kabuli_chr04	1049400	[A/G]	1067294393
Ca_Kabuli_NC_021163.1_1049406	Ca_kabuli_chr04	1049406	[T/C]	1067294394
Ca_Kabuli_NC_021163.1_1049408	Ca_kabuli_chr04	1049408	[T/C]	1067294395
Ca_Kabuli_NC_021163.1_1049432	Ca_kabuli_chr04	1049432	[T/C]	1067294396
Ca_Kabuli_NC_021163.1_1052600	Ca_kabuli_chr04	1052600	[T/C]	1067294397
Ca_Kabuli_NC_021163.1_1052606	Ca_kabuli_chr04	1052606	[T/C]	1067294398
Ca_Kabuli_NC_021163.1_1052633	Ca_kabuli_chr04	1052633	[T/C]	1067294399
Ca_Kabuli_NC_021163.1_1052642	Ca_kabuli_chr04	1052642	[T/G]	1067294400
Ca_Kabuli_NC_021163.1_1052648	Ca_kabuli_chr04	1052648	[A/G]	1067294401
Ca_Kabuli_NC_021163.1_1149922	Ca_kabuli_chr04	1149922	[C/A]	1067294402
Ca_Kabuli_NC_021163.1_1149924	Ca_kabuli_chr04	1149924	[C/A]	1067294403
Ca_Kabuli_NC_021163.1_1149925	Ca_kabuli_chr04	1149925	[C/T]	1067294404
Ca_Kabuli_NC_021163.1_1189966	Ca_kabuli_chr04	1189966	[G/T]	1067294405
Ca_Kabuli_NC_021163.1_1189985	Ca_kabuli_chr04	1189985	[A/C]	1067294406
Ca_Kabuli_NC_021163.1_1217605	Ca_kabuli_chr04	1217605	[A/C]	1067294407
Ca_Kabuli_NC_021163.1_1220348	Ca_kabuli_chr04	1220348	[A/T]	1067294408
Ca_Kabuli_NC_021163.1_1228284	Ca_kabuli_chr04	1228284	[T/C]	1067294409
Ca_Kabuli_NC_021163.1_1259915	Ca_kabuli_chr04	1259915	[T/C]	1067294410

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_1259950	Ca_kabuli_chr04	1259950	[A/G]	1067294411
Ca_Kabuli_NC_021163.1_1373679	Ca_kabuli_chr04	1373679	[A/T]	1067294412
Ca_Kabuli_NC_021163.1_1390447	Ca_kabuli_chr04	1390447	[T/A]	1067294413
Ca_Kabuli_NC_021163.1_1390455	Ca_kabuli_chr04	1390455	[A/G]	1067294414
Ca_Kabuli_NC_021163.1_1390513	Ca_kabuli_chr04	1390513	[A/C]	1067294415
Ca_Kabuli_NC_021163.1_1395074	Ca_kabuli_chr04	1395074	[T/G]	1067294416
Ca_Kabuli_NC_021163.1_1395113	Ca_kabuli_chr04	1395113	[A/T]	1067294417
Ca_Kabuli_NC_021163.1_1399303	Ca_kabuli_chr04	1399303	[T/A]	1067294418
Ca_Kabuli_NC_021163.1_1474768	Ca_kabuli_chr04	1474768	[T/C]	1067294419
Ca_Kabuli_NC_021163.1_1474782	Ca_kabuli_chr04	1474782	[A/G]	1067294420
Ca_Kabuli_NC_021163.1_1474879	Ca_kabuli_chr04	1474879	[A/T]	1067294421
Ca_Kabuli_NC_021163.1_1474916	Ca_kabuli_chr04	1474916	[T/C]	1067294422
Ca_Kabuli_NC_021163.1_1489043	Ca_kabuli_chr04	1489043	[G/C]	1067294423
Ca_Kabuli_NC_021163.1_1493821	Ca_kabuli_chr04	1493821	[T/C]	1067294424
Ca_Kabuli_NC_021163.1_1493835	Ca_kabuli_chr04	1493835	[T/G]	1067294425
Ca_Kabuli_NC_021163.1_1513737	Ca_kabuli_chr04	1513737	[A/G]	1067294426
Ca_Kabuli_NC_021163.1_1526320	Ca_kabuli_chr04	1526320	[T/G]	1067294427
Ca_Kabuli_NC_021163.1_1526322	Ca_kabuli_chr04	1526322	[G/A]	1067294428
Ca_Kabuli_NC_021163.1_1657205	Ca_kabuli_chr04	1657205	[A/G]	1067294429
Ca_Kabuli_NC_021163.1_1657224	Ca_kabuli_chr04	1657224	[T/G]	1067294430
Ca_Kabuli_NC_021163.1_1657254	Ca_kabuli_chr04	1657254	[T/C]	1067294431
Ca_Kabuli_NC_021163.1_1657258	Ca_kabuli_chr04	1657258	[A/G]	1067294432
Ca_Kabuli_NC_021163.1_1687365	Ca_kabuli_chr04	1687365	[T/C]	1067294433
Ca_Kabuli_NC_021163.1_1687391	Ca_kabuli_chr04	1687391	[A/G]	1067294434
Ca_Kabuli_NC_021163.1_1708370	Ca_kabuli_chr04	1708370	[T/C]	1067294435
Ca_Kabuli_NC_021163.1_1710449	Ca_kabuli_chr04	1710449	[T/A]	1067294436
Ca_Kabuli_NC_021163.1_1711775	Ca_kabuli_chr04	1711775	[A/G]	1067294437
Ca_Kabuli_NC_021163.1_1711813	Ca_kabuli_chr04	1711813	[T/C]	1067294438
Ca_Kabuli_NC_021163.1_1711822	Ca_kabuli_chr04	1711822	[T/C]	1067294439
Ca_Kabuli_NC_021163.1_1711838	Ca_kabuli_chr04	1711838	[T/C]	1067294440
Ca_Kabuli_NC_021163.1_1718415	Ca_kabuli_chr04	1718415	[T/C]	1067294441
Ca_Kabuli_NC_021163.1_1718483	Ca_kabuli_chr04	1718483	[A/G]	1067294442
Ca_Kabuli_NC_021163.1_1755063	Ca_kabuli_chr04	1755063	[G/A]	1067294443
Ca_Kabuli_NC_021163.1_1773978	Ca_kabuli_chr04	1773978	[A/C]	1067294444

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_1785677	Ca_kabuli_chr04	1785677	[A/C]	1067294445
Ca_Kabuli_NC_021163.1_1813891	Ca_kabuli_chr04	1813891	[A/C]	1067294446
Ca_Kabuli_NC_021163.1_1813907	Ca_kabuli_chr04	1813907	[T/C]	1067294447
Ca_Kabuli_NC_021163.1_1813924	Ca_kabuli_chr04	1813924	[T/A]	1067294448
Ca_Kabuli_NC_021163.1_1816071	Ca_kabuli_chr04	1816071	[T/A]	1067294449
Ca_Kabuli_NC_021163.1_1816718	Ca_kabuli_chr04	1816718	[A/G]	1067294450
Ca_Kabuli_NC_021163.1_1843971	Ca_kabuli_chr04	1843971	[T/G]	1067294451
Ca_Kabuli_NC_021163.1_1988657	Ca_kabuli_chr04	1988657	[T/A]	1067294452
Ca_Kabuli_NC_021163.1_1988667	Ca_kabuli_chr04	1988667	[A/T]	1067294453
Ca_Kabuli_NC_021163.1_1988678	Ca_kabuli_chr04	1988678	[T/C]	1067294454
Ca_Kabuli_NC_021163.1_2015452	Ca_kabuli_chr04	2015452	[A/C]	1067294455
Ca_Kabuli_NC_021163.1_2015473	Ca_kabuli_chr04	2015473	[C/T]	1067294456
Ca_Kabuli_NC_021163.1_2015480	Ca_kabuli_chr04	2015480	[A/T]	1067294457
Ca_Kabuli_NC_021163.1_2015482	Ca_kabuli_chr04	2015482	[T/C]	1067294458
Ca_Kabuli_NC_021163.1_2025198	Ca_kabuli_chr04	2025198	[T/G]	1067294459
Ca_Kabuli_NC_021163.1_2032449	Ca_kabuli_chr04	2032449	[G/A]	1067294460
Ca_Kabuli_NC_021163.1_2032475	Ca_kabuli_chr04	2032475	[G/A]	1067294461
Ca_Kabuli_NC_021163.1_2032480	Ca_kabuli_chr04	2032480	[C/T]	1067294462
Ca_Kabuli_NC_021163.1_2032481	Ca_kabuli_chr04	2032481	[T/G]	1067294463
Ca_Kabuli_NC_021163.1_2032773	Ca_kabuli_chr04	2032773	[T/A]	1067294464
Ca_Kabuli_NC_021163.1_2034266	Ca_kabuli_chr04	2034266	[C/T]	1067294465
Ca_Kabuli_NC_021163.1_2034304	Ca_kabuli_chr04	2034304	[G/A]	1067294466
Ca_Kabuli_NC_021163.1_2034429	Ca_kabuli_chr04	2034429	[C/T]	1067294467
Ca_Kabuli_NC_021163.1_2035841	Ca_kabuli_chr04	2035841	[C/T]	1067294468
Ca_Kabuli_NC_021163.1_2035894	Ca_kabuli_chr04	2035894	[C/A]	1067294469
Ca_Kabuli_NC_021163.1_2051581	Ca_kabuli_chr04	2051581	[A/C]	1067294470
Ca_Kabuli_NC_021163.1_2059046	Ca_kabuli_chr04	2059046	[T/A]	1067294471
Ca_Kabuli_NC_021163.1_2059070	Ca_kabuli_chr04	2059070	[T/A]	1067294472
Ca_Kabuli_NC_021163.1_2059080	Ca_kabuli_chr04	2059080	[A/G]	1067294473
Ca_Kabuli_NC_021163.1_2059082	Ca_kabuli_chr04	2059082	[T/C]	1067294474
Ca_Kabuli_NC_021163.1_2060248	Ca_kabuli_chr04	2060248	[T/C]	1067294475
Ca_Kabuli_NC_021163.1_2060283	Ca_kabuli_chr04	2060283	[A/G]	1067294476
Ca_Kabuli_NC_021163.1_2085185	Ca_kabuli_chr04	2085185	[A/C]	1067294477
Ca_Kabuli_NC_021163.1_2107404	Ca_kabuli_chr04	2107404	[T/G]	1067294478



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_2107516	Ca_kabuli_chr04	2107516	[G/T]	1067294479
Ca_Kabuli_NC_021163.1_2113227	Ca_kabuli_chr04	2113227	[C/T]	1067294480
Ca_Kabuli_NC_021163.1_2125779	Ca_kabuli_chr04	2125779	[A/T]	1067294481
Ca_Kabuli_NC_021163.1_2125792	Ca_kabuli_chr04	2125792	[T/G]	1067294482
Ca_Kabuli_NC_021163.1_2213688	Ca_kabuli_chr04	2213688	[A/C]	1067294483
Ca_Kabuli_NC_021163.1_2238501	Ca_kabuli_chr04	2238501	[A/G]	1067294484
Ca_Kabuli_NC_021163.1_2238519	Ca_kabuli_chr04	2238519	[A/G]	1067294485
Ca_Kabuli_NC_021163.1_2240156	Ca_kabuli_chr04	2240156	[T/C]	1067294486
Ca_Kabuli_NC_021163.1_2256939	Ca_kabuli_chr04	2256939	[T/C]	1067294487
Ca_Kabuli_NC_021163.1_2258450	Ca_kabuli_chr04	2258450	[A/G]	1067294488
Ca_Kabuli_NC_021163.1_2258453	Ca_kabuli_chr04	2258453	[T/A]	1067294489
Ca_Kabuli_NC_021163.1_2270375	Ca_kabuli_chr04	2270375	[A/C]	1067294490
Ca_Kabuli_NC_021163.1_2311915	Ca_kabuli_chr04	2311915	[T/C]	1067294491
Ca_Kabuli_NC_021163.1_2313927	Ca_kabuli_chr04	2313927	[T/A]	1067294492
Ca_Kabuli_NC_021163.1_2314051	Ca_kabuli_chr04	2314051	[A/G]	1067294493
Ca_Kabuli_NC_021163.1_2396821	Ca_kabuli_chr04	2396821	[T/G]	1067294494
Ca_Kabuli_NC_021163.1_2396873	Ca_kabuli_chr04	2396873	[A/C]	1067294495
Ca_Kabuli_NC_021163.1_2450534	Ca_kabuli_chr04	2450534	[T/A]	1067294496
Ca_Kabuli_NC_021163.1_2545456	Ca_kabuli_chr04	2545456	[A/T]	1067294497
Ca_Kabuli_NC_021163.1_2575939	Ca_kabuli_chr04	2575939	[T/C]	1067294498
Ca_Kabuli_NC_021163.1_2609880	Ca_kabuli_chr04	2609880	[T/C]	1067294499
Ca_Kabuli_NC_021163.1_2609893	Ca_kabuli_chr04	2609893	[T/C]	1067294500
Ca_Kabuli_NC_021163.1_2609926	Ca_kabuli_chr04	2609926	[C/A]	1067294501
Ca_Kabuli_NC_021163.1_2609927	Ca_kabuli_chr04	2609927	[T/G]	1067294502
Ca_Kabuli_NC_021163.1_2609928	Ca_kabuli_chr04	2609928	[C/A]	1067294503
Ca_Kabuli_NC_021163.1_2609930	Ca_kabuli_chr04	2609930	[T/C]	1067294504
Ca_Kabuli_NC_021163.1_2630862	Ca_kabuli_chr04	2630862	[T/C]	1067294505
Ca_Kabuli_NC_021163.1_2630886	Ca_kabuli_chr04	2630886	[T/C]	1067294506
Ca_Kabuli_NC_021163.1_2632382	Ca_kabuli_chr04	2632382	[T/G]	1067294507
Ca_Kabuli_NC_021163.1_2632386	Ca_kabuli_chr04	2632386	[T/G]	1067294508
Ca_Kabuli_NC_021163.1_2886775	Ca_kabuli_chr04	2886775	[T/G]	1067294509
Ca_Kabuli_NC_021163.1_2887609	Ca_kabuli_chr04	2887609	[T/G]	1067294510
Ca_Kabuli_NC_021163.1_2948204	Ca_kabuli_chr04	2948204	[A/G]	1067294511
Ca_Kabuli_NC_021163.1_3002801	Ca_kabuli_chr04	3002801	[T/C]	1067294512

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_3037899	Ca_kabuli_chr04	3037899	[A/C]	1067294515
Ca_Kabuli_NC_021163.1_3037905	Ca_kabuli_chr04	3037905	[A/C]	1067294516
Ca_Kabuli_NC_021163.1_3038006	Ca_kabuli_chr04	3038006	[A/G]	1067294517
Ca_Kabuli_NC_021163.1_3038141	Ca_kabuli_chr04	3038141	[A/C]	1067294518
Ca_Kabuli_NC_021163.1_3144608	Ca_kabuli_chr04	3144608	[T/C]	1067294519
Ca_Kabuli_NC_021163.1_3164076	Ca_kabuli_chr04	3164076	[A/G]	1067294520
Ca_Kabuli_NC_021163.1_3164094	Ca_kabuli_chr04	3164094	[T/G]	1067294521
Ca_Kabuli_NC_021163.1_3226079	Ca_kabuli_chr04	3226079	[T/C]	1067294522
Ca_Kabuli_NC_021163.1_3226091	Ca_kabuli_chr04	3226091	[T/G]	1067294523
Ca_Kabuli_NC_021163.1_3226123	Ca_kabuli_chr04	3226123	[T/G]	1067294524
Ca_Kabuli_NC_021163.1_3245405	Ca_kabuli_chr04	3245405	[C/T]	1067294525
Ca_Kabuli_NC_021163.1_3245647	Ca_kabuli_chr04	3245647	[A/G]	1067294526
Ca_Kabuli_NC_021163.1_3280217	Ca_kabuli_chr04	3280217	[G/A]	1067294527
Ca_Kabuli_NC_021163.1_3284239	Ca_kabuli_chr04	3284239	[T/G]	1067294528
Ca_Kabuli_NC_021163.1_3284312	Ca_kabuli_chr04	3284312	[G/A]	1067294529
Ca_Kabuli_NC_021163.1_3284956	Ca_kabuli_chr04	3284956	[T/A]	1067294530
Ca_Kabuli_NC_021163.1_3290298	Ca_kabuli_chr04	3290298	[G/T]	1067294531
Ca_Kabuli_NC_021163.1_3307908	Ca_kabuli_chr04	3307908	[A/T]	1067294532
Ca_Kabuli_NC_021163.1_3353586	Ca_kabuli_chr04	3353586	[A/G]	1067294533
Ca_Kabuli_NC_021163.1_3369440	Ca_kabuli_chr04	3369440	[G/A]	1067294534
Ca_Kabuli_NC_021163.1_3369444	Ca_kabuli_chr04	3369444	[G/A]	1067294535
Ca_Kabuli_NC_021163.1_3400828	Ca_kabuli_chr04	3400828	[C/G]	1067294536
Ca_Kabuli_NC_021163.1_3427522	Ca_kabuli_chr04	3427522	[G/T]	1067294537
Ca_Kabuli_NC_021163.1_3428588	Ca_kabuli_chr04	3428588	[T/G]	1067294538
Ca_Kabuli_NC_021163.1_3428929	Ca_kabuli_chr04	3428929	[T/C]	1067294539
Ca_Kabuli_NC_021163.1_3429035	Ca_kabuli_chr04	3429035	[G/A]	1067294540
Ca_Kabuli_NC_021163.1_3429335	Ca_kabuli_chr04	3429335	[T/C]	1067294541
Ca_Kabuli_NC_021163.1_3453350	Ca_kabuli_chr04	3453350	[A/T]	1067294542
Ca_Kabuli_NC_021163.1_3453989	Ca_kabuli_chr04	3453989	[A/G]	1067294543
Ca_Kabuli_NC_021163.1_3456454	Ca_kabuli_chr04	3456454	[A/G]	1067294544
Ca_Kabuli_NC_021163.1_3542115	Ca_kabuli_chr04	3542115	[A/G]	1067294545
Ca_Kabuli_NC_021163.1_3542150	Ca_kabuli_chr04	3542150	[A/G]	1067294546

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_3642100	Ca_kabuli_chr04	3642100	[T/A]	1067294548
Ca_Kabuli_NC_021163.1_3699203	Ca_kabuli_chr04	3699203	[T/G]	1067294549
Ca_Kabuli_NC_021163.1_3719218	Ca_kabuli_chr04	3719218	[A/G]	1067294550
Ca_Kabuli_NC_021163.1_3735377	Ca_kabuli_chr04	3735377	[T/C]	1067294551
Ca_Kabuli_NC_021163.1_3741522	Ca_kabuli_chr04	3741522	[T/G]	1067294552
Ca_Kabuli_NC_021163.1_3741539	Ca_kabuli_chr04	3741539	[T/G]	1067294553
Ca_Kabuli_NC_021163.1_3741562	Ca_kabuli_chr04	3741562	[T/G]	1067294554
Ca_Kabuli_NC_021163.1_3762538	Ca_kabuli_chr04	3762538	[A/C]	1067294555
Ca_Kabuli_NC_021163.1_3762551	Ca_kabuli_chr04	3762551	[C/G]	1067294556
Ca_Kabuli_NC_021163.1_3762559	Ca_kabuli_chr04	3762559	[T/G]	1067294557
Ca_Kabuli_NC_021163.1_3762569	Ca_kabuli_chr04	3762569	[G/C]	1067294558
Ca_Kabuli_NC_021163.1_3857904	Ca_kabuli_chr04	3857904	[G/C]	1067294559
Ca_Kabuli_NC_021163.1_3857947	Ca_kabuli_chr04	3857947	[T/C]	1067294560
Ca_Kabuli_NC_021163.1_3857951	Ca_kabuli_chr04	3857951	[T/C]	1067294561
Ca_Kabuli_NC_021163.1_3887025	Ca_kabuli_chr04	3887025	[A/C]	1067294562
Ca_Kabuli_NC_021163.1_3888185	Ca_kabuli_chr04	3888185	[A/G]	1067294563
Ca_Kabuli_NC_021163.1_3888244	Ca_kabuli_chr04	3888244	[T/G]	1067294564
Ca_Kabuli_NC_021163.1_3890552	Ca_kabuli_chr04	3890552	[T/C]	1067294565
Ca_Kabuli_NC_021163.1_3890741	Ca_kabuli_chr04	3890741	[A/G]	1067294566
Ca_Kabuli_NC_021163.1_3890777	Ca_kabuli_chr04	3890777	[A/G]	1067294567
Ca_Kabuli_NC_021163.1_3890779	Ca_kabuli_chr04	3890779	[A/G]	1067294568
Ca_Kabuli_NC_021163.1_3890784	Ca_kabuli_chr04	3890784	[T/C]	1067294569
Ca_Kabuli_NC_021163.1_3945255	Ca_kabuli_chr04	3945255	[A/C]	1067294570
Ca_Kabuli_NC_021163.1_3990334	Ca_kabuli_chr04	3990334	[G/A]	1067294571
Ca_Kabuli_NC_021163.1_3990682	Ca_kabuli_chr04	3990682	[G/A]	1067294572
Ca_Kabuli_NC_021163.1_3990867	Ca_kabuli_chr04	3990867	[A/G]	1067294573
Ca_Kabuli_NC_021163.1_4006205	Ca_kabuli_chr04	4006205	[A/G]	1067294574
Ca_Kabuli_NC_021163.1_4006206	Ca_kabuli_chr04	4006206	[G/A]	1067294575
Ca_Kabuli_NC_021163.1_4027829	Ca_kabuli_chr04	4027829	[T/A]	1067294576
Ca_Kabuli_NC_021163.1_4027849	Ca_kabuli_chr04	4027849	[T/A]	1067294577
Ca_Kabuli_NC_021163.1_4027882	Ca_kabuli_chr04	4027882	[A/C]	1067294578
Ca_Kabuli_NC_021163.1_4037453	Ca_kabuli_chr04	4037453	[A/G]	1067294579
Ca_Kabuli_NC_021163.1_4037486	Ca_kabuli_chr04	4037486	[A/G]	1067294580

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_4098049	Ca_kabuli_chr04	4098049	[T/G]	1067294583
Ca_Kabuli_NC_021163.1_4141183	Ca_kabuli_chr04	4141183	[T/G]	1067294584
Ca_Kabuli_NC_021163.1_4154507	Ca_kabuli_chr04	4154507	[T/G]	1067294585
Ca_Kabuli_NC_021163.1_4219919	Ca_kabuli_chr04	4219919	[T/A]	1067294586
Ca_Kabuli_NC_021163.1_4219935	Ca_kabuli_chr04	4219935	[A/C]	1067294587
Ca_Kabuli_NC_021163.1_4219958	Ca_kabuli_chr04	4219958	[T/G]	1067294588
Ca_Kabuli_NC_021163.1_4229392	Ca_kabuli_chr04	4229392	[A/T]	1067294589
Ca_Kabuli_NC_021163.1_4245016	Ca_kabuli_chr04	4245016	[G/C]	1067294590
Ca_Kabuli_NC_021163.1_4251974	Ca_kabuli_chr04	4251974	[C/A]	1067294591
Ca_Kabuli_NC_021163.1_4251975	Ca_kabuli_chr04	4251975	[T/G]	1067294592
Ca_Kabuli_NC_021163.1_4251976	Ca_kabuli_chr04	4251976	[C/A]	1067294593
Ca_Kabuli_NC_021163.1_4252110	Ca_kabuli_chr04	4252110	[T/G]	1067294594
Ca_Kabuli_NC_021163.1_4252144	Ca_kabuli_chr04	4252144	[T/G]	1067294595
Ca_Kabuli_NC_021163.1_4255810	Ca_kabuli_chr04	4255810	[T/G]	1067294596
Ca_Kabuli_NC_021163.1_4255935	Ca_kabuli_chr04	4255935	[T/G]	1067294597
Ca_Kabuli_NC_021163.1_4255963	Ca_kabuli_chr04	4255963	[T/C]	1067294598
Ca_Kabuli_NC_021163.1_4255972	Ca_kabuli_chr04	4255972	[A/T]	1067294599
Ca_Kabuli_NC_021163.1_4256030	Ca_kabuli_chr04	4256030	[T/G]	1067294600
Ca_Kabuli_NC_021163.1_4257158	Ca_kabuli_chr04	4257158	[T/G]	1067294601
Ca_Kabuli_NC_021163.1_4257182	Ca_kabuli_chr04	4257182	[T/G]	1067294602
Ca_Kabuli_NC_021163.1_4305814	Ca_kabuli_chr04	4305814	[T/C]	1067294603
Ca_Kabuli_NC_021163.1_4305819	Ca_kabuli_chr04	4305819	[A/G]	1067294604
Ca_Kabuli_NC_021163.1_4305821	Ca_kabuli_chr04	4305821	[A/G]	1067294605
Ca_Kabuli_NC_021163.1_4305832	Ca_kabuli_chr04	4305832	[A/G]	1067294606
Ca_Kabuli_NC_021163.1_4305880	Ca_kabuli_chr04	4305880	[T/C]	1067294607
Ca_Kabuli_NC_021163.1_4305883	Ca_kabuli_chr04	4305883	[A/G]	1067294608
Ca_Kabuli_NC_021163.1_4309183	Ca_kabuli_chr04	4309183	[A/G]	1067294609
Ca_Kabuli_NC_021163.1_4309184	Ca_kabuli_chr04	4309184	[A/T]	1067294610
Ca_Kabuli_NC_021163.1_4309185	Ca_kabuli_chr04	4309185	[T/A]	1067294611
Ca_Kabuli_NC_021163.1_4309245	Ca_kabuli_chr04	4309245	[A/T]	1067294612
Ca_Kabuli_NC_021163.1_4309263	Ca_kabuli_chr04	4309263	[T/C]	1067294613
Ca_Kabuli_NC_021163.1_4309269	Ca_kabuli_chr04	4309269	[T/C]	1067294614

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_4309304	Ca_kabuli_chr04	4309304	[T/A]	1067294617
Ca_Kabuli_NC_021163.1_4309307	Ca_kabuli_chr04	4309307	[G/T]	1067294618
Ca_Kabuli_NC_021163.1_4320567	Ca_kabuli_chr04	4320567	[T/A]	1067294619
Ca_Kabuli_NC_021163.1_4325394	Ca_kabuli_chr04	4325394	[T/G]	1067294620
Ca_Kabuli_NC_021163.1_4343571	Ca_kabuli_chr04	4343571	[T/G]	1067294621
Ca_Kabuli_NC_021163.1_4375250	Ca_kabuli_chr04	4375250	[A/T]	1067294622
Ca_Kabuli_NC_021163.1_4375271	Ca_kabuli_chr04	4375271	[T/C]	1067294623
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Ca_Kabuli_NC_021163.1_4403125	Ca_kabuli_chr04	4403125	[T/C]	1067294625
Ca_Kabuli_NC_021163.1_4403140	Ca_kabuli_chr04	4403140	[A/C]	1067294626
Ca_Kabuli_NC_021163.1_4403177	Ca_kabuli_chr04	4403177	[G/C]	1067294627
Ca_Kabuli_NC_021163.1_4403178	Ca_kabuli_chr04	4403178	[A/C]	1067294628
Ca_Kabuli_NC_021163.1_4403213	Ca_kabuli_chr04	4403213	[A/C]	1067294629
Ca_Kabuli_NC_021163.1_4403248	Ca_kabuli_chr04	4403248	[A/G]	1067294630
Ca_Kabuli_NC_021163.1_4426493	Ca_kabuli_chr04	4426493	[T/G]	1067294631
Ca_Kabuli_NC_021163.1_4426534	Ca_kabuli_chr04	4426534	[T/C]	1067294632
Ca_Kabuli_NC_021163.1_4452213	Ca_kabuli_chr04	4452213	[T/G]	1067294633
Ca_Kabuli_NC_021163.1_4452245	Ca_kabuli_chr04	4452245	[C/A]	1067294634
Ca_Kabuli_NC_021163.1_4452246	Ca_kabuli_chr04	4452246	[A/C]	1067294635
Ca_Kabuli_NC_021163.1_4452247	Ca_kabuli_chr04	4452247	[A/G]	1067294636
Ca_Kabuli_NC_021163.1_4452252	Ca_kabuli_chr04	4452252	[G/A]	1067294637
Ca_Kabuli_NC_021163.1_4452335	Ca_kabuli_chr04	4452335	[A/G]	1067294638
Ca_Kabuli_NC_021163.1_4452337	Ca_kabuli_chr04	4452337	[T/G]	1067294639
Ca_Kabuli_NC_021163.1_4453889	Ca_kabuli_chr04	4453889	[T/G]	1067294640
Ca_Kabuli_NC_021163.1_4462406	Ca_kabuli_chr04	4462406	[A/C]	1067294641
Ca_Kabuli_NC_021163.1_4462408	Ca_kabuli_chr04	4462408	[C/T]	1067294642
Ca_Kabuli_NC_021163.1_4476250	Ca_kabuli_chr04	4476250	[A/T]	1067294643
Ca_Kabuli_NC_021163.1_4476258	Ca_kabuli_chr04	4476258	[T/G]	1067294644
Ca_Kabuli_NC_021163.1_4498780	Ca_kabuli_chr04	4498780	[C/T]	1067294645
Ca_Kabuli_NC_021163.1_4535558	Ca_kabuli_chr04	4535558	[A/C]	1067294646
Ca_Kabuli_NC_021163.1_4536205	Ca_kabuli_chr04	4536205	[G/A]	1067294647
Ca_Kabuli_NC_021163.1_4536270	Ca_kabuli_chr04	4536270	[T/G]	1067294648

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_4567258	Ca_kabuli_chr04	4567258	[A/G]	1067294650
Ca_Kabuli_NC_021163.1_4567284	Ca_kabuli_chr04	4567284	[T/C]	1067294651
Ca_Kabuli_NC_021163.1_4567299	Ca_kabuli_chr04	4567299	[A/G]	1067294652
Ca_Kabuli_NC_021163.1_4605188	Ca_kabuli_chr04	4605188	[A/G]	1067294653
Ca_Kabuli_NC_021163.1_4605235	Ca_kabuli_chr04	4605235	[A/C]	1067294654
Ca_Kabuli_NC_021163.1_4605290	Ca_kabuli_chr04	4605290	[A/G]	1067294655
Ca_Kabuli_NC_021163.1_4605293	Ca_kabuli_chr04	4605293	[T/G]	1067294656
Ca_Kabuli_NC_021163.1_4605356	Ca_kabuli_chr04	4605356	[A/T]	1067294657
Ca_Kabuli_NC_021163.1_4622091	Ca_kabuli_chr04	4622091	[T/C]	1067294658
Ca_Kabuli_NC_021163.1_4622094	Ca_kabuli_chr04	4622094	[A/C]	1067294659
Ca_Kabuli_NC_021163.1_4622921	Ca_kabuli_chr04	4622921	[T/A]	1067294660
Ca_Kabuli_NC_021163.1_4633934	Ca_kabuli_chr04	4633934	[T/C]	1067294661
Ca_Kabuli_NC_021163.1_4633959	Ca_kabuli_chr04	4633959	[T/C]	1067294662
Ca_Kabuli_NC_021163.1_4635998	Ca_kabuli_chr04	4635998	[T/G]	1067294663
Ca_Kabuli_NC_021163.1_4636518	Ca_kabuli_chr04	4636518	[T/G]	1067294664
Ca_Kabuli_NC_021163.1_4636555	Ca_kabuli_chr04	4636555	[A/C]	1067294665
Ca_Kabuli_NC_021163.1_4675176	Ca_kabuli_chr04	4675176	[T/G]	1067294666
Ca_Kabuli_NC_021163.1_4675182	Ca_kabuli_chr04	4675182	[T/G]	1067294667
Ca_Kabuli_NC_021163.1_4679252	Ca_kabuli_chr04	4679252	[A/C]	1067294668
Ca_Kabuli_NC_021163.1_4689116	Ca_kabuli_chr04	4689116	[T/C]	1067294669
Ca_Kabuli_NC_021163.1_4689148	Ca_kabuli_chr04	4689148	[A/G]	1067294670
Ca_Kabuli_NC_021163.1_4822685	Ca_kabuli_chr04	4822685	[T/C]	1067294671
Ca_Kabuli_NC_021163.1_4890259	Ca_kabuli_chr04	4890259	[T/C]	1067294672
Ca_Kabuli_NC_021163.1_4890299	Ca_kabuli_chr04	4890299	[T/C]	1067294673
Ca_Kabuli_NC_021163.1_4897950	Ca_kabuli_chr04	4897950	[A/C]	1067294674
Ca_Kabuli_NC_021163.1_4911083	Ca_kabuli_chr04	4911083	[T/C]	1067294675
Ca_Kabuli_NC_021163.1_4911130	Ca_kabuli_chr04	4911130	[T/C]	1067294676
Ca_Kabuli_NC_021163.1_4911160	Ca_kabuli_chr04	4911160	[A/C]	1067294677
Ca_Kabuli_NC_021163.1_4920706	Ca_kabuli_chr04	4920706	[T/C]	1067294678
Ca_Kabuli_NC_021163.1_4920712	Ca_kabuli_chr04	4920712	[A/T]	1067294679
Ca_Kabuli_NC_021163.1_4928157	Ca_kabuli_chr04	4928157	[A/G]	1067294680
Ca_Kabuli_NC_021163.1_4928180	Ca_kabuli_chr04	4928180	[A/T]	1067294681
Ca_Kabuli_NC_021163.1_4928192	Ca_kabuli_chr04	4928192	[T/A]	1067294682

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_4951176	Ca_kabuli_chr04	4951176	[A/G]	1067294685
Ca_Kabuli_NC_021163.1_4951189	Ca_kabuli_chr04	4951189	[G/C]	1067294686
Ca_Kabuli_NC_021163.1_4951194	Ca_kabuli_chr04	4951194	[G/C]	1067294687
Ca_Kabuli_NC_021163.1_4951205	Ca_kabuli_chr04	4951205	[A/C]	1067294688
Ca_Kabuli_NC_021163.1_4953602	Ca_kabuli_chr04	4953602	[T/G]	1067294689
Ca_Kabuli_NC_021163.1_4953623	Ca_kabuli_chr04	4953623	[T/G]	1067294690
Ca_Kabuli_NC_021163.1_4953681	Ca_kabuli_chr04	4953681	[T/C]	1067294691
Ca_Kabuli_NC_021163.1_4953690	Ca_kabuli_chr04	4953690	[A/G]	1067294692
Ca_Kabuli_NC_021163.1_4953697	Ca_kabuli_chr04	4953697	[A/C]	1067294693
Ca_Kabuli_NC_021163.1_5017018	Ca_kabuli_chr04	5017018	[A/C]	1067294694
Ca_Kabuli_NC_021163.1_5017088	Ca_kabuli_chr04	5017088	[A/G]	1067294695
Ca_Kabuli_NC_021163.1_5017090	Ca_kabuli_chr04	5017090	[G/C]	1067294696
Ca_Kabuli_NC_021163.1_5017120	Ca_kabuli_chr04	5017120	[A/C]	1067294697
Ca_Kabuli_NC_021163.1_5086698	Ca_kabuli_chr04	5086698	[A/G]	1067294698
Ca_Kabuli_NC_021163.1_5086729	Ca_kabuli_chr04	5086729	[A/G]	1067294699
Ca_Kabuli_NC_021163.1_5086736	Ca_kabuli_chr04	5086736	[T/C]	1067294700
Ca_Kabuli_NC_021163.1_5092361	Ca_kabuli_chr04	5092361	[C/A]	1067294701
Ca_Kabuli_NC_021163.1_5101729	Ca_kabuli_chr04	5101729	[A/G]	1067294702
Ca_Kabuli_NC_021163.1_5155611	Ca_kabuli_chr04	5155611	[A/C]	1067294703
Ca_Kabuli_NC_021163.1_5155621	Ca_kabuli_chr04	5155621	[A/G]	1067294704
Ca_Kabuli_NC_021163.1_5186399	Ca_kabuli_chr04	5186399	[T/C]	1067294705
Ca_Kabuli_NC_021163.1_5186403	Ca_kabuli_chr04	5186403	[T/C]	1067294706
Ca_Kabuli_NC_021163.1_5186412	Ca_kabuli_chr04	5186412	[A/G]	1067294707
Ca_Kabuli_NC_021163.1_5207834	Ca_kabuli_chr04	5207834	[A/G]	1067294708
Ca_Kabuli_NC_021163.1_5207847	Ca_kabuli_chr04	5207847	[A/G]	1067294709
Ca_Kabuli_NC_021163.1_5207850	Ca_kabuli_chr04	5207850	[A/G]	1067294710
Ca_Kabuli_NC_021163.1_5207854	Ca_kabuli_chr04	5207854	[A/G]	1067294711
Ca_Kabuli_NC_021163.1_5207859	Ca_kabuli_chr04	5207859	[T/C]	1067294712
Ca_Kabuli_NC_021163.1_5223159	Ca_kabuli_chr04	5223159	[A/T]	1067294713
Ca_Kabuli_NC_021163.1_5232361	Ca_kabuli_chr04	5232361	[T/A]	1067294714
Ca_Kabuli_NC_021163.1_5232391	Ca_kabuli_chr04	5232391	[C/A]	1067294715
Ca_Kabuli_NC_021163.1_5232392	Ca_kabuli_chr04	5232392	[G/C]	1067294716

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_5233608	Ca_kabuli_chr04	5233608	[A/C]	1067294719
Ca_Kabuli_NC_021163.1_5233609	Ca_kabuli_chr04	5233609	[C/A]	1067294720
Ca_Kabuli_NC_021163.1_5233635	Ca_kabuli_chr04	5233635	[A/C]	1067294721
Ca_Kabuli_NC_021163.1_5233688	Ca_kabuli_chr04	5233688	[A/C]	1067294722
Ca_Kabuli_NC_021163.1_5233719	Ca_kabuli_chr04	5233719	[T/C]	1067294723
Ca_Kabuli_NC_021163.1_5272594	Ca_kabuli_chr04	5272594	[A/C]	1067294724
Ca_Kabuli_NC_021163.1_5274012	Ca_kabuli_chr04	5274012	[T/C]	1067294725
Ca_Kabuli_NC_021163.1_5282090	Ca_kabuli_chr04	5282090	[A/C]	1067294726
Ca_Kabuli_NC_021163.1_5310888	Ca_kabuli_chr04	5310888	[T/C]	1067294727
Ca_Kabuli_NC_021163.1_5321389	Ca_kabuli_chr04	5321389	[T/A]	1067294728
Ca_Kabuli_NC_021163.1_5321414	Ca_kabuli_chr04	5321414	[A/G]	1067294729
Ca_Kabuli_NC_021163.1_5321423	Ca_kabuli_chr04	5321423	[T/C]	1067294730
Ca_Kabuli_NC_021163.1_5321435	Ca_kabuli_chr04	5321435	[T/C]	1067294731
Ca_Kabuli_NC_021163.1_5345499	Ca_kabuli_chr04	5345499	[T/A]	1067294732
Ca_Kabuli_NC_021163.1_5347480	Ca_kabuli_chr04	5347480	[A/C]	1067294733
Ca_Kabuli_NC_021163.1_5347481	Ca_kabuli_chr04	5347481	[G/T]	1067294734
Ca_Kabuli_NC_021163.1_5376927	Ca_kabuli_chr04	5376927	[A/T]	1067294735
Ca_Kabuli_NC_021163.1_5376928	Ca_kabuli_chr04	5376928	[A/C]	1067294736
Ca_Kabuli_NC_021163.1_5376929	Ca_kabuli_chr04	5376929	[G/T]	1067294737
Ca_Kabuli_NC_021163.1_5377171	Ca_kabuli_chr04	5377171	[T/G]	1067294738
Ca_Kabuli_NC_021163.1_5390317	Ca_kabuli_chr04	5390317	[G/A]	1067294739
Ca_Kabuli_NC_021163.1_5390321	Ca_kabuli_chr04	5390321	[T/C]	1067294740
Ca_Kabuli_NC_021163.1_5390428	Ca_kabuli_chr04	5390428	[A/C]	1067294741
Ca_Kabuli_NC_021163.1_5401291	Ca_kabuli_chr04	5401291	[T/G]	1067294742
Ca_Kabuli_NC_021163.1_5401310	Ca_kabuli_chr04	5401310	[T/G]	1067294743
Ca_Kabuli_NC_021163.1_5405992	Ca_kabuli_chr04	5405992	[T/G]	1067294744
Ca_Kabuli_NC_021163.1_5406164	Ca_kabuli_chr04	5406164	[A/C]	1067294745
Ca_Kabuli_NC_021163.1_5408156	Ca_kabuli_chr04	5408156	[A/C]	1067294746
Ca_Kabuli_NC_021163.1_5458449	Ca_kabuli_chr04	5458449	[A/G]	1067294747
Ca_Kabuli_NC_021163.1_5528418	Ca_kabuli_chr04	5528418	[T/G]	1067294748
Ca_Kabuli_NC_021163.1_5528421	Ca_kabuli_chr04	5528421	[T/G]	1067294749
Ca_Kabuli_NC_021163.1_5528426	Ca_kabuli_chr04	5528426	[A/G]	1067294750



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_5595089	Ca_kabuli_chr04	5595089	[A/C]	1067294753
Ca_Kabuli_NC_021163.1_5595101	Ca_kabuli_chr04	5595101	[A/G]	1067294754
Ca_Kabuli_NC_021163.1_5613386	Ca_kabuli_chr04	5613386	[A/T]	1067294755
Ca_Kabuli_NC_021163.1_5630336	Ca_kabuli_chr04	5630336	[G/A]	1067294756
Ca_Kabuli_NC_021163.1_5630342	Ca_kabuli_chr04	5630342	[A/T]	1067294757
Ca_Kabuli_NC_021163.1_5647745	Ca_kabuli_chr04	5647745	[T/G]	1067294758
Ca_Kabuli_NC_021163.1_5647748	Ca_kabuli_chr04	5647748	[T/C]	1067294759
Ca_Kabuli_NC_021163.1_5647760	Ca_kabuli_chr04	5647760	[T/G]	1067294760
Ca_Kabuli_NC_021163.1_5701888	Ca_kabuli_chr04	5701888	[C/T]	1067294761
Ca_Kabuli_NC_021163.1_5701900	Ca_kabuli_chr04	5701900	[G/T]	1067294762
Ca_Kabuli_NC_021163.1_5701902	Ca_kabuli_chr04	5701902	[C/T]	1067294763
Ca_Kabuli_NC_021163.1_5701905	Ca_kabuli_chr04	5701905	[C/T]	1067294764
Ca_Kabuli_NC_021163.1_5701907	Ca_kabuli_chr04	5701907	[G/T]	1067294765
Ca_Kabuli_NC_021163.1_5701913	Ca_kabuli_chr04	5701913	[T/C]	1067294766
Ca_Kabuli_NC_021163.1_5701919	Ca_kabuli_chr04	5701919	[A/T]	1067294767
Ca_Kabuli_NC_021163.1_5710437	Ca_kabuli_chr04	5710437	[T/A]	1067294768
Ca_Kabuli_NC_021163.1_5710447	Ca_kabuli_chr04	5710447	[T/G]	1067294769
Ca_Kabuli_NC_021163.1_5747426	Ca_kabuli_chr04	5747426	[A/C]	1067294770
Ca_Kabuli_NC_021163.1_5779788	Ca_kabuli_chr04	5779788	[A/T]	1067294771
Ca_Kabuli_NC_021163.1_5779789	Ca_kabuli_chr04	5779789	[A/C]	1067294772
Ca_Kabuli_NC_021163.1_5779790	Ca_kabuli_chr04	5779790	[C/A]	1067294773
Ca_Kabuli_NC_021163.1_5779959	Ca_kabuli_chr04	5779959	[A/G]	1067294774
Ca_Kabuli_NC_021163.1_5841468	Ca_kabuli_chr04	5841468	[A/C]	1067294775
Ca_Kabuli_NC_021163.1_5900290	Ca_kabuli_chr04	5900290	[C/T]	1067294776
Ca_Kabuli_NC_021163.1_5907409	Ca_kabuli_chr04	5907409	[T/G]	1067294777
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Ca_Kabuli_NC_021163.1_5907470	Ca_kabuli_chr04	5907470	[G/C]	1067294779
Ca_Kabuli_NC_021163.1_5907472	Ca_kabuli_chr04	5907472	[C/A]	1067294780
Ca_Kabuli_NC_021163.1_5919776	Ca_kabuli_chr04	5919776	[T/G]	1067294781
Ca_Kabuli_NC_021163.1_5920631	Ca_kabuli_chr04	5920631	[A/C]	1067294782
Ca_Kabuli_NC_021163.1_5920659	Ca_kabuli_chr04	5920659	[T/G]	1067294783
Ca_Kabuli_NC_021163.1_5975388	Ca_kabuli_chr04	5975388	[T/A]	1067294784

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_6006828	Ca_kabuli_chr04	6006828	[T/G]	1067294788
Ca_Kabuli_NC_021163.1_6006836	Ca_kabuli_chr04	6006836	[A/G]	1067294789
Ca_Kabuli_NC_021163.1_6006843	Ca_kabuli_chr04	6006843	[T/G]	1067294790
Ca_Kabuli_NC_021163.1_6040583	Ca_kabuli_chr04	6040583	[A/C]	1067294791
Ca_Kabuli_NC_021163.1_6041154	Ca_kabuli_chr04	6041154	[A/C]	1067294792
Ca_Kabuli_NC_021163.1_6076570	Ca_kabuli_chr04	6076570	[T/G]	1067294793
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Ca_Kabuli_NC_021163.1_6102249	Ca_kabuli_chr04	6102249	[T/G]	1067294796
Ca_Kabuli_NC_021163.1_6205353	Ca_kabuli_chr04	6205353	[A/G]	1067294797
Ca_Kabuli_NC_021163.1_6264855	Ca_kabuli_chr04	6264855	[T/A]	1067294798
Ca_Kabuli_NC_021163.1_6281228	Ca_kabuli_chr04	6281228	[A/C]	1067294799
Ca_Kabuli_NC_021163.1_6338691	Ca_kabuli_chr04	6338691	[C/A]	1067294800
Ca_Kabuli_NC_021163.1_6338692	Ca_kabuli_chr04	6338692	[T/G]	1067294801
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Ca_Kabuli_NC_021163.1_6389180	Ca_kabuli_chr04	6389180	[A/G]	1067294803
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Ca_Kabuli_NC_021163.1_6408553	Ca_kabuli_chr04	6408553	[A/G]	1067294809
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Ca_Kabuli_NC_021163.1_6415015	Ca_kabuli_chr04	6415015	[T/G]	1067294812
Ca_Kabuli_NC_021163.1_6415032	Ca_kabuli_chr04	6415032	[A/C]	1067294813
Ca_Kabuli_NC_021163.1_6456474	Ca_kabuli_chr04	6456474	[T/C]	1067294814
Ca_Kabuli_NC_021163.1_6461026	Ca_kabuli_chr04	6461026	[G/C]	1067294815
Ca_Kabuli_NC_021163.1_6462846	Ca_kabuli_chr04	6462846	[C/A]	1067294816
Ca_Kabuli_NC_021163.1_6462847	Ca_kabuli_chr04	6462847	[T/G]	1067294817
Ca_Kabuli_NC_021163.1_6507498	Ca_kabuli_chr04	6507498	[T/G]	1067294818

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_6507522	Ca_kabuli_chr04	6507522	[A/C]	1067294819
Ca_Kabuli_NC_021163.1_6514899	Ca_kabuli_chr04	6514899	[T/C]	1067294820
Ca_Kabuli_NC_021163.1_6514900	Ca_kabuli_chr04	6514900	[G/T]	1067294821
Ca_Kabuli_NC_021163.1_6544317	Ca_kabuli_chr04	6544317	[A/C]	1067294822
Ca_Kabuli_NC_021163.1_6544397	Ca_kabuli_chr04	6544397	[T/A]	1067294823
Ca_Kabuli_NC_021163.1_6544399	Ca_kabuli_chr04	6544399	[A/T]	1067294824
Ca_Kabuli_NC_021163.1_6559477	Ca_kabuli_chr04	6559477	[T/C]	1067294825
Ca_Kabuli_NC_021163.1_6562602	Ca_kabuli_chr04	6562602	[T/C]	1067294826
Ca_Kabuli_NC_021163.1_6562628	Ca_kabuli_chr04	6562628	[T/G]	1067294827
Ca_Kabuli_NC_021163.1_6567319	Ca_kabuli_chr04	6567319	[T/A]	1067294828
Ca_Kabuli_NC_021163.1_6621474	Ca_kabuli_chr04	6621474	[A/T]	1067294829
Ca_Kabuli_NC_021163.1_6622339	Ca_kabuli_chr04	6622339	[T/C]	1067294830
Ca_Kabuli_NC_021163.1_6622368	Ca_kabuli_chr04	6622368	[A/G]	1067294831
Ca_Kabuli_NC_021163.1_6635780	Ca_kabuli_chr04	6635780	[T/G]	1067294832
Ca_Kabuli_NC_021163.1_6664462	Ca_kabuli_chr04	6664462	[A/C]	1067294833
Ca_Kabuli_NC_021163.1_6666908	Ca_kabuli_chr04	6666908	[T/G]	1067294834
Ca_Kabuli_NC_021163.1_6666916	Ca_kabuli_chr04	6666916	[A/C]	1067294835
Ca_Kabuli_NC_021163.1_6749909	Ca_kabuli_chr04	6749909	[T/C]	1067294836
Ca_Kabuli_NC_021163.1_6761719	Ca_kabuli_chr04	6761719	[T/A]	1067294837
Ca_Kabuli_NC_021163.1_6761759	Ca_kabuli_chr04	6761759	[A/C]	1067294838
Ca_Kabuli_NC_021163.1_6761763	Ca_kabuli_chr04	6761763	[T/C]	1067294839
Ca_Kabuli_NC_021163.1_6816250	Ca_kabuli_chr04	6816250	[A/T]	1067294840
Ca_Kabuli_NC_021163.1_6851628	Ca_kabuli_chr04	6851628	[G/T]	1067294841
Ca_Kabuli_NC_021163.1_6854067	Ca_kabuli_chr04	6854067	[A/C]	1067294842
Ca_Kabuli_NC_021163.1_6854127	Ca_kabuli_chr04	6854127	[T/G]	1067294843
Ca_Kabuli_NC_021163.1_6854135	Ca_kabuli_chr04	6854135	[T/A]	1067294844
Ca_Kabuli_NC_021163.1_6854162	Ca_kabuli_chr04	6854162	[A/C]	1067294845
Ca_Kabuli_NC_021163.1_6854187	Ca_kabuli_chr04	6854187	[A/G]	1067294846
Ca_Kabuli_NC_021163.1_6854533	Ca_kabuli_chr04	6854533	[A/C]	1067294847
Ca_Kabuli_NC_021163.1_6889964	Ca_kabuli_chr04	6889964	[T/G]	1067294848
Ca_Kabuli_NC_021163.1_6889967	Ca_kabuli_chr04	6889967	[A/T]	1067294849
Ca_Kabuli_NC_021163.1_6889974	Ca_kabuli_chr04	6889974	[T/G]	1067294850
Ca_Kabuli_NC_021163.1_6889978	Ca_kabuli_chr04	6889978	[G/A]	1067294851
Ca_Kabuli_NC_021163.1_6889981	Ca_kabuli_chr04	6889981	[T/G]	1067294852

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_6952860	Ca_kabuli_chr04	6952860	[T/G]	1067294854
Ca_Kabuli_NC_021163.1_6952876	Ca_kabuli_chr04	6952876	[T/G]	1067294855
Ca_Kabuli_NC_021163.1_7040253	Ca_kabuli_chr04	7040253	[A/C]	1067294856
Ca_Kabuli_NC_021163.1_7040258	Ca_kabuli_chr04	7040258	[A/C]	1067294857
Ca_Kabuli_NC_021163.1_7068169	Ca_kabuli_chr04	7068169	[C/A]	1067294858
Ca_Kabuli_NC_021163.1_7068170	Ca_kabuli_chr04	7068170	[C/G]	1067294859
Ca_Kabuli_NC_021163.1_7068171	Ca_kabuli_chr04	7068171	[G/A]	1067294860
Ca_Kabuli_NC_021163.1_7069673	Ca_kabuli_chr04	7069673	[A/G]	1067294861
Ca_Kabuli_NC_021163.1_7069678	Ca_kabuli_chr04	7069678	[C/T]	1067294862
Ca_Kabuli_NC_021163.1_7069713	Ca_kabuli_chr04	7069713	[C/T]	1067294863
Ca_Kabuli_NC_021163.1_7142438	Ca_kabuli_chr04	7142438	[T/G]	1067294864
Ca_Kabuli_NC_021163.1_7143222	Ca_kabuli_chr04	7143222	[T/C]	1067294865
Ca_Kabuli_NC_021163.1_7143229	Ca_kabuli_chr04	7143229	[C/T]	1067294866
Ca_Kabuli_NC_021163.1_7143232	Ca_kabuli_chr04	7143232	[C/T]	1067294867
Ca_Kabuli_NC_021163.1_7143234	Ca_kabuli_chr04	7143234	[C/T]	1067294868
Ca_Kabuli_NC_021163.1_7143254	Ca_kabuli_chr04	7143254	[A/C]	1067294869
Ca_Kabuli_NC_021163.1_7155819	Ca_kabuli_chr04	7155819	[A/G]	1067294870
Ca_Kabuli_NC_021163.1_7155857	Ca_kabuli_chr04	7155857	[T/G]	1067294871
Ca_Kabuli_NC_021163.1_7155864	Ca_kabuli_chr04	7155864	[A/G]	1067294872
Ca_Kabuli_NC_021163.1_7163978	Ca_kabuli_chr04	7163978	[T/C]	1067294873
Ca_Kabuli_NC_021163.1_7163980	Ca_kabuli_chr04	7163980	[A/C]	1067294874
Ca_Kabuli_NC_021163.1_7163982	Ca_kabuli_chr04	7163982	[C/T]	1067294875
Ca_Kabuli_NC_021163.1_7164004	Ca_kabuli_chr04	7164004	[A/C]	1067294876
Ca_Kabuli_NC_021163.1_7187783	Ca_kabuli_chr04	7187783	[T/A]	1067294877
Ca_Kabuli_NC_021163.1_7350212	Ca_kabuli_chr04	7350212	[A/T]	1067294878
Ca_Kabuli_NC_021163.1_7395128	Ca_kabuli_chr04	7395128	[A/G]	1067294879
Ca_Kabuli_NC_021163.1_7417035	Ca_kabuli_chr04	7417035	[T/G]	1067294880
Ca_Kabuli_NC_021163.1_7417042	Ca_kabuli_chr04	7417042	[T/G]	1067294881
Ca_Kabuli_NC_021163.1_7523665	Ca_kabuli_chr04	7523665	[T/C]	1067294882
Ca_Kabuli_NC_021163.1_7523666	Ca_kabuli_chr04	7523666	[A/T]	1067294883
Ca_Kabuli_NC_021163.1_7523689	Ca_kabuli_chr04	7523689	[A/C]	1067294884
Ca_Kabuli_NC_021163.1_7548603	Ca_kabuli_chr04	7548603	[A/C]	1067294885
Ca_Kabuli_NC_021163.1_7548632	Ca_kabuli_chr04	7548632	[G/T]	1067294886

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_7548639	Ca_kabuli_chr04	7548639	[T/G]	1067294889
Ca_Kabuli_NC_021163.1_7548640	Ca_kabuli_chr04	7548640	[A/C]	1067294890
Ca_Kabuli_NC_021163.1_7561479	Ca_kabuli_chr04	7561479	[A/G]	1067294891
Ca_Kabuli_NC_021163.1_7561491	Ca_kabuli_chr04	7561491	[A/G]	1067294892
Ca_Kabuli_NC_021163.1_7561495	Ca_kabuli_chr04	7561495	[A/G]	1067294893
Ca_Kabuli_NC_021163.1_7561515	Ca_kabuli_chr04	7561515	[T/G]	1067294894
Ca_Kabuli_NC_021163.1_7587496	Ca_kabuli_chr04	7587496	[T/C]	1067294895
Ca_Kabuli_NC_021163.1_7739201	Ca_kabuli_chr04	7739201	[T/G]	1067294896
Ca_Kabuli_NC_021163.1_7771941	Ca_kabuli_chr04	7771941	[A/G]	1067294897
Ca_Kabuli_NC_021163.1_7771948	Ca_kabuli_chr04	7771948	[T/C]	1067294898
Ca_Kabuli_NC_021163.1_7771956	Ca_kabuli_chr04	7771956	[A/G]	1067294899
Ca_Kabuli_NC_021163.1_7806626	Ca_kabuli_chr04	7806626	[A/C]	1067294900
Ca_Kabuli_NC_021163.1_7867676	Ca_kabuli_chr04	7867676	[A/T]	1067294901
Ca_Kabuli_NC_021163.1_7883714	Ca_kabuli_chr04	7883714	[A/C]	1067294902
Ca_Kabuli_NC_021163.1_7898356	Ca_kabuli_chr04	7898356	[T/C]	1067294903
Ca_Kabuli_NC_021163.1_7898383	Ca_kabuli_chr04	7898383	[T/C]	1067294904
Ca_Kabuli_NC_021163.1_7898392	Ca_kabuli_chr04	7898392	[A/G]	1067294905
Ca_Kabuli_NC_021163.1_7920411	Ca_kabuli_chr04	7920411	[G/A]	1067294906
Ca_Kabuli_NC_021163.1_8025364	Ca_kabuli_chr04	8025364	[A/C]	1067294907
Ca_Kabuli_NC_021163.1_8050741	Ca_kabuli_chr04	8050741	[A/T]	1067294908
Ca_Kabuli_NC_021163.1_8063576	Ca_kabuli_chr04	8063576	[T/A]	1067294909
Ca_Kabuli_NC_021163.1_8063608	Ca_kabuli_chr04	8063608	[A/G]	1067294910
Ca_Kabuli_NC_021163.1_8115068	Ca_kabuli_chr04	8115068	[T/G]	1067294911
Ca_Kabuli_NC_021163.1_8115233	Ca_kabuli_chr04	8115233	[A/C]	1067294912
Ca_Kabuli_NC_021163.1_8116598	Ca_kabuli_chr04	8116598	[T/C]	1067294913
Ca_Kabuli_NC_021163.1_8116604	Ca_kabuli_chr04	8116604	[T/G]	1067294914
Ca_Kabuli_NC_021163.1_8116611	Ca_kabuli_chr04	8116611	[A/G]	1067294915
Ca_Kabuli_NC_021163.1_8127200	Ca_kabuli_chr04	8127200	[T/C]	1067294916
Ca_Kabuli_NC_021163.1_8127204	Ca_kabuli_chr04	8127204	[T/C]	1067294917
Ca_Kabuli_NC_021163.1_8127255	Ca_kabuli_chr04	8127255	[A/G]	1067294918
Ca_Kabuli_NC_021163.1_8129337	Ca_kabuli_chr04	8129337	[T/C]	1067294919
Ca_Kabuli_NC_021163.1_8129348	Ca_kabuli_chr04	8129348	[A/T]	1067294920

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_8186648	Ca_kabuli_chr04	8186648	[A/C]	1067294922
Ca_Kabuli_NC_021163.1_8186655	Ca_kabuli_chr04	8186655	[A/C]	1067294923
Ca_Kabuli_NC_021163.1_8186677	Ca_kabuli_chr04	8186677	[A/C]	1067294924
Ca_Kabuli_NC_021163.1_8194139	Ca_kabuli_chr04	8194139	[T/C]	1067294925
Ca_Kabuli_NC_021163.1_8236340	Ca_kabuli_chr04	8236340	[T/G]	1067294926
Ca_Kabuli_NC_021163.1_8236402	Ca_kabuli_chr04	8236402	[A/C]	1067294927
Ca_Kabuli_NC_021163.1_8237305	Ca_kabuli_chr04	8237305	[A/G]	1067294928
Ca_Kabuli_NC_021163.1_8245769	Ca_kabuli_chr04	8245769	[A/G]	1067294929
Ca_Kabuli_NC_021163.1_8268995	Ca_kabuli_chr04	8268995	[T/C]	1067294930
Ca_Kabuli_NC_021163.1_8290396	Ca_kabuli_chr04	8290396	[A/C]	1067294931
Ca_Kabuli_NC_021163.1_8302146	Ca_kabuli_chr04	8302146	[A/G]	1067294932
Ca_Kabuli_NC_021163.1_8302168	Ca_kabuli_chr04	8302168	[T/C]	1067294933
Ca_Kabuli_NC_021163.1_8302198	Ca_kabuli_chr04	8302198	[A/C]	1067294934
Ca_Kabuli_NC_021163.1_8304444	Ca_kabuli_chr04	8304444	[A/C]	1067294935
Ca_Kabuli_NC_021163.1_8356201	Ca_kabuli_chr04	8356201	[A/C]	1067294936
Ca_Kabuli_NC_021163.1_8361398	Ca_kabuli_chr04	8361398	[A/C]	1067294937
Ca_Kabuli_NC_021163.1_8361399	Ca_kabuli_chr04	8361399	[G/A]	1067294938
Ca_Kabuli_NC_021163.1_8367480	Ca_kabuli_chr04	8367480	[T/G]	1067294939
Ca_Kabuli_NC_021163.1_8369566	Ca_kabuli_chr04	8369566	[A/C]	1067294940
Ca_Kabuli_NC_021163.1_8404188	Ca_kabuli_chr04	8404188	[A/T]	1067294941
Ca_Kabuli_NC_021163.1_8471002	Ca_kabuli_chr04	8471002	[A/G]	1067294942
Ca_Kabuli_NC_021163.1_8473138	Ca_kabuli_chr04	8473138	[T/G]	1067294943
Ca_Kabuli_NC_021163.1_8475634	Ca_kabuli_chr04	8475634	[A/C]	1067294944
Ca_Kabuli_NC_021163.1_8496747	Ca_kabuli_chr04	8496747	[A/G]	1067294945
Ca_Kabuli_NC_021163.1_8533012	Ca_kabuli_chr04	8533012	[T/C]	1067294946
Ca_Kabuli_NC_021163.1_8533017	Ca_kabuli_chr04	8533017	[T/C]	1067294947
Ca_Kabuli_NC_021163.1_8596243	Ca_kabuli_chr04	8596243	[T/G]	1067294948
Ca_Kabuli_NC_021163.1_8596268	Ca_kabuli_chr04	8596268	[T/G]	1067294949
Ca_Kabuli_NC_021163.1_8620826	Ca_kabuli_chr04	8620826	[T/C]	1067294950
Ca_Kabuli_NC_021163.1_8627547	Ca_kabuli_chr04	8627547	[A/G]	1067294951
Ca_Kabuli_NC_021163.1_8656398	Ca_kabuli_chr04	8656398	[A/G]	1067294952
Ca_Kabuli_NC_021163.1_8656635	Ca_kabuli_chr04	8656635	[T/C]	1067294953
Ca_Kabuli_NC_021163.1_8659774	Ca_kabuli_chr04	8659774	[G/A]	1067294954

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_8660123	Ca_kabuli_chr04	8660123	[A/G]	1067294956
Ca_Kabuli_NC_021163.1_8660125	Ca_kabuli_chr04	8660125	[A/C]	1067294957
Ca_Kabuli_NC_021163.1_8660131	Ca_kabuli_chr04	8660131	[T/C]	1067294958
Ca_Kabuli_NC_021163.1_8660144	Ca_kabuli_chr04	8660144	[T/C]	1067294959
Ca_Kabuli_NC_021163.1_8660196	Ca_kabuli_chr04	8660196	[T/C]	1067294960
Ca_Kabuli_NC_021163.1_8660198	Ca_kabuli_chr04	8660198	[T/C]	1067294961
Ca_Kabuli_NC_021163.1_8660205	Ca_kabuli_chr04	8660205	[A/G]	1067294962
Ca_Kabuli_NC_021163.1_8660252	Ca_kabuli_chr04	8660252	[A/G]	1067294963
Ca_Kabuli_NC_021163.1_8661559	Ca_kabuli_chr04	8661559	[G/A]	1067294964
Ca_Kabuli_NC_021163.1_8661588	Ca_kabuli_chr04	8661588	[T/C]	1067294965
Ca_Kabuli_NC_021163.1_8661607	Ca_kabuli_chr04	8661607	[T/C]	1067294966
Ca_Kabuli_NC_021163.1_8662340	Ca_kabuli_chr04	8662340	[G/C]	1067294967
Ca_Kabuli_NC_021163.1_8662348	Ca_kabuli_chr04	8662348	[C/A]	1067294968
Ca_Kabuli_NC_021163.1_8662350	Ca_kabuli_chr04	8662350	[G/A]	1067294969
Ca_Kabuli_NC_021163.1_8668945	Ca_kabuli_chr04	8668945	[C/T]	1067294970
Ca_Kabuli_NC_021163.1_8669513	Ca_kabuli_chr04	8669513	[A/G]	1067294971
Ca_Kabuli_NC_021163.1_8669515	Ca_kabuli_chr04	8669515	[T/C]	1067294972
Ca_Kabuli_NC_021163.1_8669560	Ca_kabuli_chr04	8669560	[A/C]	1067294973
Ca_Kabuli_NC_021163.1_8677598	Ca_kabuli_chr04	8677598	[C/T]	1067294974
Ca_Kabuli_NC_021163.1_8681906	Ca_kabuli_chr04	8681906	[A/T]	1067294975
Ca_Kabuli_NC_021163.1_8681949	Ca_kabuli_chr04	8681949	[A/G]	1067294976
Ca_Kabuli_NC_021163.1_8682191	Ca_kabuli_chr04	8682191	[T/C]	1067294977
Ca_Kabuli_NC_021163.1_8683428	Ca_kabuli_chr04	8683428	[C/T]	1067294978
Ca_Kabuli_NC_021163.1_8683435	Ca_kabuli_chr04	8683435	[T/C]	1067294979
Ca_Kabuli_NC_021163.1_8683887	Ca_kabuli_chr04	8683887	[G/A]	1067294980
Ca_Kabuli_NC_021163.1_8683953	Ca_kabuli_chr04	8683953	[C/G]	1067294981
Ca_Kabuli_NC_021163.1_8684184	Ca_kabuli_chr04	8684184	[G/A]	1067294982
Ca_Kabuli_NC_021163.1_8684185	Ca_kabuli_chr04	8684185	[G/A]	1067294983
Ca_Kabuli_NC_021163.1_8684220	Ca_kabuli_chr04	8684220	[A/G]	1067294984
Ca_Kabuli_NC_021163.1_8685875	Ca_kabuli_chr04	8685875	[G/A]	1067294985
Ca_Kabuli_NC_021163.1_8686216	Ca_kabuli_chr04	8686216	[A/T]	1067294986
Ca_Kabuli_NC_021163.1_8692150	Ca_kabuli_chr04	8692150	[C/T]	1067294987
Ca_Kabuli_NC_021163.1_8692321	Ca_kabuli_chr04	8692321	[C/T]	1067294988

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_8696395	Ca_kabuli_chr04	8696395	[G/C]	1067294990
Ca_Kabuli_NC_021163.1_8697219	Ca_kabuli_chr04	8697219	[C/T]	1067294991
Ca_Kabuli_NC_021163.1_8697220	Ca_kabuli_chr04	8697220	[A/T]	1067294992
Ca_Kabuli_NC_021163.1_8697226	Ca_kabuli_chr04	8697226	[A/G]	1067294993
Ca_Kabuli_NC_021163.1_8751611	Ca_kabuli_chr04	8751611	[T/C]	1067294994
Ca_Kabuli_NC_021163.1_8751618	Ca_kabuli_chr04	8751618	[A/C]	1067294995
Ca_Kabuli_NC_021163.1_8751626	Ca_kabuli_chr04	8751626	[A/C]	1067294996
Ca_Kabuli_NC_021163.1_8751629	Ca_kabuli_chr04	8751629	[T/C]	1067294997
Ca_Kabuli_NC_021163.1_8751638	Ca_kabuli_chr04	8751638	[A/C]	1067294998
Ca_Kabuli_NC_021163.1_8751642	Ca_kabuli_chr04	8751642	[A/C]	1067294999
Ca_Kabuli_NC_021163.1_8752822	Ca_kabuli_chr04	8752822	[T/C]	1067295000
Ca_Kabuli_NC_021163.1_8776321	Ca_kabuli_chr04	8776321	[C/A]	1067295001
Ca_Kabuli_NC_021163.1_8776322	Ca_kabuli_chr04	8776322	[T/G]	1067295002
Ca_Kabuli_NC_021163.1_8776323	Ca_kabuli_chr04	8776323	[T/A]	1067295003
Ca_Kabuli_NC_021163.1_8776324	Ca_kabuli_chr04	8776324	[C/T]	1067295004
Ca_Kabuli_NC_021163.1_8777418	Ca_kabuli_chr04	8777418	[T/C]	1067295005
Ca_Kabuli_NC_021163.1_8782609	Ca_kabuli_chr04	8782609	[C/T]	1067295006
Ca_Kabuli_NC_021163.1_8783887	Ca_kabuli_chr04	8783887	[G/A]	1067295007
Ca_Kabuli_NC_021163.1_8791636	Ca_kabuli_chr04	8791636	[A/C]	1067295008
Ca_Kabuli_NC_021163.1_8791651	Ca_kabuli_chr04	8791651	[A/C]	1067295009
Ca_Kabuli_NC_021163.1_8805116	Ca_kabuli_chr04	8805116	[C/T]	1067295010
Ca_Kabuli_NC_021163.1_8805504	Ca_kabuli_chr04	8805504	[G/A]	1067295011
Ca_Kabuli_NC_021163.1_8805667	Ca_kabuli_chr04	8805667	[T/C]	1067295012
Ca_Kabuli_NC_021163.1_8805839	Ca_kabuli_chr04	8805839	[A/G]	1067295013
Ca_Kabuli_NC_021163.1_8805867	Ca_kabuli_chr04	8805867	[C/A]	1067295014
Ca_Kabuli_NC_021163.1_8806078	Ca_kabuli_chr04	8806078	[A/G]	1067295015
Ca_Kabuli_NC_021163.1_8806108	Ca_kabuli_chr04	8806108	[T/C]	1067295016
Ca_Kabuli_NC_021163.1_8806137	Ca_kabuli_chr04	8806137	[T/C]	1067295017
Ca_Kabuli_NC_021163.1_8809411	Ca_kabuli_chr04	8809411	[A/C]	1067295018
Ca_Kabuli_NC_021163.1_8844835	Ca_kabuli_chr04	8844835	[A/G]	1067295019
Ca_Kabuli_NC_021163.1_8845593	Ca_kabuli_chr04	8845593	[T/G]	1067295020
Ca_Kabuli_NC_021163.1_8845663	Ca_kabuli_chr04	8845663	[A/G]	1067295021
Ca_Kabuli_NC_021163.1_8848673	Ca_kabuli_chr04	8848673	[T/C]	1067295022



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_8848689	Ca_kabuli_chr04	8848689	[A/C]	1067295023
Ca_Kabuli_NC_021163.1_8849693	Ca_kabuli_chr04	8849693	[A/T]	1067295024
Ca_Kabuli_NC_021163.1_8852420	Ca_kabuli_chr04	8852420	[C/T]	1067295025
Ca_Kabuli_NC_021163.1_8865427	Ca_kabuli_chr04	8865427	[A/G]	1067295026
Ca_Kabuli_NC_021163.1_8919168	Ca_kabuli_chr04	8919168	[A/T]	1067295027
Ca_Kabuli_NC_021163.1_8919205	Ca_kabuli_chr04	8919205	[A/T]	1067295028
Ca_Kabuli_NC_021163.1_8919209	Ca_kabuli_chr04	8919209	[A/G]	1067295029
Ca_Kabuli_NC_021163.1_8919223	Ca_kabuli_chr04	8919223	[T/C]	1067295030
Ca_Kabuli_NC_021163.1_8919308	Ca_kabuli_chr04	8919308	[A/C]	1067295031
Ca_Kabuli_NC_021163.1_8919332	Ca_kabuli_chr04	8919332	[A/G]	1067295032
Ca_Kabuli_NC_021163.1_8919427	Ca_kabuli_chr04	8919427	[A/C]	1067295033
Ca_Kabuli_NC_021163.1_8922803	Ca_kabuli_chr04	8922803	[A/C]	1067295034
Ca_Kabuli_NC_021163.1_8926390	Ca_kabuli_chr04	8926390	[C/A]	1067295035
Ca_Kabuli_NC_021163.1_8952820	Ca_kabuli_chr04	8952820	[T/G]	1067295036
Ca_Kabuli_NC_021163.1_8986026	Ca_kabuli_chr04	8986026	[T/A]	1067295037
Ca_Kabuli_NC_021163.1_8986274	Ca_kabuli_chr04	8986274	[A/C]	1067295038
Ca_Kabuli_NC_021163.1_9075516	Ca_kabuli_chr04	9075516	[T/C]	1067295039
Ca_Kabuli_NC_021163.1_9075538	Ca_kabuli_chr04	9075538	[T/G]	1067295040
Ca_Kabuli_NC_021163.1_9075543	Ca_kabuli_chr04	9075543	[T/G]	1067295041
Ca_Kabuli_NC_021163.1_9075565	Ca_kabuli_chr04	9075565	[A/G]	1067295042
Ca_Kabuli_NC_021163.1_9075592	Ca_kabuli_chr04	9075592	[A/G]	1067295043
Ca_Kabuli_NC_021163.1_9096853	Ca_kabuli_chr04	9096853	[A/C]	1067295044
Ca_Kabuli_NC_021163.1_9099191	Ca_kabuli_chr04	9099191	[T/G]	1067295045
Ca_Kabuli_NC_021163.1_9115267	Ca_kabuli_chr04	9115267	[T/C]	1067295046
Ca_Kabuli_NC_021163.1_9115502	Ca_kabuli_chr04	9115502	[T/C]	1067295047
Ca_Kabuli_NC_021163.1_9115563	Ca_kabuli_chr04	9115563	[A/G]	1067295048
Ca_Kabuli_NC_021163.1_9187861	Ca_kabuli_chr04	9187861	[T/C]	1067295049
Ca_Kabuli_NC_021163.1_9243289	Ca_kabuli_chr04	9243289	[A/C]	1067295050
Ca_Kabuli_NC_021163.1_9243310	Ca_kabuli_chr04	9243310	[A/T]	1067295051
Ca_Kabuli_NC_021163.1_9250479	Ca_kabuli_chr04	9250479	[A/G]	1067295052
Ca_Kabuli_NC_021163.1_9250487	Ca_kabuli_chr04	9250487	[A/C]	1067295053
Ca_Kabuli_NC_021163.1_9325185	Ca_kabuli_chr04	9325185	[T/A]	1067295054
Ca_Kabuli_NC_021163.1_9325208	Ca_kabuli_chr04	9325208	[A/C]	1067295055
Ca_Kabuli_NC_021163.1_9325219	Ca_kabuli_chr04	9325219	[T/C]	1067295056

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_9331930	Ca_kabuli_chr04	9331930	[A/T]	1067295057
Ca_Kabuli_NC_021163.1_9331931	Ca_kabuli_chr04	9331931	[T/A]	1067295058
Ca_Kabuli_NC_021163.1_9404962	Ca_kabuli_chr04	9404962	[A/C]	1067295059
Ca_Kabuli_NC_021163.1_9451895	Ca_kabuli_chr04	9451895	[T/A]	1067295060
Ca_Kabuli_NC_021163.1_9451905	Ca_kabuli_chr04	9451905	[T/G]	1067295061
Ca_Kabuli_NC_021163.1_9498227	Ca_kabuli_chr04	9498227	[A/C]	1067295062
Ca_Kabuli_NC_021163.1_9498228	Ca_kabuli_chr04	9498228	[C/T]	1067295063
Ca_Kabuli_NC_021163.1_9541066	Ca_kabuli_chr04	9541066	[A/C]	1067295064
Ca_Kabuli_NC_021163.1_9541081	Ca_kabuli_chr04	9541081	[T/G]	1067295065
Ca_Kabuli_NC_021163.1_9541086	Ca_kabuli_chr04	9541086	[T/C]	1067295066
Ca_Kabuli_NC_021163.1_9580315	Ca_kabuli_chr04	9580315	[T/C]	1067295067
Ca_Kabuli_NC_021163.1_9580349	Ca_kabuli_chr04	9580349	[T/C]	1067295068
Ca_Kabuli_NC_021163.1_9580351	Ca_kabuli_chr04	9580351	[A/T]	1067295069
Ca_Kabuli_NC_021163.1_9580421	Ca_kabuli_chr04	9580421	[A/G]	1067295070
Ca_Kabuli_NC_021163.1_9611920	Ca_kabuli_chr04	9611920	[T/A]	1067295071
Ca_Kabuli_NC_021163.1_9661566	Ca_kabuli_chr04	9661566	[T/A]	1067295072
Ca_Kabuli_NC_021163.1_9803227	Ca_kabuli_chr04	9803227	[C/T]	1067295073
Ca_Kabuli_NC_021163.1_9803230	Ca_kabuli_chr04	9803230	[C/T]	1067295074
Ca_Kabuli_NC_021163.1_9823199	Ca_kabuli_chr04	9823199	[T/C]	1067295075
Ca_Kabuli_NC_021163.1_9840885	Ca_kabuli_chr04	9840885	[T/C]	1067295076
Ca_Kabuli_NC_021163.1_9908004	Ca_kabuli_chr04	9908004	[A/T]	1067295077
Ca_Kabuli_NC_021163.1_9908049	Ca_kabuli_chr04	9908049	[A/T]	1067295078
Ca_Kabuli_NC_021163.1_9908096	Ca_kabuli_chr04	9908096	[T/G]	1067295079
Ca_Kabuli_NC_021163.1_9908280	Ca_kabuli_chr04	9908280	[T/C]	1067295080
Ca_Kabuli_NC_021163.1_9908289	Ca_kabuli_chr04	9908289	[T/C]	1067295081
Ca_Kabuli_NC_021163.1_9908305	Ca_kabuli_chr04	9908305	[A/T]	1067295082
Ca_Kabuli_NC_021163.1_9908336	Ca_kabuli_chr04	9908336	[A/G]	1067295083
Ca_Kabuli_NC_021163.1_9908346	Ca_kabuli_chr04	9908346	[A/G]	1067295084
Ca_Kabuli_NC_021163.1_9976026	Ca_kabuli_chr04	9976026	[A/G]	1067295085
Ca_Kabuli_NC_021163.1_9980947	Ca_kabuli_chr04	9980947	[A/G]	1067295086
Ca_Kabuli_NC_021163.1_9980957	Ca_kabuli_chr04	9980957	[A/G]	1067295087
Ca_Kabuli_NC_021163.1_9980959	Ca_kabuli_chr04	9980959	[A/C]	1067295088
Ca_Kabuli_NC_021163.1_9980970	Ca_kabuli_chr04	9980970	[T/A]	1067295089
Ca_Kabuli_NC_021163.1_10007142	Ca_kabuli_chr04	10007142	[A/G]	1067295090

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_10024207	Ca_kabuli_chr04	10024207	[T/A]	1067295092
Ca_Kabuli_NC_021163.1_10024246	Ca_kabuli_chr04	10024246	[A/G]	1067295093
Ca_Kabuli_NC_021163.1_10026849	Ca_kabuli_chr04	10026849	[A/C]	1067295094
Ca_Kabuli_NC_021163.1_10026868	Ca_kabuli_chr04	10026868	[A/G]	1067295095
Ca_Kabuli_NC_021163.1_10049947	Ca_kabuli_chr04	10049947	[T/C]	1067295096
Ca_Kabuli_NC_021163.1_10049951	Ca_kabuli_chr04	10049951	[A/C]	1067295097
Ca_Kabuli_NC_021163.1_10049963	Ca_kabuli_chr04	10049963	[A/C]	1067295098
Ca_Kabuli_NC_021163.1_10049980	Ca_kabuli_chr04	10049980	[A/G]	1067295099
Ca_Kabuli_NC_021163.1_10053932	Ca_kabuli_chr04	10053932	[A/T]	1067295100
Ca_Kabuli_NC_021163.1_10053933	Ca_kabuli_chr04	10053933	[G/C]	1067295101
Ca_Kabuli_NC_021163.1_10053934	Ca_kabuli_chr04	10053934	[G/T]	1067295102
Ca_Kabuli_NC_021163.1_10082251	Ca_kabuli_chr04	10082251	[T/C]	1067295103
Ca_Kabuli_NC_021163.1_10151639	Ca_kabuli_chr04	10151639	[T/G]	1067295104
Ca_Kabuli_NC_021163.1_10151684	Ca_kabuli_chr04	10151684	[A/C]	1067295105
Ca_Kabuli_NC_021163.1_10151688	Ca_kabuli_chr04	10151688	[A/C]	1067295106
Ca_Kabuli_NC_021163.1_10152130	Ca_kabuli_chr04	10152130	[T/G]	1067295107
Ca_Kabuli_NC_021163.1_10152160	Ca_kabuli_chr04	10152160	[A/C]	1067295108
Ca_Kabuli_NC_021163.1_10184474	Ca_kabuli_chr04	10184474	[T/G]	1067295109
Ca_Kabuli_NC_021163.1_10200521	Ca_kabuli_chr04	10200521	[C/A]	1067295110
Ca_Kabuli_NC_021163.1_10200523	Ca_kabuli_chr04	10200523	[A/C]	1067295111
Ca_Kabuli_NC_021163.1_10205223	Ca_kabuli_chr04	10205223	[T/C]	1067295112
Ca_Kabuli_NC_021163.1_10236946	Ca_kabuli_chr04	10236946	[T/C]	1067295113
Ca_Kabuli_NC_021163.1_10236955	Ca_kabuli_chr04	10236955	[T/C]	1067295114
Ca_Kabuli_NC_021163.1_10236977	Ca_kabuli_chr04	10236977	[A/C]	1067295115
Ca_Kabuli_NC_021163.1_10236987	Ca_kabuli_chr04	10236987	[A/C]	1067295116
Ca_Kabuli_NC_021163.1_10305241	Ca_kabuli_chr04	10305241	[T/A]	1067295117
Ca_Kabuli_NC_021163.1_10305261	Ca_kabuli_chr04	10305261	[A/C]	1067295118
Ca_Kabuli_NC_021163.1_10355491	Ca_kabuli_chr04	10355491	[T/C]	1067295119
Ca_Kabuli_NC_021163.1_10355514	Ca_kabuli_chr04	10355514	[A/T]	1067295120
Ca_Kabuli_NC_021163.1_10355527	Ca_kabuli_chr04	10355527	[T/A]	1067295121
Ca_Kabuli_NC_021163.1_10355547	Ca_kabuli_chr04	10355547	[A/T]	1067295122
Ca_Kabuli_NC_021163.1_10355549	Ca_kabuli_chr04	10355549	[A/C]	1067295123
Ca_Kabuli_NC_021163.1_10419430	Ca_kabuli_chr04	10419430	[T/C]	1067295124

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_10422406	Ca_kabuli_chr04	10422406	[T/C]	1067295126
Ca_Kabuli_NC_021163.1_10430193	Ca_kabuli_chr04	10430193	[A/G]	1067295127
Ca_Kabuli_NC_021163.1_10430603	Ca_kabuli_chr04	10430603	[G/A]	1067295128
Ca_Kabuli_NC_021163.1_10430613	Ca_kabuli_chr04	10430613	[C/A]	1067295129
Ca_Kabuli_NC_021163.1_10430617	Ca_kabuli_chr04	10430617	[A/C]	1067295130
Ca_Kabuli_NC_021163.1_10430622	Ca_kabuli_chr04	10430622	[A/C]	1067295131
Ca_Kabuli_NC_021163.1_10434774	Ca_kabuli_chr04	10434774	[T/A]	1067295132
Ca_Kabuli_NC_021163.1_10475828	Ca_kabuli_chr04	10475828	[A/T]	1067295133
Ca_Kabuli_NC_021163.1_10475829	Ca_kabuli_chr04	10475829	[A/C]	1067295134
Ca_Kabuli_NC_021163.1_10475830	Ca_kabuli_chr04	10475830	[G/T]	1067295135
Ca_Kabuli_NC_021163.1_10547652	Ca_kabuli_chr04	10547652	[A/T]	1067295136
Ca_Kabuli_NC_021163.1_10547674	Ca_kabuli_chr04	10547674	[A/T]	1067295137
Ca_Kabuli_NC_021163.1_10595816	Ca_kabuli_chr04	10595816	[A/C]	1067295138
Ca_Kabuli_NC_021163.1_10595824	Ca_kabuli_chr04	10595824	[A/C]	1067295139
Ca_Kabuli_NC_021163.1_10601686	Ca_kabuli_chr04	10601686	[A/C]	1067295140
Ca_Kabuli_NC_021163.1_10643322	Ca_kabuli_chr04	10643322	[G/A]	1067295141
Ca_Kabuli_NC_021163.1_10643323	Ca_kabuli_chr04	10643323	[A/G]	1067295142
Ca_Kabuli_NC_021163.1_10643425	Ca_kabuli_chr04	10643425	[A/T]	1067295143
Ca_Kabuli_NC_021163.1_10645995	Ca_kabuli_chr04	10645995	[A/T]	1067295144
Ca_Kabuli_NC_021163.1_10917698	Ca_kabuli_chr04	10917698	[A/G]	1067295145
Ca_Kabuli_NC_021163.1_10917706	Ca_kabuli_chr04	10917706	[A/T]	1067295146
Ca_Kabuli_NC_021163.1_10917734	Ca_kabuli_chr04	10917734	[A/G]	1067295147
Ca_Kabuli_NC_021163.1_10950829	Ca_kabuli_chr04	10950829	[A/C]	1067295148
Ca_Kabuli_NC_021163.1_10971334	Ca_kabuli_chr04	10971334	[A/T]	1067295149
Ca_Kabuli_NC_021163.1_10991873	Ca_kabuli_chr04	10991873	[A/C]	1067295150
Ca_Kabuli_NC_021163.1_11040063	Ca_kabuli_chr04	11040063	[T/C]	1067295151
Ca_Kabuli_NC_021163.1_11040087	Ca_kabuli_chr04	11040087	[T/G]	1067295152
Ca_Kabuli_NC_021163.1_11041726	Ca_kabuli_chr04	11041726	[A/G]	1067295153
Ca_Kabuli_NC_021163.1_11041734	Ca_kabuli_chr04	11041734	[T/C]	1067295154
Ca_Kabuli_NC_021163.1_11041765	Ca_kabuli_chr04	11041765	[T/C]	1067295155
Ca_Kabuli_NC_021163.1_11051314	Ca_kabuli_chr04	11051314	[A/C]	1067295156
Ca_Kabuli_NC_021163.1_11051318	Ca_kabuli_chr04	11051318	[T/C]	1067295157
Ca_Kabuli_NC_021163.1_11051330	Ca_kabuli_chr04	11051330	[A/G]	1067295158

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_11051349	Ca_kabuli_chr04	11051349	[A/C]	1067295160
Ca_Kabuli_NC_021163.1_11059414	Ca_kabuli_chr04	11059414	[T/G]	1067295161
Ca_Kabuli_NC_021163.1_11111630	Ca_kabuli_chr04	11111630	[T/G]	1067295162
Ca_Kabuli_NC_021163.1_11111662	Ca_kabuli_chr04	11111662	[T/G]	1067295163
Ca_Kabuli_NC_021163.1_11113204	Ca_kabuli_chr04	11113204	[T/G]	1067295164
Ca_Kabuli_NC_021163.1_11113225	Ca_kabuli_chr04	11113225	[G/T]	1067295165
Ca_Kabuli_NC_021163.1_11114238	Ca_kabuli_chr04	11114238	[T/C]	1067295166
Ca_Kabuli_NC_021163.1_11114250	Ca_kabuli_chr04	11114250	[T/C]	1067295167
Ca_Kabuli_NC_021163.1_11142264	Ca_kabuli_chr04	11142264	[A/G]	1067295168
Ca_Kabuli_NC_021163.1_11196786	Ca_kabuli_chr04	11196786	[A/C]	1067295169
Ca_Kabuli_NC_021163.1_11212154	Ca_kabuli_chr04	11212154	[T/C]	1067295170
Ca_Kabuli_NC_021163.1_11212351	Ca_kabuli_chr04	11212351	[C/T]	1067295171
Ca_Kabuli_NC_021163.1_11230372	Ca_kabuli_chr04	11230372	[A/C]	1067295172
Ca_Kabuli_NC_021163.1_11230387	Ca_kabuli_chr04	11230387	[A/C]	1067295173
Ca_Kabuli_NC_021163.1_11230431	Ca_kabuli_chr04	11230431	[A/C]	1067295174
Ca_Kabuli_NC_021163.1_11230443	Ca_kabuli_chr04	11230443	[A/G]	1067295175
Ca_Kabuli_NC_021163.1_11231056	Ca_kabuli_chr04	11231056	[T/C]	1067295176
Ca_Kabuli_NC_021163.1_11231079	Ca_kabuli_chr04	11231079	[A/G]	1067295177
Ca_Kabuli_NC_021163.1_11231087	Ca_kabuli_chr04	11231087	[T/C]	1067295178
Ca_Kabuli_NC_021163.1_11231129	Ca_kabuli_chr04	11231129	[T/A]	1067295179
Ca_Kabuli_NC_021163.1_11231131	Ca_kabuli_chr04	11231131	[A/G]	1067295180
Ca_Kabuli_NC_021163.1_11231135	Ca_kabuli_chr04	11231135	[T/C]	1067295181
Ca_Kabuli_NC_021163.1_11231137	Ca_kabuli_chr04	11231137	[G/A]	1067295182
Ca_Kabuli_NC_021163.1_11231142	Ca_kabuli_chr04	11231142	[G/A]	1067295183
Ca_Kabuli_NC_021163.1_11231162	Ca_kabuli_chr04	11231162	[A/G]	1067295184
Ca_Kabuli_NC_021163.1_11231185	Ca_kabuli_chr04	11231185	[T/C]	1067295185
Ca_Kabuli_NC_021163.1_11243872	Ca_kabuli_chr04	11243872	[T/C]	1067295186
Ca_Kabuli_NC_021163.1_11243888	Ca_kabuli_chr04	11243888	[G/A]	1067295187
Ca_Kabuli_NC_021163.1_11244334	Ca_kabuli_chr04	11244334	[G/T]	1067295188
Ca_Kabuli_NC_021163.1_11244395	Ca_kabuli_chr04	11244395	[T/G]	1067295189
Ca_Kabuli_NC_021163.1_11246093	Ca_kabuli_chr04	11246093	[A/G]	1067295190
Ca_Kabuli_NC_021163.1_11246164	Ca_kabuli_chr04	11246164	[A/G]	1067295191
Ca_Kabuli_NC_021163.1_11246173	Ca_kabuli_chr04	11246173	[T/C]	1067295192

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_11248605	Ca_kabuli_chr04	11248605	[A/T]	1067295193
Ca_Kabuli_NC_021163.1_11257588	Ca_kabuli_chr04	11257588	[C/T]	1067295194
Ca_Kabuli_NC_021163.1_11272888	Ca_kabuli_chr04	11272888	[C/T]	1067295195
Ca_Kabuli_NC_021163.1_11272904	Ca_kabuli_chr04	11272904	[C/A]	1067295196
Ca_Kabuli_NC_021163.1_11273328	Ca_kabuli_chr04	11273328	[T/C]	1067295197
Ca_Kabuli_NC_021163.1_11273405	Ca_kabuli_chr04	11273405	[T/A]	1067295198
Ca_Kabuli_NC_021163.1_11274281	Ca_kabuli_chr04	11274281	[C/T]	1067295199
Ca_Kabuli_NC_021163.1_11276140	Ca_kabuli_chr04	11276140	[A/G]	1067295200
Ca_Kabuli_NC_021163.1_11276166	Ca_kabuli_chr04	11276166	[A/G]	1067295201
Ca_Kabuli_NC_021163.1_11276186	Ca_kabuli_chr04	11276186	[T/C]	1067295202
Ca_Kabuli_NC_021163.1_11276225	Ca_kabuli_chr04	11276225	[T/C]	1067295203
Ca_Kabuli_NC_021163.1_11276413	Ca_kabuli_chr04	11276413	[C/G]	1067295204
Ca_Kabuli_NC_021163.1_11277138	Ca_kabuli_chr04	11277138	[G/A]	1067295205
Ca_Kabuli_NC_021163.1_11277513	Ca_kabuli_chr04	11277513	[T/C]	1067295206
Ca_Kabuli_NC_021163.1_11277574	Ca_kabuli_chr04	11277574	[C/G]	1067295207
Ca_Kabuli_NC_021163.1_11305651	Ca_kabuli_chr04	11305651	[T/A]	1067295208
Ca_Kabuli_NC_021163.1_11328227	Ca_kabuli_chr04	11328227	[G/T]	1067295209
Ca_Kabuli_NC_021163.1_11333394	Ca_kabuli_chr04	11333394	[G/C]	1067295210
Ca_Kabuli_NC_021163.1_11343230	Ca_kabuli_chr04	11343230	[C/G]	1067295211
Ca_Kabuli_NC_021163.1_11343257	Ca_kabuli_chr04	11343257	[C/T]	1067295212
Ca_Kabuli_NC_021163.1_11398889	Ca_kabuli_chr04	11398889	[G/A]	1067295213
Ca_Kabuli_NC_021163.1_11410315	Ca_kabuli_chr04	11410315	[A/C]	1067295214
Ca_Kabuli_NC_021163.1_11414502	Ca_kabuli_chr04	11414502	[A/C]	1067295215
Ca_Kabuli_NC_021163.1_11414537	Ca_kabuli_chr04	11414537	[A/T]	1067295216
Ca_Kabuli_NC_021163.1_11435253	Ca_kabuli_chr04	11435253	[G/T]	1067295217
Ca_Kabuli_NC_021163.1_11435255	Ca_kabuli_chr04	11435255	[A/G]	1067295218
Ca_Kabuli_NC_021163.1_11435380	Ca_kabuli_chr04	11435380	[T/C]	1067295219
Ca_Kabuli_NC_021163.1_11435651	Ca_kabuli_chr04	11435651	[A/G]	1067295220
Ca_Kabuli_NC_021163.1_11440109	Ca_kabuli_chr04	11440109	[T/C]	1067295221
Ca_Kabuli_NC_021163.1_11441604	Ca_kabuli_chr04	11441604	[A/T]	1067295222
Ca_Kabuli_NC_021163.1_11441673	Ca_kabuli_chr04	11441673	[A/G]	1067295223
Ca_Kabuli_NC_021163.1_11441735	Ca_kabuli_chr04	11441735	[T/G]	1067295224
Ca_Kabuli_NC_021163.1_11465057	Ca_kabuli_chr04	11465057	[G/C]	1067295225
Ca_Kabuli_NC_021163.1_11465075	Ca_kabuli_chr04	11465075	[C/T]	1067295226

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_11490100	Ca_kabuli_chr04	11490100	[T/C]	1067295227
Ca_Kabuli_NC_021163.1_11490155	Ca_kabuli_chr04	11490155	[A/G]	1067295228
Ca_Kabuli_NC_021163.1_11490159	Ca_kabuli_chr04	11490159	[A/G]	1067295229
Ca_Kabuli_NC_021163.1_11490192	Ca_kabuli_chr04	11490192	[A/G]	1067295230
Ca_Kabuli_NC_021163.1_11490496	Ca_kabuli_chr04	11490496	[G/A]	1067295231
Ca_Kabuli_NC_021163.1_11491021	Ca_kabuli_chr04	11491021	[G/A]	1067295232
Ca_Kabuli_NC_021163.1_11491864	Ca_kabuli_chr04	11491864	[C/A]	1067295233
Ca_Kabuli_NC_021163.1_11517517	Ca_kabuli_chr04	11517517	[A/C]	1067295234
Ca_Kabuli_NC_021163.1_11517565	Ca_kabuli_chr04	11517565	[A/T]	1067295235
Ca_Kabuli_NC_021163.1_11547141	Ca_kabuli_chr04	11547141	[A/C]	1067295236
Ca_Kabuli_NC_021163.1_11645662	Ca_kabuli_chr04	11645662	[A/G]	1067295237
Ca_Kabuli_NC_021163.1_11645683	Ca_kabuli_chr04	11645683	[A/G]	1067295238
Ca_Kabuli_NC_021163.1_11645733	Ca_kabuli_chr04	11645733	[A/G]	1067295239
Ca_Kabuli_NC_021163.1_11645828	Ca_kabuli_chr04	11645828	[T/G]	1067295240
Ca_Kabuli_NC_021163.1_11646345	Ca_kabuli_chr04	11646345	[A/C]	1067295241
Ca_Kabuli_NC_021163.1_11648201	Ca_kabuli_chr04	11648201	[A/C]	1067295242
Ca_Kabuli_NC_021163.1_11745632	Ca_kabuli_chr04	11745632	[A/G]	1067295243
Ca_Kabuli_NC_021163.1_11771986	Ca_kabuli_chr04	11771986	[A/T]	1067295244
Ca_Kabuli_NC_021163.1_11772008	Ca_kabuli_chr04	11772008	[A/C]	1067295245
Ca_Kabuli_NC_021163.1_11772025	Ca_kabuli_chr04	11772025	[T/G]	1067295246
Ca_Kabuli_NC_021163.1_11825176	Ca_kabuli_chr04	11825176	[T/G]	1067295247
Ca_Kabuli_NC_021163.1_11923283	Ca_kabuli_chr04	11923283	[A/G]	1067295248
Ca_Kabuli_NC_021163.1_11923288	Ca_kabuli_chr04	11923288	[A/G]	1067295249
Ca_Kabuli_NC_021163.1_11951124	Ca_kabuli_chr04	11951124	[T/G]	1067295250
Ca_Kabuli_NC_021163.1_11951399	Ca_kabuli_chr04	11951399	[T/C]	1067295251
Ca_Kabuli_NC_021163.1_11951415	Ca_kabuli_chr04	11951415	[A/C]	1067295252
Ca_Kabuli_NC_021163.1_11985461	Ca_kabuli_chr04	11985461	[A/C]	1067295253
Ca_Kabuli_NC_021163.1_11985676	Ca_kabuli_chr04	11985676	[T/C]	1067295254
Ca_Kabuli_NC_021163.1_11985713	Ca_kabuli_chr04	11985713	[T/C]	1067295255
Ca_Kabuli_NC_021163.1_11985720	Ca_kabuli_chr04	11985720	[A/G]	1067295256
Ca_Kabuli_NC_021163.1_12004205	Ca_kabuli_chr04	12004205	[A/C]	1067295257
Ca_Kabuli_NC_021163.1_12004209	Ca_kabuli_chr04	12004209	[C/T]	1067295258
Ca_Kabuli_NC_021163.1_12156799	Ca_kabuli_chr04	12156799	[T/C]	1067295259
Ca_Kabuli_NC_021163.1_12156812	Ca_kabuli_chr04	12156812	[T/C]	1067295260

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_12156821	Ca_kabuli_chr04	12156821	[A/G]	1067295261
Ca_Kabuli_NC_021163.1_12156835	Ca_kabuli_chr04	12156835	[G/A]	1067295262
Ca_Kabuli_NC_021163.1_12156840	Ca_kabuli_chr04	12156840	[T/G]	1067295263
Ca_Kabuli_NC_021163.1_12156855	Ca_kabuli_chr04	12156855	[T/A]	1067295264
Ca_Kabuli_NC_021163.1_12162780	Ca_kabuli_chr04	12162780	[A/G]	1067295265
Ca_Kabuli_NC_021163.1_12162794	Ca_kabuli_chr04	12162794	[T/C]	1067295266
Ca_Kabuli_NC_021163.1_12162806	Ca_kabuli_chr04	12162806	[A/G]	1067295267
Ca_Kabuli_NC_021163.1_12167568	Ca_kabuli_chr04	12167568	[A/G]	1067295268
Ca_Kabuli_NC_021163.1_12170567	Ca_kabuli_chr04	12170567	[C/A]	1067295269
Ca_Kabuli_NC_021163.1_12170568	Ca_kabuli_chr04	12170568	[T/G]	1067295270
Ca_Kabuli_NC_021163.1_12175299	Ca_kabuli_chr04	12175299	[A/C]	1067295271
Ca_Kabuli_NC_021163.1_12175301	Ca_kabuli_chr04	12175301	[A/T]	1067295272
Ca_Kabuli_NC_021163.1_12175302	Ca_kabuli_chr04	12175302	[G/T]	1067295273
Ca_Kabuli_NC_021163.1_12249389	Ca_kabuli_chr04	12249389	[T/C]	1067295274
Ca_Kabuli_NC_021163.1_12249407	Ca_kabuli_chr04	12249407	[A/G]	1067295275
Ca_Kabuli_NC_021163.1_12249474	Ca_kabuli_chr04	12249474	[T/G]	1067295276
Ca_Kabuli_NC_021163.1_12305192	Ca_kabuli_chr04	12305192	[T/A]	1067295277
Ca_Kabuli_NC_021163.1_12305208	Ca_kabuli_chr04	12305208	[C/A]	1067295278
Ca_Kabuli_NC_021163.1_12305216	Ca_kabuli_chr04	12305216	[A/C]	1067295279
Ca_Kabuli_NC_021163.1_12305234	Ca_kabuli_chr04	12305234	[A/C]	1067295280
Ca_Kabuli_NC_021163.1_12316617	Ca_kabuli_chr04	12316617	[G/A]	1067295281
Ca_Kabuli_NC_021163.1_12431831	Ca_kabuli_chr04	12431831	[T/G]	1067295282
Ca_Kabuli_NC_021163.1_12431864	Ca_kabuli_chr04	12431864	[T/G]	1067295283
Ca_Kabuli_NC_021163.1_12462635	Ca_kabuli_chr04	12462635	[A/G]	1067295284
Ca_Kabuli_NC_021163.1_12462644	Ca_kabuli_chr04	12462644	[C/T]	1067295285
Ca_Kabuli_NC_021163.1_12484911	Ca_kabuli_chr04	12484911	[A/T]	1067295286
Ca_Kabuli_NC_021163.1_12490280	Ca_kabuli_chr04	12490280	[G/A]	1067295287
Ca_Kabuli_NC_021163.1_12506450	Ca_kabuli_chr04	12506450	[T/A]	1067295288
Ca_Kabuli_NC_021163.1_12525328	Ca_kabuli_chr04	12525328	[G/A]	1067295289
Ca_Kabuli_NC_021163.1_12525639	Ca_kabuli_chr04	12525639	[T/A]	1067295290
Ca_Kabuli_NC_021163.1_12526606	Ca_kabuli_chr04	12526606	[G/T]	1067295291
Ca_Kabuli_NC_021163.1_12533089	Ca_kabuli_chr04	12533089	[A/G]	1067295292
Ca_Kabuli_NC_021163.1_12534847	Ca_kabuli_chr04	12534847	[C/T]	1067295293
Ca_Kabuli_NC_021163.1_12558541	Ca_kabuli_chr04	12558541	[C/T]	1067295294



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_12558680	Ca_kabuli_chr04	12558680	[C/T]	1067295295
Ca_Kabuli_NC_021163.1_12568599	Ca_kabuli_chr04	12568599	[A/G]	1067295296
Ca_Kabuli_NC_021163.1_12568602	Ca_kabuli_chr04	12568602	[C/T]	1067295297
Ca_Kabuli_NC_021163.1_12568707	Ca_kabuli_chr04	12568707	[A/G]	1067295298
Ca_Kabuli_NC_021163.1_12568845	Ca_kabuli_chr04	12568845	[G/T]	1067295299
Ca_Kabuli_NC_021163.1_12568905	Ca_kabuli_chr04	12568905	[G/A]	1067295300
Ca_Kabuli_NC_021163.1_12578606	Ca_kabuli_chr04	12578606	[A/T]	1067295301
Ca_Kabuli_NC_021163.1_12578627	Ca_kabuli_chr04	12578627	[T/C]	1067295302
Ca_Kabuli_NC_021163.1_12581371	Ca_kabuli_chr04	12581371	[G/T]	1067295303
Ca_Kabuli_NC_021163.1_12581403	Ca_kabuli_chr04	12581403	[A/G]	1067295304
Ca_Kabuli_NC_021163.1_12581430	Ca_kabuli_chr04	12581430	[A/C]	1067295305
Ca_Kabuli_NC_021163.1_12581457	Ca_kabuli_chr04	12581457	[A/G]	1067295306
Ca_Kabuli_NC_021163.1_12581461	Ca_kabuli_chr04	12581461	[A/G]	1067295307
Ca_Kabuli_NC_021163.1_12581711	Ca_kabuli_chr04	12581711	[T/G]	1067295308
Ca_Kabuli_NC_021163.1_12609670	Ca_kabuli_chr04	12609670	[A/C]	1067295309
Ca_Kabuli_NC_021163.1_12609673	Ca_kabuli_chr04	12609673	[C/G]	1067295310
Ca_Kabuli_NC_021163.1_12661547	Ca_kabuli_chr04	12661547	[A/G]	1067295311
Ca_Kabuli_NC_021163.1_12661585	Ca_kabuli_chr04	12661585	[A/G]	1067295312
Ca_Kabuli_NC_021163.1_12706307	Ca_kabuli_chr04	12706307	[T/G]	1067295313
Ca_Kabuli_NC_021163.1_12740322	Ca_kabuli_chr04	12740322	[T/G]	1067295314
Ca_Kabuli_NC_021163.1_12744974	Ca_kabuli_chr04	12744974	[T/C]	1067295315
Ca_Kabuli_NC_021163.1_12744984	Ca_kabuli_chr04	12744984	[T/G]	1067295316
Ca_Kabuli_NC_021163.1_12745003	Ca_kabuli_chr04	12745003	[T/G]	1067295317
Ca_Kabuli_NC_021163.1_12745010	Ca_kabuli_chr04	12745010	[A/G]	1067295318
Ca_Kabuli_NC_021163.1_12854305	Ca_kabuli_chr04	12854305	[T/G]	1067295319
Ca_Kabuli_NC_021163.1_12854341	Ca_kabuli_chr04	12854341	[T/C]	1067295320
Ca_Kabuli_NC_021163.1_12869088	Ca_kabuli_chr04	12869088	[A/T]	1067295321
Ca_Kabuli_NC_021163.1_12879612	Ca_kabuli_chr04	12879612	[T/G]	1067295322
Ca_Kabuli_NC_021163.1_12879635	Ca_kabuli_chr04	12879635	[T/G]	1067295323
Ca_Kabuli_NC_021163.1_12879671	Ca_kabuli_chr04	12879671	[A/C]	1067295324
Ca_Kabuli_NC_021163.1_12949212	Ca_kabuli_chr04	12949212	[A/G]	1067295325
Ca_Kabuli_NC_021163.1_12973591	Ca_kabuli_chr04	12973591	[A/T]	1067295326
Ca_Kabuli_NC_021163.1_13018762	Ca_kabuli_chr04	13018762	[T/G]	1067295327
Ca_Kabuli_NC_021163.1_13018807	Ca_kabuli_chr04	13018807	[A/G]	1067295328

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_13063677	Ca_kabuli_chr04	13063677	[T/C]	1067295329
Ca_Kabuli_NC_021163.1_13063682	Ca_kabuli_chr04	13063682	[T/C]	1067295330
Ca_Kabuli_NC_021163.1_13063695	Ca_kabuli_chr04	13063695	[T/C]	1067295331
Ca_Kabuli_NC_021163.1_13063715	Ca_kabuli_chr04	13063715	[G/A]	1067295332
Ca_Kabuli_NC_021163.1_13063722	Ca_kabuli_chr04	13063722	[A/C]	1067295333
Ca_Kabuli_NC_021163.1_13063788	Ca_kabuli_chr04	13063788	[T/G]	1067295334
Ca_Kabuli_NC_021163.1_13063818	Ca_kabuli_chr04	13063818	[A/T]	1067295335
Ca_Kabuli_NC_021163.1_13071325	Ca_kabuli_chr04	13071325	[T/G]	1067295336
Ca_Kabuli_NC_021163.1_13072102	Ca_kabuli_chr04	13072102	[T/C]	1067295337
Ca_Kabuli_NC_021163.1_13072107	Ca_kabuli_chr04	13072107	[T/C]	1067295338
Ca_Kabuli_NC_021163.1_13072147	Ca_kabuli_chr04	13072147	[A/C]	1067295339
Ca_Kabuli_NC_021163.1_13072243	Ca_kabuli_chr04	13072243	[A/T]	1067295340
Ca_Kabuli_NC_021163.1_13103650	Ca_kabuli_chr04	13103650	[T/G]	1067295341
Ca_Kabuli_NC_021163.1_13282984	Ca_kabuli_chr04	13282984	[A/C]	1067295342
Ca_Kabuli_NC_021163.1_13283002	Ca_kabuli_chr04	13283002	[T/G]	1067295343
Ca_Kabuli_NC_021163.1_13283013	Ca_kabuli_chr04	13283013	[C/A]	1067295344
Ca_Kabuli_NC_021163.1_13296229	Ca_kabuli_chr04	13296229	[A/G]	1067295345
Ca_Kabuli_NC_021163.1_13296553	Ca_kabuli_chr04	13296553	[T/G]	1067295346
Ca_Kabuli_NC_021163.1_13297343	Ca_kabuli_chr04	13297343	[T/A]	1067295347
Ca_Kabuli_NC_021163.1_13297360	Ca_kabuli_chr04	13297360	[A/G]	1067295348
Ca_Kabuli_NC_021163.1_13376268	Ca_kabuli_chr04	13376268	[A/T]	1067295349
Ca_Kabuli_NC_021163.1_13376279	Ca_kabuli_chr04	13376279	[T/C]	1067295350
Ca_Kabuli_NC_021163.1_13376289	Ca_kabuli_chr04	13376289	[A/C]	1067295351
Ca_Kabuli_NC_021163.1_13376308	Ca_kabuli_chr04	13376308	[A/C]	1067295352
Ca_Kabuli_NC_021163.1_13376323	Ca_kabuli_chr04	13376323	[A/C]	1067295353
Ca_Kabuli_NC_021163.1_13376456	Ca_kabuli_chr04	13376456	[A/G]	1067295354
Ca_Kabuli_NC_021163.1_13406799	Ca_kabuli_chr04	13406799	[A/C]	1067295355
Ca_Kabuli_NC_021163.1_13414172	Ca_kabuli_chr04	13414172	[T/G]	1067295356
Ca_Kabuli_NC_021163.1_13462251	Ca_kabuli_chr04	13462251	[T/C]	1067295357
Ca_Kabuli_NC_021163.1_13462253	Ca_kabuli_chr04	13462253	[C/T]	1067295358
Ca_Kabuli_NC_021163.1_13500661	Ca_kabuli_chr04	13500661	[A/C]	1067295359
Ca_Kabuli_NC_021163.1_13500667	Ca_kabuli_chr04	13500667	[C/T]	1067295360
Ca_Kabuli_NC_021163.1_13500833	Ca_kabuli_chr04	13500833	[A/C]	1067295361
Ca_Kabuli_NC_021163.1_13500834	Ca_kabuli_chr04	13500834	[G/C]	1067295362

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_13500835	Ca_kabuli_chr04	13500835	[A/C]	1067295363
Ca_Kabuli_NC_021163.1_13566612	Ca_kabuli_chr04	13566612	[G/C]	1067295364
Ca_Kabuli_NC_021163.1_13566613	Ca_kabuli_chr04	13566613	[G/T]	1067295365
Ca_Kabuli_NC_021163.1_13587985	Ca_kabuli_chr04	13587985	[G/T]	1067295366
Ca_Kabuli_NC_021163.1_13588874	Ca_kabuli_chr04	13588874	[T/G]	1067295367
Ca_Kabuli_NC_021163.1_13588928	Ca_kabuli_chr04	13588928	[C/T]	1067295368
Ca_Kabuli_NC_021163.1_13588950	Ca_kabuli_chr04	13588950	[A/T]	1067295369
Ca_Kabuli_NC_021163.1_13588951	Ca_kabuli_chr04	13588951	[T/C]	1067295370
Ca_Kabuli_NC_021163.1_13588952	Ca_kabuli_chr04	13588952	[G/T]	1067295371
Ca_Kabuli_NC_021163.1_13588956	Ca_kabuli_chr04	13588956	[T/C]	1067295372
Ca_Kabuli_NC_021163.1_13589022	Ca_kabuli_chr04	13589022	[A/G]	1067295373
Ca_Kabuli_NC_021163.1_13589070	Ca_kabuli_chr04	13589070	[T/C]	1067295374
Ca_Kabuli_NC_021163.1_13589074	Ca_kabuli_chr04	13589074	[A/G]	1067295375
Ca_Kabuli_NC_021163.1_13641148	Ca_kabuli_chr04	13641148	[A/C]	1067295376
Ca_Kabuli_NC_021163.1_13643245	Ca_kabuli_chr04	13643245	[A/G]	1067295377
Ca_Kabuli_NC_021163.1_13646680	Ca_kabuli_chr04	13646680	[A/C]	1067295378
Ca_Kabuli_NC_021163.1_13646739	Ca_kabuli_chr04	13646739	[T/A]	1067295379
Ca_Kabuli_NC_021163.1_13646753	Ca_kabuli_chr04	13646753	[A/G]	1067295380
Ca_Kabuli_NC_021163.1_13646756	Ca_kabuli_chr04	13646756	[A/C]	1067295381
Ca_Kabuli_NC_021163.1_13646762	Ca_kabuli_chr04	13646762	[A/G]	1067295382
Ca_Kabuli_NC_021163.1_13646773	Ca_kabuli_chr04	13646773	[A/G]	1067295383
Ca_Kabuli_NC_021163.1_13660846	Ca_kabuli_chr04	13660846	[A/G]	1067295384
Ca_Kabuli_NC_021163.1_13687456	Ca_kabuli_chr04	13687456	[A/G]	1067295385
Ca_Kabuli_NC_021163.1_13687728	Ca_kabuli_chr04	13687728	[T/C]	1067295386
Ca_Kabuli_NC_021163.1_13697850	Ca_kabuli_chr04	13697850	[A/T]	1067295387
Ca_Kabuli_NC_021163.1_13697853	Ca_kabuli_chr04	13697853	[G/A]	1067295388
Ca_Kabuli_NC_021163.1_13697894	Ca_kabuli_chr04	13697894	[T/A]	1067295389
Ca_Kabuli_NC_021163.1_13699663	Ca_kabuli_chr04	13699663	[A/G]	1067295390
Ca_Kabuli_NC_021163.1_13702641	Ca_kabuli_chr04	13702641	[A/G]	1067295391
Ca_Kabuli_NC_021163.1_13704352	Ca_kabuli_chr04	13704352	[A/G]	1067295392
Ca_Kabuli_NC_021163.1_13713367	Ca_kabuli_chr04	13713367	[G/C]	1067295393
Ca_Kabuli_NC_021163.1_13713380	Ca_kabuli_chr04	13713380	[G/T]	1067295394
Ca_Kabuli_NC_021163.1_13717261	Ca_kabuli_chr04	13717261	[G/A]	1067295395
Ca_Kabuli_NC_021163.1_13724666	Ca_kabuli_chr04	13724666	[C/G]	1067295396

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_13742737	Ca_kabuli_chr04	13742737	[A/G]	1067295398
Ca_Kabuli_NC_021163.1_13742744	Ca_kabuli_chr04	13742744	[A/C]	1067295399
Ca_Kabuli_NC_021163.1_13742754	Ca_kabuli_chr04	13742754	[A/T]	1067295400
Ca_Kabuli_NC_021163.1_13758029	Ca_kabuli_chr04	13758029	[T/A]	1067295401
Ca_Kabuli_NC_021163.1_13773428	Ca_kabuli_chr04	13773428	[T/C]	1067295402
Ca_Kabuli_NC_021163.1_13787353	Ca_kabuli_chr04	13787353	[C/T]	1067295403
Ca_Kabuli_NC_021163.1_13787448	Ca_kabuli_chr04	13787448	[C/A]	1067295404
Ca_Kabuli_NC_021163.1_13787649	Ca_kabuli_chr04	13787649	[C/T]	1067295405
Ca_Kabuli_NC_021163.1_13787770	Ca_kabuli_chr04	13787770	[C/A]	1067295406
Ca_Kabuli_NC_021163.1_13787775	Ca_kabuli_chr04	13787775	[G/A]	1067295407
Ca_Kabuli_NC_021163.1_13838126	Ca_kabuli_chr04	13838126	[T/A]	1067295408
Ca_Kabuli_NC_021163.1_13838172	Ca_kabuli_chr04	13838172	[A/C]	1067295409
Ca_Kabuli_NC_021163.1_13838222	Ca_kabuli_chr04	13838222	[A/T]	1067295410
Ca_Kabuli_NC_021163.1_13838240	Ca_kabuli_chr04	13838240	[T/G]	1067295411
Ca_Kabuli_NC_021163.1_13838278	Ca_kabuli_chr04	13838278	[T/G]	1067295412
Ca_Kabuli_NC_021163.1_13838625	Ca_kabuli_chr04	13838625	[T/A]	1067295413
Ca_Kabuli_NC_021163.1_13838656	Ca_kabuli_chr04	13838656	[A/C]	1067295414
Ca_Kabuli_NC_021163.1_13838784	Ca_kabuli_chr04	13838784	[T/C]	1067295415
Ca_Kabuli_NC_021163.1_13838796	Ca_kabuli_chr04	13838796	[G/A]	1067295416
Ca_Kabuli_NC_021163.1_13838932	Ca_kabuli_chr04	13838932	[T/G]	1067295417
Ca_Kabuli_NC_021163.1_13839288	Ca_kabuli_chr04	13839288	[A/G]	1067295418
Ca_Kabuli_NC_021163.1_13839294	Ca_kabuli_chr04	13839294	[G/A]	1067295419
Ca_Kabuli_NC_021163.1_13839804	Ca_kabuli_chr04	13839804	[T/G]	1067295420
Ca_Kabuli_NC_021163.1_13839825	Ca_kabuli_chr04	13839825	[A/C]	1067295421
Ca_Kabuli_NC_021163.1_13839840	Ca_kabuli_chr04	13839840	[A/C]	1067295422
Ca_Kabuli_NC_021163.1_13839935	Ca_kabuli_chr04	13839935	[T/G]	1067295423
Ca_Kabuli_NC_021163.1_13839938	Ca_kabuli_chr04	13839938	[T/A]	1067295424
Ca_Kabuli_NC_021163.1_13840191	Ca_kabuli_chr04	13840191	[A/T]	1067295425
Ca_Kabuli_NC_021163.1_13840227	Ca_kabuli_chr04	13840227	[A/C]	1067295426
Ca_Kabuli_NC_021163.1_13840230	Ca_kabuli_chr04	13840230	[T/C]	1067295427
Ca_Kabuli_NC_021163.1_13840233	Ca_kabuli_chr04	13840233	[A/G]	1067295428
Ca_Kabuli_NC_021163.1_13840244	Ca_kabuli_chr04	13840244	[A/G]	1067295429
Ca_Kabuli_NC_021163.1_13840288	Ca_kabuli_chr04	13840288	[A/G]	1067295430

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_13841279	Ca_kabuli_chr04	13841279	[A/C]	1067295432
Ca_Kabuli_NC_021163.1_13841340	Ca_kabuli_chr04	13841340	[T/G]	1067295433
Ca_Kabuli_NC_021163.1_13845581	Ca_kabuli_chr04	13845581	[T/A]	1067295434
Ca_Kabuli_NC_021163.1_13845620	Ca_kabuli_chr04	13845620	[C/A]	1067295435
Ca_Kabuli_NC_021163.1_13858972	Ca_kabuli_chr04	13858972	[G/A]	1067295436
Ca_Kabuli_NC_021163.1_13873036	Ca_kabuli_chr04	13873036	[A/G]	1067295437
Ca_Kabuli_NC_021163.1_13873042	Ca_kabuli_chr04	13873042	[A/G]	1067295438
Ca_Kabuli_NC_021163.1_13884235	Ca_kabuli_chr04	13884235	[T/G]	1067295439
Ca_Kabuli_NC_021163.1_13941139	Ca_kabuli_chr04	13941139	[T/C]	1067295440
Ca_Kabuli_NC_021163.1_13941148	Ca_kabuli_chr04	13941148	[T/C]	1067295441
Ca_Kabuli_NC_021163.1_13941162	Ca_kabuli_chr04	13941162	[C/A]	1067295442
Ca_Kabuli_NC_021163.1_13941176	Ca_kabuli_chr04	13941176	[A/T]	1067295443
Ca_Kabuli_NC_021163.1_13949558	Ca_kabuli_chr04	13949558	[C/T]	1067295444
Ca_Kabuli_NC_021163.1_13949567	Ca_kabuli_chr04	13949567	[A/T]	1067295445
Ca_Kabuli_NC_021163.1_13970609	Ca_kabuli_chr04	13970609	[T/A]	1067295446
Ca_Kabuli_NC_021163.1_13970649	Ca_kabuli_chr04	13970649	[A/C]	1067295447
Ca_Kabuli_NC_021163.1_13970661	Ca_kabuli_chr04	13970661	[T/C]	1067295448
Ca_Kabuli_NC_021163.1_14056922	Ca_kabuli_chr04	14056922	[A/C]	1067295449
Ca_Kabuli_NC_021163.1_14056927	Ca_kabuli_chr04	14056927	[T/G]	1067295450
Ca_Kabuli_NC_021163.1_14082077	Ca_kabuli_chr04	14082077	[T/C]	1067295451
Ca_Kabuli_NC_021163.1_14082094	Ca_kabuli_chr04	14082094	[T/A]	1067295452
Ca_Kabuli_NC_021163.1_14104005	Ca_kabuli_chr04	14104005	[T/A]	1067295453
Ca_Kabuli_NC_021163.1_14104032	Ca_kabuli_chr04	14104032	[T/C]	1067295454
Ca_Kabuli_NC_021163.1_14104076	Ca_kabuli_chr04	14104076	[A/G]	1067295455
Ca_Kabuli_NC_021163.1_14104131	Ca_kabuli_chr04	14104131	[T/G]	1067295456
Ca_Kabuli_NC_021163.1_14132752	Ca_kabuli_chr04	14132752	[T/A]	1067295457
Ca_Kabuli_NC_021163.1_14132760	Ca_kabuli_chr04	14132760	[C/A]	1067295458
Ca_Kabuli_NC_021163.1_14181644	Ca_kabuli_chr04	14181644	[A/C]	1067295459
Ca_Kabuli_NC_021163.1_14199386	Ca_kabuli_chr04	14199386	[A/C]	1067295460
Ca_Kabuli_NC_021163.1_14206908	Ca_kabuli_chr04	14206908	[C/T]	1067295461
Ca_Kabuli_NC_021163.1_14206957	Ca_kabuli_chr04	14206957	[G/C]	1067295462
Ca_Kabuli_NC_021163.1_14440413	Ca_kabuli_chr04	14440413	[A/C]	1067295463
Ca_Kabuli_NC_021163.1_14440418	Ca_kabuli_chr04	14440418	[A/C]	1067295464

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_14453927	Ca_kabuli_chr04	14453927	[T/C]	1067295466
Ca_Kabuli_NC_021163.1_14453933	Ca_kabuli_chr04	14453933	[T/C]	1067295467
Ca_Kabuli_NC_021163.1_14453944	Ca_kabuli_chr04	14453944	[A/G]	1067295468
Ca_Kabuli_NC_021163.1_14453958	Ca_kabuli_chr04	14453958	[A/G]	1067295469
Ca_Kabuli_NC_021163.1_14453970	Ca_kabuli_chr04	14453970	[A/G]	1067295470
Ca_Kabuli_NC_021163.1_14562403	Ca_kabuli_chr04	14562403	[C/A]	1067295471
Ca_Kabuli_NC_021163.1_14562412	Ca_kabuli_chr04	14562412	[C/A]	1067295472
Ca_Kabuli_NC_021163.1_14562427	Ca_kabuli_chr04	14562427	[A/C]	1067295473
Ca_Kabuli_NC_021163.1_14656292	Ca_kabuli_chr04	14656292	[G/T]	1067295474
Ca_Kabuli_NC_021163.1_14656293	Ca_kabuli_chr04	14656293	[G/C]	1067295475
Ca_Kabuli_NC_021163.1_14656294	Ca_kabuli_chr04	14656294	[G/T]	1067295476
Ca_Kabuli_NC_021163.1_14657763	Ca_kabuli_chr04	14657763	[A/G]	1067295477
Ca_Kabuli_NC_021163.1_14685587	Ca_kabuli_chr04	14685587	[A/C]	1067295478
Ca_Kabuli_NC_021163.1_14685600	Ca_kabuli_chr04	14685600	[A/C]	1067295479
Ca_Kabuli_NC_021163.1_14698743	Ca_kabuli_chr04	14698743	[T/G]	1067295480
Ca_Kabuli_NC_021163.1_14699239	Ca_kabuli_chr04	14699239	[A/C]	1067295481
Ca_Kabuli_NC_021163.1_14699270	Ca_kabuli_chr04	14699270	[T/C]	1067295482
Ca_Kabuli_NC_021163.1_14699274	Ca_kabuli_chr04	14699274	[T/C]	1067295483
Ca_Kabuli_NC_021163.1_14706369	Ca_kabuli_chr04	14706369	[T/G]	1067295484
Ca_Kabuli_NC_021163.1_14706386	Ca_kabuli_chr04	14706386	[T/G]	1067295485
Ca_Kabuli_NC_021163.1_14777481	Ca_kabuli_chr04	14777481	[T/G]	1067295486
Ca_Kabuli_NC_021163.1_14785531	Ca_kabuli_chr04	14785531	[T/C]	1067295487
Ca_Kabuli_NC_021163.1_14785557	Ca_kabuli_chr04	14785557	[A/C]	1067295488
Ca_Kabuli_NC_021163.1_14786100	Ca_kabuli_chr04	14786100	[T/C]	1067295489
Ca_Kabuli_NC_021163.1_14786128	Ca_kabuli_chr04	14786128	[T/G]	1067295490
Ca_Kabuli_NC_021163.1_14786141	Ca_kabuli_chr04	14786141	[T/C]	1067295491
Ca_Kabuli_NC_021163.1_14818654	Ca_kabuli_chr04	14818654	[T/G]	1067295492
Ca_Kabuli_NC_021163.1_14831250	Ca_kabuli_chr04	14831250	[T/G]	1067295493
Ca_Kabuli_NC_021163.1_14831252	Ca_kabuli_chr04	14831252	[T/A]	1067295494
Ca_Kabuli_NC_021163.1_14960465	Ca_kabuli_chr04	14960465	[G/A]	1067295495
Ca_Kabuli_NC_021163.1_14960467	Ca_kabuli_chr04	14960467	[T/G]	1067295496
Ca_Kabuli_NC_021163.1_14985691	Ca_kabuli_chr04	14985691	[A/C]	1067295497
Ca_Kabuli_NC_021163.1_14985692	Ca_kabuli_chr04	14985692	[C/A]	1067295498

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_14985695	Ca_kabuli_chr04	14985695	[A/C]	1067295500
Ca_Kabuli_NC_021163.1_15022229	Ca_kabuli_chr04	15022229	[T/C]	1067295501
Ca_Kabuli_NC_021163.1_15022234	Ca_kabuli_chr04	15022234	[C/G]	1067295502
Ca_Kabuli_NC_021163.1_15022256	Ca_kabuli_chr04	15022256	[T/G]	1067295503
Ca_Kabuli_NC_021163.1_15022269	Ca_kabuli_chr04	15022269	[T/A]	1067295504
Ca_Kabuli_NC_021163.1_15022270	Ca_kabuli_chr04	15022270	[T/A]	1067295505
Ca_Kabuli_NC_021163.1_15036349	Ca_kabuli_chr04	15036349	[A/C]	1067295506
Ca_Kabuli_NC_021163.1_15039822	Ca_kabuli_chr04	15039822	[C/A]	1067295507
Ca_Kabuli_NC_021163.1_15039994	Ca_kabuli_chr04	15039994	[A/T]	1067295508
Ca_Kabuli_NC_021163.1_15109654	Ca_kabuli_chr04	15109654	[T/G]	1067295509
Ca_Kabuli_NC_021163.1_15109738	Ca_kabuli_chr04	15109738	[G/T]	1067295510
Ca_Kabuli_NC_021163.1_15143547	Ca_kabuli_chr04	15143547	[T/A]	1067295511
Ca_Kabuli_NC_021163.1_15177151	Ca_kabuli_chr04	15177151	[T/G]	1067295512
Ca_Kabuli_NC_021163.1_15190651	Ca_kabuli_chr04	15190651	[T/C]	1067295513
Ca_Kabuli_NC_021163.1_15190655	Ca_kabuli_chr04	15190655	[A/G]	1067295514
Ca_Kabuli_NC_021163.1_15190663	Ca_kabuli_chr04	15190663	[T/C]	1067295515
Ca_Kabuli_NC_021163.1_15240690	Ca_kabuli_chr04	15240690	[A/C]	1067295516
Ca_Kabuli_NC_021163.1_15273133	Ca_kabuli_chr04	15273133	[T/C]	1067295517
Ca_Kabuli_NC_021163.1_15273138	Ca_kabuli_chr04	15273138	[A/G]	1067295518
Ca_Kabuli_NC_021163.1_15273145	Ca_kabuli_chr04	15273145	[T/C]	1067295519
Ca_Kabuli_NC_021163.1_15273159	Ca_kabuli_chr04	15273159	[T/C]	1067295520
Ca_Kabuli_NC_021163.1_15273171	Ca_kabuli_chr04	15273171	[A/G]	1067295521
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Ca_Kabuli_NC_021163.1_15299210	Ca_kabuli_chr04	15299210	[T/C]	1067295523
Ca_Kabuli_NC_021163.1_15299223	Ca_kabuli_chr04	15299223	[A/G]	1067295524
Ca_Kabuli_NC_021163.1_15389690	Ca_kabuli_chr04	15389690	[A/G]	1067295525
Ca_Kabuli_NC_021163.1_15389702	Ca_kabuli_chr04	15389702	[T/C]	1067295526
Ca_Kabuli_NC_021163.1_15389711	Ca_kabuli_chr04	15389711	[A/G]	1067295527
Ca_Kabuli_NC_021163.1_15389726	Ca_kabuli_chr04	15389726	[A/T]	1067295528
Ca_Kabuli_NC_021163.1_15402086	Ca_kabuli_chr04	15402086	[T/G]	1067295529
Ca_Kabuli_NC_021163.1_15402093	Ca_kabuli_chr04	15402093	[A/T]	1067295530
Ca_Kabuli_NC_021163.1_15402097	Ca_kabuli_chr04	15402097	[T/G]	1067295531
Ca_Kabuli_NC_021163.1_15447013	Ca_kabuli_chr04	15447013	[A/G]	1067295532

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_15542631	Ca_kabuli_chr04	15542631	[T/G]	1067295534
Ca_Kabuli_NC_021163.1_15552657	Ca_kabuli_chr04	15552657	[T/C]	1067295535
Ca_Kabuli_NC_021163.1_15651804	Ca_kabuli_chr04	15651804	[C/A]	1067295536
Ca_Kabuli_NC_021163.1_15697080	Ca_kabuli_chr04	15697080	[T/C]	1067295537
Ca_Kabuli_NC_021163.1_15697119	Ca_kabuli_chr04	15697119	[A/C]	1067295538
Ca_Kabuli_NC_021163.1_15697125	Ca_kabuli_chr04	15697125	[A/C]	1067295539
Ca_Kabuli_NC_021163.1_15697146	Ca_kabuli_chr04	15697146	[A/G]	1067295540
Ca_Kabuli_NC_021163.1_15697413	Ca_kabuli_chr04	15697413	[A/G]	1067295541
Ca_Kabuli_NC_021163.1_15697418	Ca_kabuli_chr04	15697418	[A/G]	1067295542
Ca_Kabuli_NC_021163.1_15697805	Ca_kabuli_chr04	15697805	[A/C]	1067295543
Ca_Kabuli_NC_021163.1_15698219	Ca_kabuli_chr04	15698219	[T/C]	1067295544
Ca_Kabuli_NC_021163.1_15698342	Ca_kabuli_chr04	15698342	[A/C]	1067295545
Ca_Kabuli_NC_021163.1_15700605	Ca_kabuli_chr04	15700605	[A/T]	1067295546
Ca_Kabuli_NC_021163.1_15703805	Ca_kabuli_chr04	15703805	[A/T]	1067295547
Ca_Kabuli_NC_021163.1_15743441	Ca_kabuli_chr04	15743441	[T/C]	1067295548
Ca_Kabuli_NC_021163.1_15743459	Ca_kabuli_chr04	15743459	[A/T]	1067295549
Ca_Kabuli_NC_021163.1_15744703	Ca_kabuli_chr04	15744703	[T/G]	1067295550
Ca_Kabuli_NC_021163.1_15744732	Ca_kabuli_chr04	15744732	[A/C]	1067295551
Ca_Kabuli_NC_021163.1_15821266	Ca_kabuli_chr04	15821266	[A/C]	1067295552
Ca_Kabuli_NC_021163.1_15821270	Ca_kabuli_chr04	15821270	[A/C]	1067295553
Ca_Kabuli_NC_021163.1_15900593	Ca_kabuli_chr04	15900593	[A/G]	1067295554
Ca_Kabuli_NC_021163.1_15900602	Ca_kabuli_chr04	15900602	[G/A]	1067295555
Ca_Kabuli_NC_021163.1_15900604	Ca_kabuli_chr04	15900604	[G/A]	1067295556
Ca_Kabuli_NC_021163.1_15900605	Ca_kabuli_chr04	15900605	[T/G]	1067295557
Ca_Kabuli_NC_021163.1_15916534	Ca_kabuli_chr04	15916534	[G/A]	1067295558
Ca_Kabuli_NC_021163.1_15926160	Ca_kabuli_chr04	15926160	[G/A]	1067295559
Ca_Kabuli_NC_021163.1_15934462	Ca_kabuli_chr04	15934462	[G/A]	1067295560
Ca_Kabuli_NC_021163.1_15934607	Ca_kabuli_chr04	15934607	[T/A]	1067295561
Ca_Kabuli_NC_021163.1_15934901	Ca_kabuli_chr04	15934901	[G/T]	1067295562
Ca_Kabuli_NC_021163.1_15942084	Ca_kabuli_chr04	15942084	[A/G]	1067295563
Ca_Kabuli_NC_021163.1_15942490	Ca_kabuli_chr04	15942490	[A/G]	1067295564
Ca_Kabuli_NC_021163.1_15942542	Ca_kabuli_chr04	15942542	[A/C]	1067295565
Ca_Kabuli_NC_021163.1_15957070	Ca_kabuli_chr04	15957070	[A/T]	1067295566



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_15962674	Ca_kabuli_chr04	15962674	[G/A]	1067295568
Ca_Kabuli_NC_021163.1_16027227	Ca_kabuli_chr04	16027227	[A/G]	1067295569
Ca_Kabuli_NC_021163.1_16027259	Ca_kabuli_chr04	16027259	[A/C]	1067295570
Ca_Kabuli_NC_021163.1_16027281	Ca_kabuli_chr04	16027281	[A/G]	1067295571
Ca_Kabuli_NC_021163.1_16046928	Ca_kabuli_chr04	16046928	[C/T]	1067295572
Ca_Kabuli_NC_021163.1_16149795	Ca_kabuli_chr04	16149795	[T/C]	1067295573
Ca_Kabuli_NC_021163.1_16149998	Ca_kabuli_chr04	16149998	[C/T]	1067295574
Ca_Kabuli_NC_021163.1_16150042	Ca_kabuli_chr04	16150042	[T/G]	1067295575
Ca_Kabuli_NC_021163.1_16278671	Ca_kabuli_chr04	16278671	[A/T]	1067295576
Ca_Kabuli_NC_021163.1_16361657	Ca_kabuli_chr04	16361657	[A/T]	1067295577
Ca_Kabuli_NC_021163.1_16446946	Ca_kabuli_chr04	16446946	[T/A]	1067295578
Ca_Kabuli_NC_021163.1_16446962	Ca_kabuli_chr04	16446962	[A/G]	1067295579
Ca_Kabuli_NC_021163.1_16447212	Ca_kabuli_chr04	16447212	[T/C]	1067295580
Ca_Kabuli_NC_021163.1_16447213	Ca_kabuli_chr04	16447213	[C/T]	1067295581
Ca_Kabuli_NC_021163.1_16447214	Ca_kabuli_chr04	16447214	[C/T]	1067295582
Ca_Kabuli_NC_021163.1_16448174	Ca_kabuli_chr04	16448174	[T/C]	1067295583
Ca_Kabuli_NC_021163.1_16448200	Ca_kabuli_chr04	16448200	[T/G]	1067295584
Ca_Kabuli_NC_021163.1_16457949	Ca_kabuli_chr04	16457949	[T/A]	1067295585
Ca_Kabuli_NC_021163.1_16457966	Ca_kabuli_chr04	16457966	[T/G]	1067295586
Ca_Kabuli_NC_021163.1_16457971	Ca_kabuli_chr04	16457971	[A/C]	1067295587
Ca_Kabuli_NC_021163.1_16457977	Ca_kabuli_chr04	16457977	[A/T]	1067295588
Ca_Kabuli_NC_021163.1_16500750	Ca_kabuli_chr04	16500750	[T/G]	1067295589
Ca_Kabuli_NC_021163.1_16500752	Ca_kabuli_chr04	16500752	[T/A]	1067295590
Ca_Kabuli_NC_021163.1_16500755	Ca_kabuli_chr04	16500755	[T/C]	1067295591
Ca_Kabuli_NC_021163.1_16501487	Ca_kabuli_chr04	16501487	[T/A]	1067295592
Ca_Kabuli_NC_021163.1_16517910	Ca_kabuli_chr04	16517910	[T/G]	1067295593
Ca_Kabuli_NC_021163.1_16532045	Ca_kabuli_chr04	16532045	[A/G]	1067295594
Ca_Kabuli_NC_021163.1_16536720	Ca_kabuli_chr04	16536720	[T/A]	1067295595
Ca_Kabuli_NC_021163.1_16537984	Ca_kabuli_chr04	16537984	[A/C]	1067295596
Ca_Kabuli_NC_021163.1_16586896	Ca_kabuli_chr04	16586896	[A/T]	1067295597
Ca_Kabuli_NC_021163.1_16622385	Ca_kabuli_chr04	16622385	[T/A]	1067295598
Ca_Kabuli_NC_021163.1_16622409	Ca_kabuli_chr04	16622409	[T/G]	1067295599
Ca_Kabuli_NC_021163.1_16622418	Ca_kabuli_chr04	16622418	[A/C]	1067295600

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_16622505	Ca_kabuli_chr04	16622505	[T/A]	1067295603
Ca_Kabuli_NC_021163.1_16622509	Ca_kabuli_chr04	16622509	[C/G]	1067295604
Ca_Kabuli_NC_021163.1_16622512	Ca_kabuli_chr04	16622512	[A/G]	1067295605
Ca_Kabuli_NC_021163.1_16622521	Ca_kabuli_chr04	16622521	[A/C]	1067295606
Ca_Kabuli_NC_021163.1_16622550	Ca_kabuli_chr04	16622550	[T/C]	1067295607
Ca_Kabuli_NC_021163.1_16622568	Ca_kabuli_chr04	16622568	[T/A]	1067295608
Ca_Kabuli_NC_021163.1_16622571	Ca_kabuli_chr04	16622571	[T/C]	1067295609
Ca_Kabuli_NC_021163.1_16628556	Ca_kabuli_chr04	16628556	[A/G]	1067295610
Ca_Kabuli_NC_021163.1_16628559	Ca_kabuli_chr04	16628559	[T/G]	1067295611
Ca_Kabuli_NC_021163.1_16628605	Ca_kabuli_chr04	16628605	[G/A]	1067295612
Ca_Kabuli_NC_021163.1_16629643	Ca_kabuli_chr04	16629643	[T/C]	1067295613
Ca_Kabuli_NC_021163.1_16629646	Ca_kabuli_chr04	16629646	[T/C]	1067295614
Ca_Kabuli_NC_021163.1_16630376	Ca_kabuli_chr04	16630376	[A/C]	1067295615
Ca_Kabuli_NC_021163.1_16670183	Ca_kabuli_chr04	16670183	[A/G]	1067295616
Ca_Kabuli_NC_021163.1_16670198	Ca_kabuli_chr04	16670198	[A/G]	1067295617
Ca_Kabuli_NC_021163.1_16754113	Ca_kabuli_chr04	16754113	[C/A]	1067295618
Ca_Kabuli_NC_021163.1_16773172	Ca_kabuli_chr04	16773172	[A/C]	1067295619
Ca_Kabuli_NC_021163.1_16782993	Ca_kabuli_chr04	16782993	[C/A]	1067295620
Ca_Kabuli_NC_021163.1_16783500	Ca_kabuli_chr04	16783500	[A/C]	1067295621
Ca_Kabuli_NC_021163.1_16789488	Ca_kabuli_chr04	16789488	[T/G]	1067295622
Ca_Kabuli_NC_021163.1_16789494	Ca_kabuli_chr04	16789494	[T/G]	1067295623
Ca_Kabuli_NC_021163.1_16789497	Ca_kabuli_chr04	16789497	[T/G]	1067295624
Ca_Kabuli_NC_021163.1_16789500	Ca_kabuli_chr04	16789500	[T/G]	1067295625
Ca_Kabuli_NC_021163.1_16789518	Ca_kabuli_chr04	16789518	[G/T]	1067295626
Ca_Kabuli_NC_021163.1_16830347	Ca_kabuli_chr04	16830347	[T/G]	1067295627
Ca_Kabuli_NC_021163.1_16830372	Ca_kabuli_chr04	16830372	[A/T]	1067295628
Ca_Kabuli_NC_021163.1_16830398	Ca_kabuli_chr04	16830398	[T/C]	1067295629
Ca_Kabuli_NC_021163.1_16846275	Ca_kabuli_chr04	16846275	[A/T]	1067295630
Ca_Kabuli_NC_021163.1_16847692	Ca_kabuli_chr04	16847692	[A/C]	1067295631
Ca_Kabuli_NC_021163.1_16847697	Ca_kabuli_chr04	16847697	[A/C]	1067295632
Ca_Kabuli_NC_021163.1_16847711	Ca_kabuli_chr04	16847711	[A/G]	1067295633
Ca_Kabuli_NC_021163.1_16847739	Ca_kabuli_chr04	16847739	[T/C]	1067295634

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_16872519	Ca_kabuli_chr04	16872519	[T/G]	1067295636
Ca_Kabuli_NC_021163.1_16889591	Ca_kabuli_chr04	16889591	[T/A]	1067295637
Ca_Kabuli_NC_021163.1_16926491	Ca_kabuli_chr04	16926491	[A/G]	1067295638
Ca_Kabuli_NC_021163.1_16926503	Ca_kabuli_chr04	16926503	[A/G]	1067295639
Ca_Kabuli_NC_021163.1_16926506	Ca_kabuli_chr04	16926506	[A/C]	1067295640
Ca_Kabuli_NC_021163.1_16926515	Ca_kabuli_chr04	16926515	[A/C]	1067295641
Ca_Kabuli_NC_021163.1_16926524	Ca_kabuli_chr04	16926524	[T/C]	1067295642
Ca_Kabuli_NC_021163.1_16926596	Ca_kabuli_chr04	16926596	[T/C]	1067295643
Ca_Kabuli_NC_021163.1_16926635	Ca_kabuli_chr04	16926635	[A/G]	1067295644
Ca_Kabuli_NC_021163.1_16926652	Ca_kabuli_chr04	16926652	[T/C]	1067295645
Ca_Kabuli_NC_021163.1_16926656	Ca_kabuli_chr04	16926656	[A/G]	1067295646
Ca_Kabuli_NC_021163.1_16931381	Ca_kabuli_chr04	16931381	[T/G]	1067295647
Ca_Kabuli_NC_021163.1_16932273	Ca_kabuli_chr04	16932273	[A/C]	1067295648
Ca_Kabuli_NC_021163.1_16932276	Ca_kabuli_chr04	16932276	[C/T]	1067295649
Ca_Kabuli_NC_021163.1_17003904	Ca_kabuli_chr04	17003904	[A/T]	1067295650
Ca_Kabuli_NC_021163.1_17028391	Ca_kabuli_chr04	17028391	[T/G]	1067295651
Ca_Kabuli_NC_021163.1_17109263	Ca_kabuli_chr04	17109263	[A/G]	1067295652
Ca_Kabuli_NC_021163.1_17109297	Ca_kabuli_chr04	17109297	[A/G]	1067295653
Ca_Kabuli_NC_021163.1_17115127	Ca_kabuli_chr04	17115127	[A/C]	1067295654
Ca_Kabuli_NC_021163.1_17148049	Ca_kabuli_chr04	17148049	[C/G]	1067295655
Ca_Kabuli_NC_021163.1_17148050	Ca_kabuli_chr04	17148050	[C/A]	1067295656
Ca_Kabuli_NC_021163.1_17148052	Ca_kabuli_chr04	17148052	[G/C]	1067295657
Ca_Kabuli_NC_021163.1_17148053	Ca_kabuli_chr04	17148053	[G/T]	1067295658
Ca_Kabuli_NC_021163.1_17202598	Ca_kabuli_chr04	17202598	[A/T]	1067295659
Ca_Kabuli_NC_021163.1_17202605	Ca_kabuli_chr04	17202605	[A/G]	1067295660
Ca_Kabuli_NC_021163.1_17203994	Ca_kabuli_chr04	17203994	[A/C]	1067295661
Ca_Kabuli_NC_021163.1_17203997	Ca_kabuli_chr04	17203997	[A/C]	1067295662
Ca_Kabuli_NC_021163.1_17204002	Ca_kabuli_chr04	17204002	[T/C]	1067295663
Ca_Kabuli_NC_021163.1_17228576	Ca_kabuli_chr04	17228576	[T/C]	1067295664
Ca_Kabuli_NC_021163.1_17228599	Ca_kabuli_chr04	17228599	[A/T]	1067295665
Ca_Kabuli_NC_021163.1_17264493	Ca_kabuli_chr04	17264493	[C/A]	1067295666
Ca_Kabuli_NC_021163.1_17274890	Ca_kabuli_chr04	17274890	[A/G]	1067295667
Ca_Kabuli_NC_021163.1_17274893	Ca_kabuli_chr04	17274893	[T/C]	1067295668

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_17278732	Ca_kabuli_chr04	17278732	[C/T]	1067295671
Ca_Kabuli_NC_021163.1_17278734	Ca_kabuli_chr04	17278734	[T/C]	1067295672
Ca_Kabuli_NC_021163.1_17303693	Ca_kabuli_chr04	17303693	[A/C]	1067295673
Ca_Kabuli_NC_021163.1_17305899	Ca_kabuli_chr04	17305899	[T/G]	1067295674
Ca_Kabuli_NC_021163.1_17306028	Ca_kabuli_chr04	17306028	[T/C]	1067295675
Ca_Kabuli_NC_021163.1_17306043	Ca_kabuli_chr04	17306043	[A/G]	1067295676
Ca_Kabuli_NC_021163.1_17309658	Ca_kabuli_chr04	17309658	[A/C]	1067295677
Ca_Kabuli_NC_021163.1_17309659	Ca_kabuli_chr04	17309659	[C/T]	1067295678
Ca_Kabuli_NC_021163.1_17396352	Ca_kabuli_chr04	17396352	[T/G]	1067295679
Ca_Kabuli_NC_021163.1_17401841	Ca_kabuli_chr04	17401841	[T/G]	1067295680
Ca_Kabuli_NC_021163.1_17408093	Ca_kabuli_chr04	17408093	[A/G]	1067295681
Ca_Kabuli_NC_021163.1_17427162	Ca_kabuli_chr04	17427162	[T/C]	1067295682
Ca_Kabuli_NC_021163.1_17427181	Ca_kabuli_chr04	17427181	[T/G]	1067295683
Ca_Kabuli_NC_021163.1_17429446	Ca_kabuli_chr04	17429446	[C/A]	1067295684
Ca_Kabuli_NC_021163.1_17446750	Ca_kabuli_chr04	17446750	[T/G]	1067295685
Ca_Kabuli_NC_021163.1_17449395	Ca_kabuli_chr04	17449395	[A/T]	1067295686
Ca_Kabuli_NC_021163.1_17449417	Ca_kabuli_chr04	17449417	[T/C]	1067295687
Ca_Kabuli_NC_021163.1_17451460	Ca_kabuli_chr04	17451460	[T/G]	1067295688
Ca_Kabuli_NC_021163.1_17473015	Ca_kabuli_chr04	17473015	[T/C]	1067295689
Ca_Kabuli_NC_021163.1_17473018	Ca_kabuli_chr04	17473018	[C/T]	1067295690
Ca_Kabuli_NC_021163.1_17473210	Ca_kabuli_chr04	17473210	[A/C]	1067295691
Ca_Kabuli_NC_021163.1_17473225	Ca_kabuli_chr04	17473225	[A/G]	1067295692
Ca_Kabuli_NC_021163.1_17473312	Ca_kabuli_chr04	17473312	[C/A]	1067295693
Ca_Kabuli_NC_021163.1_17494744	Ca_kabuli_chr04	17494744	[A/C]	1067295694
Ca_Kabuli_NC_021163.1_17494756	Ca_kabuli_chr04	17494756	[T/A]	1067295695
Ca_Kabuli_NC_021163.1_17494770	Ca_kabuli_chr04	17494770	[G/A]	1067295696
Ca_Kabuli_NC_021163.1_17494771	Ca_kabuli_chr04	17494771	[C/T]	1067295697
Ca_Kabuli_NC_021163.1_17494772	Ca_kabuli_chr04	17494772	[G/C]	1067295698
Ca_Kabuli_NC_021163.1_17494773	Ca_kabuli_chr04	17494773	[G/T]	1067295699
Ca_Kabuli_NC_021163.1_17497238	Ca_kabuli_chr04	17497238	[A/C]	1067295700
Ca_Kabuli_NC_021163.1_17595267	Ca_kabuli_chr04	17595267	[A/G]	1067295701
Ca_Kabuli_NC_021163.1_17595297	Ca_kabuli_chr04	17595297	[A/G]	1067295702

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_17621574	Ca_kabuli_chr04	17621574	[T/G]	1067295703
Ca_Kabuli_NC_021163.1_17621583	Ca_kabuli_chr04	17621583	[A/G]	1067295704
Ca_Kabuli_NC_021163.1_17621619	Ca_kabuli_chr04	17621619	[T/G]	1067295705
Ca_Kabuli_NC_021163.1_17622943	Ca_kabuli_chr04	17622943	[T/G]	1067295706
Ca_Kabuli_NC_021163.1_17622952	Ca_kabuli_chr04	17622952	[T/C]	1067295707
Ca_Kabuli_NC_021163.1_17622969	Ca_kabuli_chr04	17622969	[T/G]	1067295708
Ca_Kabuli_NC_021163.1_17622979	Ca_kabuli_chr04	17622979	[A/G]	1067295709
Ca_Kabuli_NC_021163.1_17647678	Ca_kabuli_chr04	17647678	[T/C]	1067295710
Ca_Kabuli_NC_021163.1_17647684	Ca_kabuli_chr04	17647684	[T/G]	1067295711
Ca_Kabuli_NC_021163.1_17647689	Ca_kabuli_chr04	17647689	[G/T]	1067295712
Ca_Kabuli_NC_021163.1_17647693	Ca_kabuli_chr04	17647693	[T/G]	1067295713
Ca_Kabuli_NC_021163.1_17647716	Ca_kabuli_chr04	17647716	[T/G]	1067295714
Ca_Kabuli_NC_021163.1_17652717	Ca_kabuli_chr04	17652717	[T/G]	1067295715
Ca_Kabuli_NC_021163.1_17685071	Ca_kabuli_chr04	17685071	[A/T]	1067295716
Ca_Kabuli_NC_021163.1_17685098	Ca_kabuli_chr04	17685098	[T/C]	1067295717
Ca_Kabuli_NC_021163.1_17718922	Ca_kabuli_chr04	17718922	[T/G]	1067295718
Ca_Kabuli_NC_021163.1_17751940	Ca_kabuli_chr04	17751940	[T/A]	1067295719
Ca_Kabuli_NC_021163.1_17771707	Ca_kabuli_chr04	17771707	[T/C]	1067295720
Ca_Kabuli_NC_021163.1_17839101	Ca_kabuli_chr04	17839101	[A/C]	1067295721
Ca_Kabuli_NC_021163.1_17839132	Ca_kabuli_chr04	17839132	[A/G]	1067295722
Ca_Kabuli_NC_021163.1_17847854	Ca_kabuli_chr04	17847854	[T/G]	1067295723
Ca_Kabuli_NC_021163.1_17858133	Ca_kabuli_chr04	17858133	[C/T]	1067295724
Ca_Kabuli_NC_021163.1_17858140	Ca_kabuli_chr04	17858140	[A/C]	1067295725
Ca_Kabuli_NC_021163.1_17886842	Ca_kabuli_chr04	17886842	[A/C]	1067295726
Ca_Kabuli_NC_021163.1_17913708	Ca_kabuli_chr04	17913708	[A/T]	1067295727
Ca_Kabuli_NC_021163.1_17913711	Ca_kabuli_chr04	17913711	[T/C]	1067295728
Ca_Kabuli_NC_021163.1_17913719	Ca_kabuli_chr04	17913719	[G/C]	1067295729
Ca_Kabuli_NC_021163.1_17913726	Ca_kabuli_chr04	17913726	[G/A]	1067295730
Ca_Kabuli_NC_021163.1_17913731	Ca_kabuli_chr04	17913731	[A/C]	1067295731
Ca_Kabuli_NC_021163.1_17914220	Ca_kabuli_chr04	17914220	[T/A]	1067295732
Ca_Kabuli_NC_021163.1_17914257	Ca_kabuli_chr04	17914257	[A/C]	1067295733
Ca_Kabuli_NC_021163.1_17914277	Ca_kabuli_chr04	17914277	[A/C]	1067295734
Ca_Kabuli_NC_021163.1_17920556	Ca_kabuli_chr04	17920556	[A/G]	1067295735
Ca_Kabuli_NC_021163.1_17920572	Ca_kabuli_chr04	17920572	[T/C]	1067295736

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_17920613	Ca_kabuli_chr04	17920613	[T/G]	1067295737
Ca_Kabuli_NC_021163.1_17920629	Ca_kabuli_chr04	17920629	[T/C]	1067295738
Ca_Kabuli_NC_021163.1_17920771	Ca_kabuli_chr04	17920771	[A/C]	1067295739
Ca_Kabuli_NC_021163.1_17953824	Ca_kabuli_chr04	17953824	[T/C]	1067295740
Ca_Kabuli_NC_021163.1_17953846	Ca_kabuli_chr04	17953846	[T/C]	1067295741
Ca_Kabuli_NC_021163.1_17990878	Ca_kabuli_chr04	17990878	[G/T]	1067295742
Ca_Kabuli_NC_021163.1_17990879	Ca_kabuli_chr04	17990879	[G/C]	1067295743
Ca_Kabuli_NC_021163.1_17990880	Ca_kabuli_chr04	17990880	[G/T]	1067295744
Ca_Kabuli_NC_021163.1_17992406	Ca_kabuli_chr04	17992406	[T/G]	1067295745
Ca_Kabuli_NC_021163.1_17992532	Ca_kabuli_chr04	17992532	[A/T]	1067295746
Ca_Kabuli_NC_021163.1_17992540	Ca_kabuli_chr04	17992540	[T/A]	1067295747
Ca_Kabuli_NC_021163.1_17992553	Ca_kabuli_chr04	17992553	[T/C]	1067295748
Ca_Kabuli_NC_021163.1_18013299	Ca_kabuli_chr04	18013299	[G/A]	1067295749
Ca_Kabuli_NC_021163.1_18070194	Ca_kabuli_chr04	18070194	[T/C]	1067295750
Ca_Kabuli_NC_021163.1_18071074	Ca_kabuli_chr04	18071074	[A/C]	1067295751
Ca_Kabuli_NC_021163.1_18071095	Ca_kabuli_chr04	18071095	[A/C]	1067295752
Ca_Kabuli_NC_021163.1_18071100	Ca_kabuli_chr04	18071100	[A/C]	1067295753
Ca_Kabuli_NC_021163.1_18071129	Ca_kabuli_chr04	18071129	[T/C]	1067295754
Ca_Kabuli_NC_021163.1_18071135	Ca_kabuli_chr04	18071135	[T/G]	1067295755
Ca_Kabuli_NC_021163.1_18071138	Ca_kabuli_chr04	18071138	[T/C]	1067295756
Ca_Kabuli_NC_021163.1_18071152	Ca_kabuli_chr04	18071152	[T/C]	1067295757
Ca_Kabuli_NC_021163.1_18089508	Ca_kabuli_chr04	18089508	[A/C]	1067295758
Ca_Kabuli_NC_021163.1_18117799	Ca_kabuli_chr04	18117799	[G/T]	1067295759
Ca_Kabuli_NC_021163.1_18167607	Ca_kabuli_chr04	18167607	[A/T]	1067295760
Ca_Kabuli_NC_021163.1_18167620	Ca_kabuli_chr04	18167620	[T/C]	1067295761
Ca_Kabuli_NC_021163.1_18167660	Ca_kabuli_chr04	18167660	[A/C]	1067295762
Ca_Kabuli_NC_021163.1_18167679	Ca_kabuli_chr04	18167679	[T/C]	1067295763
Ca_Kabuli_NC_021163.1_18168367	Ca_kabuli_chr04	18168367	[A/C]	1067295764
Ca_Kabuli_NC_021163.1_18168378	Ca_kabuli_chr04	18168378	[G/A]	1067295765
Ca_Kabuli_NC_021163.1_18168379	Ca_kabuli_chr04	18168379	[C/G]	1067295766
Ca_Kabuli_NC_021163.1_18168381	Ca_kabuli_chr04	18168381	[C/G]	1067295767
Ca_Kabuli_NC_021163.1_18168385	Ca_kabuli_chr04	18168385	[G/T]	1067295768
Ca_Kabuli_NC_021163.1_18168387	Ca_kabuli_chr04	18168387	[C/T]	1067295769
Ca_Kabuli_NC_021163.1_18171478	Ca_kabuli_chr04	18171478	[A/C]	1067295770

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_18171498	Ca_kabuli_chr04	18171498	[A/C]	1067295772
Ca_Kabuli_NC_021163.1_18171505	Ca_kabuli_chr04	18171505	[A/G]	1067295773
Ca_Kabuli_NC_021163.1_18171522	Ca_kabuli_chr04	18171522	[T/G]	1067295774
Ca_Kabuli_NC_021163.1_18171534	Ca_kabuli_chr04	18171534	[A/G]	1067295775
Ca_Kabuli_NC_021163.1_18171542	Ca_kabuli_chr04	18171542	[A/G]	1067295776
Ca_Kabuli_NC_021163.1_18427444	Ca_kabuli_chr04	18427444	[A/G]	1067295777
Ca_Kabuli_NC_021163.1_18433965	Ca_kabuli_chr04	18433965	[A/G]	1067295778
Ca_Kabuli_NC_021163.1_18433977	Ca_kabuli_chr04	18433977	[T/C]	1067295779
Ca_Kabuli_NC_021163.1_18433981	Ca_kabuli_chr04	18433981	[T/C]	1067295780
Ca_Kabuli_NC_021163.1_18433987	Ca_kabuli_chr04	18433987	[A/G]	1067295781
Ca_Kabuli_NC_021163.1_18435345	Ca_kabuli_chr04	18435345	[T/A]	1067295782
Ca_Kabuli_NC_021163.1_18435353	Ca_kabuli_chr04	18435353	[T/A]	1067295783
Ca_Kabuli_NC_021163.1_18485909	Ca_kabuli_chr04	18485909	[T/G]	1067295784
Ca_Kabuli_NC_021163.1_18493810	Ca_kabuli_chr04	18493810	[T/G]	1067295785
Ca_Kabuli_NC_021163.1_18505268	Ca_kabuli_chr04	18505268	[T/C]	1067295786
Ca_Kabuli_NC_021163.1_18505312	Ca_kabuli_chr04	18505312	[A/G]	1067295787
Ca_Kabuli_NC_021163.1_18523370	Ca_kabuli_chr04	18523370	[A/G]	1067295788
Ca_Kabuli_NC_021163.1_18523398	Ca_kabuli_chr04	18523398	[G/T]	1067295789
Ca_Kabuli_NC_021163.1_18526794	Ca_kabuli_chr04	18526794	[A/G]	1067295790
Ca_Kabuli_NC_021163.1_18585411	Ca_kabuli_chr04	18585411	[A/G]	1067295791
Ca_Kabuli_NC_021163.1_18585421	Ca_kabuli_chr04	18585421	[A/G]	1067295792
Ca_Kabuli_NC_021163.1_18592828	Ca_kabuli_chr04	18592828	[T/C]	1067295793
Ca_Kabuli_NC_021163.1_18628594	Ca_kabuli_chr04	18628594	[T/A]	1067295794
Ca_Kabuli_NC_021163.1_18633561	Ca_kabuli_chr04	18633561	[T/G]	1067295795
Ca_Kabuli_NC_021163.1_18719393	Ca_kabuli_chr04	18719393	[T/C]	1067295796
Ca_Kabuli_NC_021163.1_18719417	Ca_kabuli_chr04	18719417	[A/G]	1067295797
Ca_Kabuli_NC_021163.1_18719419	Ca_kabuli_chr04	18719419	[C/G]	1067295798
Ca_Kabuli_NC_021163.1_18719438	Ca_kabuli_chr04	18719438	[A/G]	1067295799
Ca_Kabuli_NC_021163.1_18719451	Ca_kabuli_chr04	18719451	[A/G]	1067295800
Ca_Kabuli_NC_021163.1_18719461	Ca_kabuli_chr04	18719461	[A/G]	1067295801
Ca_Kabuli_NC_021163.1_18719463	Ca_kabuli_chr04	18719463	[A/G]	1067295802
Ca_Kabuli_NC_021163.1_18720247	Ca_kabuli_chr04	18720247	[A/G]	1067295803
Ca_Kabuli_NC_021163.1_18720318	Ca_kabuli_chr04	18720318	[A/C]	1067295804

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_18727628	Ca_kabuli_chr04	18727628	[T/C]	1067295806
Ca_Kabuli_NC_021163.1_18727657	Ca_kabuli_chr04	18727657	[T/G]	1067295807
Ca_Kabuli_NC_021163.1_18747915	Ca_kabuli_chr04	18747915	[A/G]	1067295808
Ca_Kabuli_NC_021163.1_18752357	Ca_kabuli_chr04	18752357	[A/G]	1067295809
Ca_Kabuli_NC_021163.1_18855201	Ca_kabuli_chr04	18855201	[T/C]	1067295810
Ca_Kabuli_NC_021163.1_18867076	Ca_kabuli_chr04	18867076	[A/C]	1067295811
Ca_Kabuli_NC_021163.1_18867117	Ca_kabuli_chr04	18867117	[T/G]	1067295812
Ca_Kabuli_NC_021163.1_18875677	Ca_kabuli_chr04	18875677	[A/C]	1067295813
Ca_Kabuli_NC_021163.1_18886200	Ca_kabuli_chr04	18886200	[A/C]	1067295814
Ca_Kabuli_NC_021163.1_18912194	Ca_kabuli_chr04	18912194	[A/C]	1067295815
Ca_Kabuli_NC_021163.1_18923641	Ca_kabuli_chr04	18923641	[G/T]	1067295816
Ca_Kabuli_NC_021163.1_18943307	Ca_kabuli_chr04	18943307	[A/C]	1067295817
Ca_Kabuli_NC_021163.1_18958392	Ca_kabuli_chr04	18958392	[A/T]	1067295818
Ca_Kabuli_NC_021163.1_18958409	Ca_kabuli_chr04	18958409	[G/A]	1067295819
Ca_Kabuli_NC_021163.1_18959763	Ca_kabuli_chr04	18959763	[A/C]	1067295820
Ca_Kabuli_NC_021163.1_18994533	Ca_kabuli_chr04	18994533	[G/A]	1067295821
Ca_Kabuli_NC_021163.1_18994535	Ca_kabuli_chr04	18994535	[A/C]	1067295822
Ca_Kabuli_NC_021163.1_18994536	Ca_kabuli_chr04	18994536	[G/T]	1067295823
Ca_Kabuli_NC_021163.1_19056752	Ca_kabuli_chr04	19056752	[A/C]	1067295824
Ca_Kabuli_NC_021163.1_19056787	Ca_kabuli_chr04	19056787	[A/G]	1067295825
Ca_Kabuli_NC_021163.1_19057199	Ca_kabuli_chr04	19057199	[T/G]	1067295826
Ca_Kabuli_NC_021163.1_19057215	Ca_kabuli_chr04	19057215	[T/A]	1067295827
Ca_Kabuli_NC_021163.1_19061732	Ca_kabuli_chr04	19061732	[T/G]	1067295828
Ca_Kabuli_NC_021163.1_19061738	Ca_kabuli_chr04	19061738	[A/G]	1067295829
Ca_Kabuli_NC_021163.1_19152663	Ca_kabuli_chr04	19152663	[C/T]	1067295830
Ca_Kabuli_NC_021163.1_19152665	Ca_kabuli_chr04	19152665	[A/C]	1067295831
Ca_Kabuli_NC_021163.1_19166053	Ca_kabuli_chr04	19166053	[T/G]	1067295832
Ca_Kabuli_NC_021163.1_19207681	Ca_kabuli_chr04	19207681	[T/C]	1067295833
Ca_Kabuli_NC_021163.1_19211864	Ca_kabuli_chr04	19211864	[A/C]	1067295834
Ca_Kabuli_NC_021163.1_19227621	Ca_kabuli_chr04	19227621	[T/G]	1067295835
Ca_Kabuli_NC_021163.1_19227624	Ca_kabuli_chr04	19227624	[T/C]	1067295836
Ca_Kabuli_NC_021163.1_19263967	Ca_kabuli_chr04	19263967	[T/G]	1067295837
Ca_Kabuli_NC_021163.1_19540579	Ca_kabuli_chr04	19540579	[T/G]	1067295838



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_19593695	Ca_kabuli_chr04	19593695	[C/A]	1067295839
Ca_Kabuli_NC_021163.1_19593696	Ca_kabuli_chr04	19593696	[C/G]	1067295840
Ca_Kabuli_NC_021163.1_19593699	Ca_kabuli_chr04	19593699	[A/C]	1067295841
Ca_Kabuli_NC_021163.1_19593700	Ca_kabuli_chr04	19593700	[T/G]	1067295842
Ca_Kabuli_NC_021163.1_19660464	Ca_kabuli_chr04	19660464	[A/C]	1067295843
Ca_Kabuli_NC_021163.1_19687982	Ca_kabuli_chr04	19687982	[T/C]	1067295844
Ca_Kabuli_NC_021163.1_19712368	Ca_kabuli_chr04	19712368	[A/C]	1067295845
Ca_Kabuli_NC_021163.1_19712457	Ca_kabuli_chr04	19712457	[A/T]	1067295846
Ca_Kabuli_NC_021163.1_19712931	Ca_kabuli_chr04	19712931	[G/A]	1067295847
Ca_Kabuli_NC_021163.1_19733301	Ca_kabuli_chr04	19733301	[A/C]	1067295848
Ca_Kabuli_NC_021163.1_19738361	Ca_kabuli_chr04	19738361	[C/G]	1067295849
Ca_Kabuli_NC_021163.1_19738371	Ca_kabuli_chr04	19738371	[A/G]	1067295850
Ca_Kabuli_NC_021163.1_19738402	Ca_kabuli_chr04	19738402	[A/C]	1067295851
Ca_Kabuli_NC_021163.1_19755453	Ca_kabuli_chr04	19755453	[T/C]	1067295852
Ca_Kabuli_NC_021163.1_19755467	Ca_kabuli_chr04	19755467	[T/C]	1067295853
Ca_Kabuli_NC_021163.1_19765190	Ca_kabuli_chr04	19765190	[T/C]	1067295854
Ca_Kabuli_NC_021163.1_19765194	Ca_kabuli_chr04	19765194	[T/G]	1067295855
Ca_Kabuli_NC_021163.1_19765202	Ca_kabuli_chr04	19765202	[A/T]	1067295856
Ca_Kabuli_NC_021163.1_19765230	Ca_kabuli_chr04	19765230	[A/G]	1067295857
Ca_Kabuli_NC_021163.1_19765242	Ca_kabuli_chr04	19765242	[C/T]	1067295858
Ca_Kabuli_NC_021163.1_19869636	Ca_kabuli_chr04	19869636	[A/C]	1067295859
Ca_Kabuli_NC_021163.1_19869708	Ca_kabuli_chr04	19869708	[A/G]	1067295860
Ca_Kabuli_NC_021163.1_19869717	Ca_kabuli_chr04	19869717	[T/G]	1067295861
Ca_Kabuli_NC_021163.1_19869722	Ca_kabuli_chr04	19869722	[T/G]	1067295862
Ca_Kabuli_NC_021163.1_19869742	Ca_kabuli_chr04	19869742	[A/C]	1067295863
Ca_Kabuli_NC_021163.1_19870269	Ca_kabuli_chr04	19870269	[A/G]	1067295864
Ca_Kabuli_NC_021163.1_20161601	Ca_kabuli_chr04	20161601	[A/G]	1067295865
Ca_Kabuli_NC_021163.1_20193277	Ca_kabuli_chr04	20193277	[T/G]	1067295866
Ca_Kabuli_NC_021163.1_20193298	Ca_kabuli_chr04	20193298	[T/G]	1067295867
Ca_Kabuli_NC_021163.1_20215275	Ca_kabuli_chr04	20215275	[A/G]	1067295868
Ca_Kabuli_NC_021163.1_20229504	Ca_kabuli_chr04	20229504	[A/C]	1067295869
Ca_Kabuli_NC_021163.1_20229510	Ca_kabuli_chr04	20229510	[T/C]	1067295870
Ca_Kabuli_NC_021163.1_20229520	Ca_kabuli_chr04	20229520	[A/G]	1067295871
Ca_Kabuli_NC_021163.1_20398685	Ca_kabuli_chr04	20398685	[A/C]	1067295872

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_20398714	Ca_kabuli_chr04	20398714	[A/T]	1067295873
Ca_Kabuli_NC_021163.1_20435986	Ca_kabuli_chr04	20435986	[T/C]	1067295874
Ca_Kabuli_NC_021163.1_20435998	Ca_kabuli_chr04	20435998	[A/G]	1067295875
Ca_Kabuli_NC_021163.1_20436025	Ca_kabuli_chr04	20436025	[T/G]	1067295876
Ca_Kabuli_NC_021163.1_20473194	Ca_kabuli_chr04	20473194	[A/C]	1067295877
Ca_Kabuli_NC_021163.1_20599115	Ca_kabuli_chr04	20599115	[C/T]	1067295878
Ca_Kabuli_NC_021163.1_20668758	Ca_kabuli_chr04	20668758	[T/G]	1067295879
Ca_Kabuli_NC_021163.1_20668802	Ca_kabuli_chr04	20668802	[A/C]	1067295880
Ca_Kabuli_NC_021163.1_20669172	Ca_kabuli_chr04	20669172	[A/C]	1067295881
Ca_Kabuli_NC_021163.1_20669340	Ca_kabuli_chr04	20669340	[A/G]	1067295882
Ca_Kabuli_NC_021163.1_20669365	Ca_kabuli_chr04	20669365	[A/C]	1067295883
Ca_Kabuli_NC_021163.1_20669387	Ca_kabuli_chr04	20669387	[A/G]	1067295884
Ca_Kabuli_NC_021163.1_20669520	Ca_kabuli_chr04	20669520	[A/C]	1067295885
Ca_Kabuli_NC_021163.1_20696943	Ca_kabuli_chr04	20696943	[A/G]	1067295886
Ca_Kabuli_NC_021163.1_20697620	Ca_kabuli_chr04	20697620	[C/T]	1067295887
Ca_Kabuli_NC_021163.1_20697689	Ca_kabuli_chr04	20697689	[A/T]	1067295888
Ca_Kabuli_NC_021163.1_20745125	Ca_kabuli_chr04	20745125	[A/C]	1067295889
Ca_Kabuli_NC_021163.1_20764801	Ca_kabuli_chr04	20764801	[T/C]	1067295890
Ca_Kabuli_NC_021163.1_20764818	Ca_kabuli_chr04	20764818	[A/G]	1067295891
Ca_Kabuli_NC_021163.1_20764913	Ca_kabuli_chr04	20764913	[T/G]	1067295892
Ca_Kabuli_NC_021163.1_20905105	Ca_kabuli_chr04	20905105	[A/G]	1067295893
Ca_Kabuli_NC_021163.1_20907409	Ca_kabuli_chr04	20907409	[T/C]	1067295894
Ca_Kabuli_NC_021163.1_20907435	Ca_kabuli_chr04	20907435	[A/C]	1067295895
Ca_Kabuli_NC_021163.1_21385323	Ca_kabuli_chr04	21385323	[T/G]	1067295896
Ca_Kabuli_NC_021163.1_21409377	Ca_kabuli_chr04	21409377	[T/G]	1067295897
Ca_Kabuli_NC_021163.1_21593215	Ca_kabuli_chr04	21593215	[G/A]	1067295898
Ca_Kabuli_NC_021163.1_21830594	Ca_kabuli_chr04	21830594	[A/G]	1067295899
Ca_Kabuli_NC_021163.1_22079563	Ca_kabuli_chr04	22079563	[T/C]	1067295900
Ca_Kabuli_NC_021163.1_22079657	Ca_kabuli_chr04	22079657	[A/C]	1067295901
Ca_Kabuli_NC_021163.1_22099567	Ca_kabuli_chr04	22099567	[A/T]	1067295902
Ca_Kabuli_NC_021163.1_22108956	Ca_kabuli_chr04	22108956	[A/G]	1067295903
Ca_Kabuli_NC_021163.1_22108961	Ca_kabuli_chr04	22108961	[T/G]	1067295904
Ca_Kabuli_NC_021163.1_22108978	Ca_kabuli_chr04	22108978	[T/A]	1067295905
Ca_Kabuli_NC_021163.1_22124986	Ca_kabuli_chr04	22124986	[C/A]	1067295906

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_22124988	Ca_kabuli_chr04	22124988	[G/A]	1067295908
Ca_Kabuli_NC_021163.1_22238028	Ca_kabuli_chr04	22238028	[A/C]	1067295909
Ca_Kabuli_NC_021163.1_22266672	Ca_kabuli_chr04	22266672	[A/T]	1067295910
Ca_Kabuli_NC_021163.1_22266678	Ca_kabuli_chr04	22266678	[C/A]	1067295911
Ca_Kabuli_NC_021163.1_22289520	Ca_kabuli_chr04	22289520	[T/C]	1067295912
Ca_Kabuli_NC_021163.1_22289561	Ca_kabuli_chr04	22289561	[A/C]	1067295913
Ca_Kabuli_NC_021163.1_22293448	Ca_kabuli_chr04	22293448	[T/G]	1067295914
Ca_Kabuli_NC_021163.1_22293455	Ca_kabuli_chr04	22293455	[T/A]	1067295915
Ca_Kabuli_NC_021163.1_22295491	Ca_kabuli_chr04	22295491	[A/C]	1067295916
Ca_Kabuli_NC_021163.1_22375189	Ca_kabuli_chr04	22375189	[T/G]	1067295917
Ca_Kabuli_NC_021163.1_22375612	Ca_kabuli_chr04	22375612	[A/C]	1067295918
Ca_Kabuli_NC_021163.1_22695001	Ca_kabuli_chr04	22695001	[A/G]	1067295919
Ca_Kabuli_NC_021163.1_22827207	Ca_kabuli_chr04	22827207	[T/C]	1067295920
Ca_Kabuli_NC_021163.1_22850596	Ca_kabuli_chr04	22850596	[C/G]	1067295921
Ca_Kabuli_NC_021163.1_22850617	Ca_kabuli_chr04	22850617	[T/C]	1067295922
Ca_Kabuli_NC_021163.1_22850630	Ca_kabuli_chr04	22850630	[C/A]	1067295923
Ca_Kabuli_NC_021163.1_22850637	Ca_kabuli_chr04	22850637	[T/G]	1067295924
Ca_Kabuli_NC_021163.1_22850643	Ca_kabuli_chr04	22850643	[T/A]	1067295925
Ca_Kabuli_NC_021163.1_22860484	Ca_kabuli_chr04	22860484	[T/G]	1067295926
Ca_Kabuli_NC_021163.1_22860656	Ca_kabuli_chr04	22860656	[C/A]	1067295927
Ca_Kabuli_NC_021163.1_22864624	Ca_kabuli_chr04	22864624	[A/G]	1067295928
Ca_Kabuli_NC_021163.1_22865436	Ca_kabuli_chr04	22865436	[A/T]	1067295929
Ca_Kabuli_NC_021163.1_22904068	Ca_kabuli_chr04	22904068	[T/C]	1067295930
Ca_Kabuli_NC_021163.1_22908336	Ca_kabuli_chr04	22908336	[A/T]	1067295931
Ca_Kabuli_NC_021163.1_22908350	Ca_kabuli_chr04	22908350	[T/A]	1067295932
Ca_Kabuli_NC_021163.1_22908360	Ca_kabuli_chr04	22908360	[A/G]	1067295933
Ca_Kabuli_NC_021163.1_22971678	Ca_kabuli_chr04	22971678	[A/C]	1067295934
Ca_Kabuli_NC_021163.1_22971687	Ca_kabuli_chr04	22971687	[A/G]	1067295935
Ca_Kabuli_NC_021163.1_22971797	Ca_kabuli_chr04	22971797	[T/C]	1067295936
Ca_Kabuli_NC_021163.1_22971853	Ca_kabuli_chr04	22971853	[A/C]	1067295937
Ca_Kabuli_NC_021163.1_23104495	Ca_kabuli_chr04	23104495	[T/G]	1067295938
Ca_Kabuli_NC_021163.1_23104498	Ca_kabuli_chr04	23104498	[T/G]	1067295939
Ca_Kabuli_NC_021163.1_23107182	Ca_kabuli_chr04	23107182	[A/G]	1067295940

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_23157635	Ca_kabuli_chr04	23157635	[T/C]	1067295942
Ca_Kabuli_NC_021163.1_23157638	Ca_kabuli_chr04	23157638	[T/C]	1067295943
Ca_Kabuli_NC_021163.1_23157671	Ca_kabuli_chr04	23157671	[A/G]	1067295944
Ca_Kabuli_NC_021163.1_23194502	Ca_kabuli_chr04	23194502	[T/G]	1067295945
Ca_Kabuli_NC_021163.1_23195429	Ca_kabuli_chr04	23195429	[G/T]	1067295946
Ca_Kabuli_NC_021163.1_23195437	Ca_kabuli_chr04	23195437	[T/C]	1067295947
Ca_Kabuli_NC_021163.1_23195447	Ca_kabuli_chr04	23195447	[G/T]	1067295948
Ca_Kabuli_NC_021163.1_23203064	Ca_kabuli_chr04	23203064	[A/C]	1067295949
Ca_Kabuli_NC_021163.1_23203077	Ca_kabuli_chr04	23203077	[A/G]	1067295950
Ca_Kabuli_NC_021163.1_23267869	Ca_kabuli_chr04	23267869	[A/C]	1067295951
Ca_Kabuli_NC_021163.1_23267883	Ca_kabuli_chr04	23267883	[A/C]	1067295952
Ca_Kabuli_NC_021163.1_23267886	Ca_kabuli_chr04	23267886	[T/A]	1067295953
Ca_Kabuli_NC_021163.1_23267891	Ca_kabuli_chr04	23267891	[C/A]	1067295954
Ca_Kabuli_NC_021163.1_23267915	Ca_kabuli_chr04	23267915	[A/C]	1067295955
Ca_Kabuli_NC_021163.1_23314676	Ca_kabuli_chr04	23314676	[A/C]	1067295956
Ca_Kabuli_NC_021163.1_23331556	Ca_kabuli_chr04	23331556	[A/C]	1067295957
Ca_Kabuli_NC_021163.1_23333583	Ca_kabuli_chr04	23333583	[A/C]	1067295958
Ca_Kabuli_NC_021163.1_23337322	Ca_kabuli_chr04	23337322	[T/C]	1067295959
Ca_Kabuli_NC_021163.1_23337349	Ca_kabuli_chr04	23337349	[T/C]	1067295960
Ca_Kabuli_NC_021163.1_23337430	Ca_kabuli_chr04	23337430	[A/C]	1067295961
Ca_Kabuli_NC_021163.1_23449152	Ca_kabuli_chr04	23449152	[A/C]	1067295962
Ca_Kabuli_NC_021163.1_23449214	Ca_kabuli_chr04	23449214	[A/C]	1067295963
Ca_Kabuli_NC_021163.1_23449298	Ca_kabuli_chr04	23449298	[A/G]	1067295964
Ca_Kabuli_NC_021163.1_23634799	Ca_kabuli_chr04	23634799	[A/C]	1067295965
Ca_Kabuli_NC_021163.1_23671430	Ca_kabuli_chr04	23671430	[T/C]	1067295966
Ca_Kabuli_NC_021163.1_23731599	Ca_kabuli_chr04	23731599	[T/A]	1067295967
Ca_Kabuli_NC_021163.1_23872475	Ca_kabuli_chr04	23872475	[T/G]	1067295968
Ca_Kabuli_NC_021163.1_23921817	Ca_kabuli_chr04	23921817	[T/G]	1067295969
Ca_Kabuli_NC_021163.1_24240537	Ca_kabuli_chr04	24240537	[A/C]	1067295970
Ca_Kabuli_NC_021163.1_24240556	Ca_kabuli_chr04	24240556	[T/A]	1067295971
Ca_Kabuli_NC_021163.1_24261779	Ca_kabuli_chr04	24261779	[A/C]	1067295972
Ca_Kabuli_NC_021163.1_24533026	Ca_kabuli_chr04	24533026	[A/G]	1067295973
Ca_Kabuli_NC_021163.1_24586826	Ca_kabuli_chr04	24586826	[T/G]	1067295974

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_24591231	Ca_kabuli_chr04	24591231	[A/T]	1067295976
Ca_Kabuli_NC_021163.1_24591243	Ca_kabuli_chr04	24591243	[A/G]	1067295977
Ca_Kabuli_NC_021163.1_24615928	Ca_kabuli_chr04	24615928	[A/G]	1067295978
Ca_Kabuli_NC_021163.1_24615942	Ca_kabuli_chr04	24615942	[T/C]	1067295979
Ca_Kabuli_NC_021163.1_24615969	Ca_kabuli_chr04	24615969	[A/G]	1067295980
Ca_Kabuli_NC_021163.1_24615973	Ca_kabuli_chr04	24615973	[A/C]	1067295981
Ca_Kabuli_NC_021163.1_24615990	Ca_kabuli_chr04	24615990	[T/C]	1067295982
Ca_Kabuli_NC_021163.1_24713674	Ca_kabuli_chr04	24713674	[A/T]	1067295983
Ca_Kabuli_NC_021163.1_24713717	Ca_kabuli_chr04	24713717	[T/C]	1067295984
Ca_Kabuli_NC_021163.1_24713725	Ca_kabuli_chr04	24713725	[A/G]	1067295985
Ca_Kabuli_NC_021163.1_24713734	Ca_kabuli_chr04	24713734	[T/A]	1067295986
Ca_Kabuli_NC_021163.1_24719395	Ca_kabuli_chr04	24719395	[T/C]	1067295987
Ca_Kabuli_NC_021163.1_24719409	Ca_kabuli_chr04	24719409	[T/G]	1067295988
Ca_Kabuli_NC_021163.1_24719466	Ca_kabuli_chr04	24719466	[T/G]	1067295989
Ca_Kabuli_NC_021163.1_24719561	Ca_kabuli_chr04	24719561	[A/G]	1067295990
Ca_Kabuli_NC_021163.1_24729157	Ca_kabuli_chr04	24729157	[T/C]	1067295991
Ca_Kabuli_NC_021163.1_24729192	Ca_kabuli_chr04	24729192	[C/A]	1067295992
Ca_Kabuli_NC_021163.1_24729195	Ca_kabuli_chr04	24729195	[G/A]	1067295993
Ca_Kabuli_NC_021163.1_24729198	Ca_kabuli_chr04	24729198	[A/C]	1067295994
Ca_Kabuli_NC_021163.1_24729294	Ca_kabuli_chr04	24729294	[A/C]	1067295995
Ca_Kabuli_NC_021163.1_24771768	Ca_kabuli_chr04	24771768	[A/C]	1067295996
Ca_Kabuli_NC_021163.1_24771771	Ca_kabuli_chr04	24771771	[A/C]	1067295997
Ca_Kabuli_NC_021163.1_24856201	Ca_kabuli_chr04	24856201	[A/G]	1067295998
Ca_Kabuli_NC_021163.1_24857501	Ca_kabuli_chr04	24857501	[A/G]	1067295999
Ca_Kabuli_NC_021163.1_24861477	Ca_kabuli_chr04	24861477	[T/G]	1067296000
Ca_Kabuli_NC_021163.1_25251375	Ca_kabuli_chr04	25251375	[T/C]	1067296001
Ca_Kabuli_NC_021163.1_25251379	Ca_kabuli_chr04	25251379	[A/G]	1067296002
Ca_Kabuli_NC_021163.1_25386077	Ca_kabuli_chr04	25386077	[G/A]	1067296003
Ca_Kabuli_NC_021163.1_25386310	Ca_kabuli_chr04	25386310	[A/T]	1067296004
Ca_Kabuli_NC_021163.1_25386321	Ca_kabuli_chr04	25386321	[T/C]	1067296005
Ca_Kabuli_NC_021163.1_25513681	Ca_kabuli_chr04	25513681	[A/G]	1067296006
Ca_Kabuli_NC_021163.1_25513690	Ca_kabuli_chr04	25513690	[T/C]	1067296007
Ca_Kabuli_NC_021163.1_25650720	Ca_kabuli_chr04	25650720	[A/T]	1067296008

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_25729905	Ca_kabuli_chr04	25729905	[C/A]	1067296011
Ca_Kabuli_NC_021163.1_25817794	Ca_kabuli_chr04	25817794	[T/C]	1067296012
Ca_Kabuli_NC_021163.1_25818698	Ca_kabuli_chr04	25818698	[A/G]	1067296013
Ca_Kabuli_NC_021163.1_25818711	Ca_kabuli_chr04	25818711	[T/C]	1067296014
Ca_Kabuli_NC_021163.1_25818719	Ca_kabuli_chr04	25818719	[T/C]	1067296015
Ca_Kabuli_NC_021163.1_25818731	Ca_kabuli_chr04	25818731	[C/G]	1067296016
Ca_Kabuli_NC_021163.1_25818733	Ca_kabuli_chr04	25818733	[T/C]	1067296017
Ca_Kabuli_NC_021163.1_25818741	Ca_kabuli_chr04	25818741	[T/G]	1067296018
Ca_Kabuli_NC_021163.1_25843911	Ca_kabuli_chr04	25843911	[T/C]	1067296019
Ca_Kabuli_NC_021163.1_25843927	Ca_kabuli_chr04	25843927	[A/G]	1067296020
Ca_Kabuli_NC_021163.1_25843931	Ca_kabuli_chr04	25843931	[T/C]	1067296021
Ca_Kabuli_NC_021163.1_25843937	Ca_kabuli_chr04	25843937	[T/A]	1067296022
Ca_Kabuli_NC_021163.1_25855756	Ca_kabuli_chr04	25855756	[C/A]	1067296023
Ca_Kabuli_NC_021163.1_25985095	Ca_kabuli_chr04	25985095	[T/C]	1067296024
Ca_Kabuli_NC_021163.1_26002991	Ca_kabuli_chr04	26002991	[A/C]	1067296025
Ca_Kabuli_NC_021163.1_26089832	Ca_kabuli_chr04	26089832	[C/T]	1067296026
Ca_Kabuli_NC_021163.1_26219483	Ca_kabuli_chr04	26219483	[T/G]	1067296027
Ca_Kabuli_NC_021163.1_26221325	Ca_kabuli_chr04	26221325	[C/T]	1067296028
Ca_Kabuli_NC_021163.1_26221326	Ca_kabuli_chr04	26221326	[C/T]	1067296029
Ca_Kabuli_NC_021163.1_26221327	Ca_kabuli_chr04	26221327	[G/T]	1067296030
Ca_Kabuli_NC_021163.1_26221336	Ca_kabuli_chr04	26221336	[A/C]	1067296031
Ca_Kabuli_NC_021163.1_26221338	Ca_kabuli_chr04	26221338	[A/C]	1067296032
Ca_Kabuli_NC_021163.1_26529578	Ca_kabuli_chr04	26529578	[A/G]	1067296033
Ca_Kabuli_NC_021163.1_26530930	Ca_kabuli_chr04	26530930	[A/C]	1067296034
Ca_Kabuli_NC_021163.1_26532751	Ca_kabuli_chr04	26532751	[T/C]	1067296035
Ca_Kabuli_NC_021163.1_26532763	Ca_kabuli_chr04	26532763	[T/G]	1067296036
Ca_Kabuli_NC_021163.1_26611657	Ca_kabuli_chr04	26611657	[A/C]	1067296037
Ca_Kabuli_NC_021163.1_26612521	Ca_kabuli_chr04	26612521	[T/A]	1067296038
Ca_Kabuli_NC_021163.1_26612597	Ca_kabuli_chr04	26612597	[G/T]	1067296039
Ca_Kabuli_NC_021163.1_26645875	Ca_kabuli_chr04	26645875	[A/G]	1067296040
Ca_Kabuli_NC_021163.1_26660664	Ca_kabuli_chr04	26660664	[C/T]	1067296041
Ca_Kabuli_NC_021163.1_26764829	Ca_kabuli_chr04	26764829	[T/G]	1067296042

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_26834518	Ca_kabuli_chr04	26834518	[T/C]	1067296045
Ca_Kabuli_NC_021163.1_26869917	Ca_kabuli_chr04	26869917	[A/C]	1067296046
Ca_Kabuli_NC_021163.1_26941637	Ca_kabuli_chr04	26941637	[A/T]	1067296047
Ca_Kabuli_NC_021163.1_26989112	Ca_kabuli_chr04	26989112	[T/G]	1067296048
Ca_Kabuli_NC_021163.1_26989197	Ca_kabuli_chr04	26989197	[A/C]	1067296049
Ca_Kabuli_NC_021163.1_27142314	Ca_kabuli_chr04	27142314	[G/A]	1067296050
Ca_Kabuli_NC_021163.1_27493041	Ca_kabuli_chr04	27493041	[A/G]	1067296051
Ca_Kabuli_NC_021163.1_27493045	Ca_kabuli_chr04	27493045	[T/G]	1067296052
Ca_Kabuli_NC_021163.1_27493051	Ca_kabuli_chr04	27493051	[A/G]	1067296053
Ca_Kabuli_NC_021163.1_27617813	Ca_kabuli_chr04	27617813	[A/C]	1067296054
Ca_Kabuli_NC_021163.1_27669925	Ca_kabuli_chr04	27669925	[T/G]	1067296055
Ca_Kabuli_NC_021163.1_27774461	Ca_kabuli_chr04	27774461	[T/C]	1067296056
Ca_Kabuli_NC_021163.1_27777836	Ca_kabuli_chr04	27777836	[T/C]	1067296057
Ca_Kabuli_NC_021163.1_27777882	Ca_kabuli_chr04	27777882	[T/C]	1067296058
Ca_Kabuli_NC_021163.1_27786230	Ca_kabuli_chr04	27786230	[A/C]	1067296059
Ca_Kabuli_NC_021163.1_27971105	Ca_kabuli_chr04	27971105	[T/A]	1067296060
Ca_Kabuli_NC_021163.1_28060949	Ca_kabuli_chr04	28060949	[T/G]	1067296061
Ca_Kabuli_NC_021163.1_28060964	Ca_kabuli_chr04	28060964	[C/G]	1067296062
Ca_Kabuli_NC_021163.1_28060969	Ca_kabuli_chr04	28060969	[A/G]	1067296063
Ca_Kabuli_NC_021163.1_28092574	Ca_kabuli_chr04	28092574	[T/A]	1067296064
Ca_Kabuli_NC_021163.1_28092616	Ca_kabuli_chr04	28092616	[A/G]	1067296065
Ca_Kabuli_NC_021163.1_28092687	Ca_kabuli_chr04	28092687	[A/G]	1067296066
Ca_Kabuli_NC_021163.1_28092694	Ca_kabuli_chr04	28092694	[T/C]	1067296067
Ca_Kabuli_NC_021163.1_28092705	Ca_kabuli_chr04	28092705	[G/T]	1067296068
Ca_Kabuli_NC_021163.1_28092707	Ca_kabuli_chr04	28092707	[A/G]	1067296069
Ca_Kabuli_NC_021163.1_28092712	Ca_kabuli_chr04	28092712	[T/G]	1067296070
Ca_Kabuli_NC_021163.1_28092719	Ca_kabuli_chr04	28092719	[G/T]	1067296071
Ca_Kabuli_NC_021163.1_28092727	Ca_kabuli_chr04	28092727	[T/A]	1067296072
Ca_Kabuli_NC_021163.1_28246738	Ca_kabuli_chr04	28246738	[C/T]	1067296073
Ca_Kabuli_NC_021163.1_28246744	Ca_kabuli_chr04	28246744	[C/T]	1067296074
Ca_Kabuli_NC_021163.1_28246755	Ca_kabuli_chr04	28246755	[C/T]	1067296075
Ca_Kabuli_NC_021163.1_28246771	Ca_kabuli_chr04	28246771	[A/G]	1067296076

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_28246772	Ca_kabuli_chr04	28246772	[G/T]	1067296077
Ca_Kabuli_NC_021163.1_28299145	Ca_kabuli_chr04	28299145	[T/G]	1067296078
Ca_Kabuli_NC_021163.1_28299148	Ca_kabuli_chr04	28299148	[T/G]	1067296079
Ca_Kabuli_NC_021163.1_28344258	Ca_kabuli_chr04	28344258	[C/G]	1067296080
Ca_Kabuli_NC_021163.1_28431767	Ca_kabuli_chr04	28431767	[A/G]	1067296081
Ca_Kabuli_NC_021163.1_28516385	Ca_kabuli_chr04	28516385	[T/A]	1067296082
Ca_Kabuli_NC_021163.1_28517090	Ca_kabuli_chr04	28517090	[G/T]	1067296083
Ca_Kabuli_NC_021163.1_28669356	Ca_kabuli_chr04	28669356	[C/A]	1067296084
Ca_Kabuli_NC_021163.1_28669368	Ca_kabuli_chr04	28669368	[C/A]	1067296085
Ca_Kabuli_NC_021163.1_28669413	Ca_kabuli_chr04	28669413	[A/G]	1067296086
Ca_Kabuli_NC_021163.1_28790027	Ca_kabuli_chr04	28790027	[T/C]	1067296087
Ca_Kabuli_NC_021163.1_28790030	Ca_kabuli_chr04	28790030	[A/C]	1067296088
Ca_Kabuli_NC_021163.1_28790033	Ca_kabuli_chr04	28790033	[C/T]	1067296089
Ca_Kabuli_NC_021163.1_28790034	Ca_kabuli_chr04	28790034	[T/C]	1067296090
Ca_Kabuli_NC_021163.1_28790036	Ca_kabuli_chr04	28790036	[T/C]	1067296091
Ca_Kabuli_NC_021163.1_28790047	Ca_kabuli_chr04	28790047	[T/C]	1067296092
Ca_Kabuli_NC_021163.1_28790066	Ca_kabuli_chr04	28790066	[A/G]	1067296093
Ca_Kabuli_NC_021163.1_28790085	Ca_kabuli_chr04	28790085	[A/G]	1067296094
Ca_Kabuli_NC_021163.1_28863988	Ca_kabuli_chr04	28863988	[T/G]	1067296095
Ca_Kabuli_NC_021163.1_28867193	Ca_kabuli_chr04	28867193	[A/G]	1067296096
Ca_Kabuli_NC_021163.1_28940492	Ca_kabuli_chr04	28940492	[T/G]	1067296097
Ca_Kabuli_NC_021163.1_28947438	Ca_kabuli_chr04	28947438	[T/C]	1067296098
Ca_Kabuli_NC_021163.1_28947455	Ca_kabuli_chr04	28947455	[A/T]	1067296099
Ca_Kabuli_NC_021163.1_28947498	Ca_kabuli_chr04	28947498	[G/C]	1067296100
Ca_Kabuli_NC_021163.1_29092466	Ca_kabuli_chr04	29092466	[A/G]	1067296101
Ca_Kabuli_NC_021163.1_29092487	Ca_kabuli_chr04	29092487	[T/C]	1067296102
Ca_Kabuli_NC_021163.1_29092521	Ca_kabuli_chr04	29092521	[T/C]	1067296103
Ca_Kabuli_NC_021163.1_29318025	Ca_kabuli_chr04	29318025	[A/G]	1067296104
Ca_Kabuli_NC_021163.1_29318150	Ca_kabuli_chr04	29318150	[G/A]	1067296105
Ca_Kabuli_NC_021163.1_29323082	Ca_kabuli_chr04	29323082	[T/C]	1067296106
Ca_Kabuli_NC_021163.1_29476239	Ca_kabuli_chr04	29476239	[C/T]	1067296107
Ca_Kabuli_NC_021163.1_29524038	Ca_kabuli_chr04	29524038	[A/C]	1067296108
Ca_Kabuli_NC_021163.1_29524039	Ca_kabuli_chr04	29524039	[G/T]	1067296109
Ca_Kabuli_NC_021163.1_29524040	Ca_kabuli_chr04	29524040	[A/C]	1067296110



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_29671606	Ca_kabuli_chr04	29671606	[G/A]	1067296111
Ca_Kabuli_NC_021163.1_29675337	Ca_kabuli_chr04	29675337	[C/T]	1067296112
Ca_Kabuli_NC_021163.1_29680412	Ca_kabuli_chr04	29680412	[C/T]	1067296113
Ca_Kabuli_NC_021163.1_29680875	Ca_kabuli_chr04	29680875	[G/C]	1067296114
Ca_Kabuli_NC_021163.1_29682902	Ca_kabuli_chr04	29682902	[T/C]	1067296115
Ca_Kabuli_NC_021163.1_29682905	Ca_kabuli_chr04	29682905	[C/T]	1067296116
Ca_Kabuli_NC_021163.1_29682915	Ca_kabuli_chr04	29682915	[G/A]	1067296117
Ca_Kabuli_NC_021163.1_29682948	Ca_kabuli_chr04	29682948	[T/A]	1067296118
Ca_Kabuli_NC_021163.1_29689175	Ca_kabuli_chr04	29689175	[A/T]	1067296119
Ca_Kabuli_NC_021163.1_29923380	Ca_kabuli_chr04	29923380	[A/G]	1067296120
Ca_Kabuli_NC_021163.1_29958122	Ca_kabuli_chr04	29958122	[G/T]	1067296121
Ca_Kabuli_NC_021163.1_29972164	Ca_kabuli_chr04	29972164	[G/A]	1067296122
Ca_Kabuli_NC_021163.1_29972199	Ca_kabuli_chr04	29972199	[A/T]	1067296123
Ca_Kabuli_NC_021163.1_30131105	Ca_kabuli_chr04	30131105	[T/C]	1067296124
Ca_Kabuli_NC_021163.1_30151880	Ca_kabuli_chr04	30151880	[C/G]	1067296125
Ca_Kabuli_NC_021163.1_30153505	Ca_kabuli_chr04	30153505	[G/C]	1067296126
Ca_Kabuli_NC_021163.1_30153519	Ca_kabuli_chr04	30153519	[A/C]	1067296127
Ca_Kabuli_NC_021163.1_30153522	Ca_kabuli_chr04	30153522	[A/C]	1067296128
Ca_Kabuli_NC_021163.1_30153525	Ca_kabuli_chr04	30153525	[A/C]	1067296129
Ca_Kabuli_NC_021163.1_30258044	Ca_kabuli_chr04	30258044	[T/A]	1067296130
Ca_Kabuli_NC_021163.1_30258045	Ca_kabuli_chr04	30258045	[T/A]	1067296131
Ca_Kabuli_NC_021163.1_30258056	Ca_kabuli_chr04	30258056	[G/A]	1067296132
Ca_Kabuli_NC_021163.1_30258565	Ca_kabuli_chr04	30258565	[A/G]	1067296133
Ca_Kabuli_NC_021163.1_30258588	Ca_kabuli_chr04	30258588	[T/C]	1067296134
Ca_Kabuli_NC_021163.1_30258593	Ca_kabuli_chr04	30258593	[T/C]	1067296135
Ca_Kabuli_NC_021163.1_30258595	Ca_kabuli_chr04	30258595	[A/G]	1067296136
Ca_Kabuli_NC_021163.1_30258596	Ca_kabuli_chr04	30258596	[G/C]	1067296137
Ca_Kabuli_NC_021163.1_30258604	Ca_kabuli_chr04	30258604	[C/A]	1067296138
Ca_Kabuli_NC_021163.1_30258607	Ca_kabuli_chr04	30258607	[C/A]	1067296139
Ca_Kabuli_NC_021163.1_30258611	Ca_kabuli_chr04	30258611	[A/C]	1067296140
Ca_Kabuli_NC_021163.1_30258621	Ca_kabuli_chr04	30258621	[T/G]	1067296141
Ca_Kabuli_NC_021163.1_30259993	Ca_kabuli_chr04	30259993	[T/G]	1067296142
Ca_Kabuli_NC_021163.1_30259999	Ca_kabuli_chr04	30259999	[T/G]	1067296143
Ca_Kabuli_NC_021163.1_30260494	Ca_kabuli_chr04	30260494	[A/G]	1067296144

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_30260593	Ca_kabuli_chr04	30260593	[A/G]	1067296145
Ca_Kabuli_NC_021163.1_30260626	Ca_kabuli_chr04	30260626	[A/G]	1067296146
Ca_Kabuli_NC_021163.1_30261173	Ca_kabuli_chr04	30261173	[A/G]	1067296147
Ca_Kabuli_NC_021163.1_30299995	Ca_kabuli_chr04	30299995	[T/A]	1067296148
Ca_Kabuli_NC_021163.1_30300334	Ca_kabuli_chr04	30300334	[C/T]	1067296149
Ca_Kabuli_NC_021163.1_30301019	Ca_kabuli_chr04	30301019	[T/C]	1067296150
Ca_Kabuli_NC_021163.1_30301039	Ca_kabuli_chr04	30301039	[A/G]	1067296151
Ca_Kabuli_NC_021163.1_30302554	Ca_kabuli_chr04	30302554	[A/G]	1067296152
Ca_Kabuli_NC_021163.1_30308656	Ca_kabuli_chr04	30308656	[C/A]	1067296153
Ca_Kabuli_NC_021163.1_30308668	Ca_kabuli_chr04	30308668	[A/C]	1067296154
Ca_Kabuli_NC_021163.1_30308684	Ca_kabuli_chr04	30308684	[T/C]	1067296155
Ca_Kabuli_NC_021163.1_30308699	Ca_kabuli_chr04	30308699	[T/G]	1067296156
Ca_Kabuli_NC_021163.1_30308712	Ca_kabuli_chr04	30308712	[T/A]	1067296157
Ca_Kabuli_NC_021163.1_30308759	Ca_kabuli_chr04	30308759	[T/G]	1067296158
Ca_Kabuli_NC_021163.1_30334005	Ca_kabuli_chr04	30334005	[G/A]	1067296159
Ca_Kabuli_NC_021163.1_30463074	Ca_kabuli_chr04	30463074	[G/T]	1067296160
Ca_Kabuli_NC_021163.1_30463076	Ca_kabuli_chr04	30463076	[A/G]	1067296161
Ca_Kabuli_NC_021163.1_30463117	Ca_kabuli_chr04	30463117	[A/C]	1067296162
Ca_Kabuli_NC_021163.1_30580071	Ca_kabuli_chr04	30580071	[A/G]	1067296163
Ca_Kabuli_NC_021163.1_30580097	Ca_kabuli_chr04	30580097	[C/A]	1067296164
Ca_Kabuli_NC_021163.1_30580108	Ca_kabuli_chr04	30580108	[A/G]	1067296165
Ca_Kabuli_NC_021163.1_30599220	Ca_kabuli_chr04	30599220	[A/C]	1067296166
Ca_Kabuli_NC_021163.1_30603949	Ca_kabuli_chr04	30603949	[C/A]	1067296167
Ca_Kabuli_NC_021163.1_30603950	Ca_kabuli_chr04	30603950	[A/G]	1067296168
Ca_Kabuli_NC_021163.1_30603951	Ca_kabuli_chr04	30603951	[T/A]	1067296169
Ca_Kabuli_NC_021163.1_30668893	Ca_kabuli_chr04	30668893	[C/A]	1067296170
Ca_Kabuli_NC_021163.1_30668957	Ca_kabuli_chr04	30668957	[G/A]	1067296171
Ca_Kabuli_NC_021163.1_30668958	Ca_kabuli_chr04	30668958	[A/G]	1067296172
Ca_Kabuli_NC_021163.1_30674579	Ca_kabuli_chr04	30674579	[A/C]	1067296173
Ca_Kabuli_NC_021163.1_30676612	Ca_kabuli_chr04	30676612	[T/C]	1067296174
Ca_Kabuli_NC_021163.1_30676655	Ca_kabuli_chr04	30676655	[A/G]	1067296175
Ca_Kabuli_NC_021163.1_30676669	Ca_kabuli_chr04	30676669	[A/G]	1067296176
Ca_Kabuli_NC_021163.1_30852711	Ca_kabuli_chr04	30852711	[G/A]	1067296177
Ca_Kabuli_NC_021163.1_31142124	Ca_kabuli_chr04	31142124	[G/A]	1067296178

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_31221205	Ca_kabuli_chr04	31221205	[T/A]	1067296181
Ca_Kabuli_NC_021163.1_31221206	Ca_kabuli_chr04	31221206	[A/T]	1067296182
Ca_Kabuli_NC_021163.1_31221226	Ca_kabuli_chr04	31221226	[T/G]	1067296183
Ca_Kabuli_NC_021163.1_31221264	Ca_kabuli_chr04	31221264	[T/G]	1067296184
Ca_Kabuli_NC_021163.1_31224001	Ca_kabuli_chr04	31224001	[G/A]	1067296185
Ca_Kabuli_NC_021163.1_31224341	Ca_kabuli_chr04	31224341	[C/G]	1067296186
Ca_Kabuli_NC_021163.1_31263205	Ca_kabuli_chr04	31263205	[T/A]	1067296187
Ca_Kabuli_NC_021163.1_31594126	Ca_kabuli_chr04	31594126	[A/C]	1067296188
Ca_Kabuli_NC_021163.1_31600685	Ca_kabuli_chr04	31600685	[A/C]	1067296189
Ca_Kabuli_NC_021163.1_31843049	Ca_kabuli_chr04	31843049	[A/C]	1067296190
Ca_Kabuli_NC_021163.1_31843050	Ca_kabuli_chr04	31843050	[G/T]	1067296191
Ca_Kabuli_NC_021163.1_31849494	Ca_kabuli_chr04	31849494	[T/G]	1067296192
Ca_Kabuli_NC_021163.1_31849509	Ca_kabuli_chr04	31849509	[A/C]	1067296193
Ca_Kabuli_NC_021163.1_31884008	Ca_kabuli_chr04	31884008	[A/T]	1067296194
Ca_Kabuli_NC_021163.1_31987824	Ca_kabuli_chr04	31987824	[A/G]	1067296195
Ca_Kabuli_NC_021163.1_31987833	Ca_kabuli_chr04	31987833	[T/C]	1067296196
Ca_Kabuli_NC_021163.1_31987866	Ca_kabuli_chr04	31987866	[A/T]	1067296197
Ca_Kabuli_NC_021163.1_31987877	Ca_kabuli_chr04	31987877	[T/C]	1067296198
Ca_Kabuli_NC_021163.1_32042494	Ca_kabuli_chr04	32042494	[T/C]	1067296199
Ca_Kabuli_NC_021163.1_32042503	Ca_kabuli_chr04	32042503	[A/G]	1067296200
Ca_Kabuli_NC_021163.1_32042517	Ca_kabuli_chr04	32042517	[C/G]	1067296201
Ca_Kabuli_NC_021163.1_32042593	Ca_kabuli_chr04	32042593	[T/G]	1067296202
Ca_Kabuli_NC_021163.1_32042619	Ca_kabuli_chr04	32042619	[T/G]	1067296203
Ca_Kabuli_NC_021163.1_32068987	Ca_kabuli_chr04	32068987	[A/G]	1067296204
Ca_Kabuli_NC_021163.1_32115072	Ca_kabuli_chr04	32115072	[T/G]	1067296205
Ca_Kabuli_NC_021163.1_32115091	Ca_kabuli_chr04	32115091	[T/G]	1067296206
Ca_Kabuli_NC_021163.1_32128327	Ca_kabuli_chr04	32128327	[T/G]	1067296207
Ca_Kabuli_NC_021163.1_32213012	Ca_kabuli_chr04	32213012	[T/G]	1067296208
Ca_Kabuli_NC_021163.1_32421887	Ca_kabuli_chr04	32421887	[T/C]	1067296209
Ca_Kabuli_NC_021163.1_32604583	Ca_kabuli_chr04	32604583	[A/T]	1067296210
Ca_Kabuli_NC_021163.1_32639136	Ca_kabuli_chr04	32639136	[A/C]	1067296211
Ca_Kabuli_NC_021163.1_32639138	Ca_kabuli_chr04	32639138	[T/C]	1067296212

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_32639172	Ca_kabuli_chr04	32639172	[A/C]	1067296213
Ca_Kabuli_NC_021163.1_32639301	Ca_kabuli_chr04	32639301	[A/C]	1067296214
Ca_Kabuli_NC_021163.1_32779855	Ca_kabuli_chr04	32779855	[T/C]	1067296215
Ca_Kabuli_NC_021163.1_32793291	Ca_kabuli_chr04	32793291	[T/A]	1067296216
Ca_Kabuli_NC_021163.1_32835192	Ca_kabuli_chr04	32835192	[C/A]	1067296217
Ca_Kabuli_NC_021163.1_32853834	Ca_kabuli_chr04	32853834	[T/C]	1067296218
Ca_Kabuli_NC_021163.1_32853838	Ca_kabuli_chr04	32853838	[G/T]	1067296219
Ca_Kabuli_NC_021163.1_33276089	Ca_kabuli_chr04	33276089	[C/T]	1067296220
Ca_Kabuli_NC_021163.1_33316940	Ca_kabuli_chr04	33316940	[A/C]	1067296221
Ca_Kabuli_NC_021163.1_33920345	Ca_kabuli_chr04	33920345	[A/T]	1067296222
Ca_Kabuli_NC_021163.1_33920355	Ca_kabuli_chr04	33920355	[A/G]	1067296223
Ca_Kabuli_NC_021163.1_33920443	Ca_kabuli_chr04	33920443	[A/C]	1067296224
Ca_Kabuli_NC_021163.1_33929609	Ca_kabuli_chr04	33929609	[A/G]	1067296225
Ca_Kabuli_NC_021163.1_33929613	Ca_kabuli_chr04	33929613	[G/C]	1067296226
Ca_Kabuli_NC_021163.1_33929633	Ca_kabuli_chr04	33929633	[T/G]	1067296227
Ca_Kabuli_NC_021163.1_33929643	Ca_kabuli_chr04	33929643	[T/C]	1067296228
Ca_Kabuli_NC_021163.1_33929876	Ca_kabuli_chr04	33929876	[A/T]	1067296229
Ca_Kabuli_NC_021163.1_33929902	Ca_kabuli_chr04	33929902	[T/C]	1067296230
Ca_Kabuli_NC_021163.1_33934513	Ca_kabuli_chr04	33934513	[A/C]	1067296231
Ca_Kabuli_NC_021163.1_34222778	Ca_kabuli_chr04	34222778	[T/G]	1067296232
Ca_Kabuli_NC_021163.1_34314413	Ca_kabuli_chr04	34314413	[T/G]	1067296233
Ca_Kabuli_NC_021163.1_34314462	Ca_kabuli_chr04	34314462	[A/G]	1067296234
Ca_Kabuli_NC_021163.1_34317134	Ca_kabuli_chr04	34317134	[C/T]	1067296235
Ca_Kabuli_NC_021163.1_34354537	Ca_kabuli_chr04	34354537	[T/C]	1067296236
Ca_Kabuli_NC_021163.1_34354562	Ca_kabuli_chr04	34354562	[A/G]	1067296237
Ca_Kabuli_NC_021163.1_34487028	Ca_kabuli_chr04	34487028	[T/C]	1067296238
Ca_Kabuli_NC_021163.1_34487061	Ca_kabuli_chr04	34487061	[A/G]	1067296239
Ca_Kabuli_NC_021163.1_34517809	Ca_kabuli_chr04	34517809	[T/C]	1067296240
Ca_Kabuli_NC_021163.1_34744388	Ca_kabuli_chr04	34744388	[A/G]	1067296241
Ca_Kabuli_NC_021163.1_34751509	Ca_kabuli_chr04	34751509	[G/A]	1067296242
Ca_Kabuli_NC_021163.1_34798446	Ca_kabuli_chr04	34798446	[A/T]	1067296243
Ca_Kabuli_NC_021163.1_34798494	Ca_kabuli_chr04	34798494	[A/G]	1067296244
Ca_Kabuli_NC_021163.1_34798572	Ca_kabuli_chr04	34798572	[A/G]	1067296245
Ca_Kabuli_NC_021163.1_34798602	Ca_kabuli_chr04	34798602	[A/G]	1067296246

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_34915986	Ca_kabuli_chr04	34915986	[C/T]	1067296248
Ca_Kabuli_NC_021163.1_34917020	Ca_kabuli_chr04	34917020	[A/G]	1067296249
Ca_Kabuli_NC_021163.1_34917022	Ca_kabuli_chr04	34917022	[T/C]	1067296250
Ca_Kabuli_NC_021163.1_34924595	Ca_kabuli_chr04	34924595	[A/C]	1067296251
Ca_Kabuli_NC_021163.1_35141281	Ca_kabuli_chr04	35141281	[A/T]	1067296252
Ca_Kabuli_NC_021163.1_35168915	Ca_kabuli_chr04	35168915	[C/T]	1067296253
Ca_Kabuli_NC_021163.1_35168939	Ca_kabuli_chr04	35168939	[C/T]	1067296254
Ca_Kabuli_NC_021163.1_35170261	Ca_kabuli_chr04	35170261	[A/C]	1067296255
Ca_Kabuli_NC_021163.1_35170263	Ca_kabuli_chr04	35170263	[A/C]	1067296256
Ca_Kabuli_NC_021163.1_35170563	Ca_kabuli_chr04	35170563	[A/T]	1067296257
Ca_Kabuli_NC_021163.1_35171719	Ca_kabuli_chr04	35171719	[C/T]	1067296258
Ca_Kabuli_NC_021163.1_35228143	Ca_kabuli_chr04	35228143	[A/G]	1067296259
Ca_Kabuli_NC_021163.1_35228155	Ca_kabuli_chr04	35228155	[T/A]	1067296260
Ca_Kabuli_NC_021163.1_35229659	Ca_kabuli_chr04	35229659	[C/T]	1067296261
Ca_Kabuli_NC_021163.1_35229966	Ca_kabuli_chr04	35229966	[C/T]	1067296262
Ca_Kabuli_NC_021163.1_35231891	Ca_kabuli_chr04	35231891	[C/T]	1067296263
Ca_Kabuli_NC_021163.1_35257027	Ca_kabuli_chr04	35257027	[G/T]	1067296264
Ca_Kabuli_NC_021163.1_35257072	Ca_kabuli_chr04	35257072	[G/A]	1067296265
Ca_Kabuli_NC_021163.1_35298965	Ca_kabuli_chr04	35298965	[A/G]	1067296266
Ca_Kabuli_NC_021163.1_35298969	Ca_kabuli_chr04	35298969	[T/C]	1067296267
Ca_Kabuli_NC_021163.1_35298973	Ca_kabuli_chr04	35298973	[A/G]	1067296268
Ca_Kabuli_NC_021163.1_35298985	Ca_kabuli_chr04	35298985	[A/G]	1067296269
Ca_Kabuli_NC_021163.1_35298992	Ca_kabuli_chr04	35298992	[T/C]	1067296270
Ca_Kabuli_NC_021163.1_35299005	Ca_kabuli_chr04	35299005	[T/C]	1067296271
Ca_Kabuli_NC_021163.1_35299046	Ca_kabuli_chr04	35299046	[C/T]	1067296272
Ca_Kabuli_NC_021163.1_35302598	Ca_kabuli_chr04	35302598	[T/C]	1067296273
Ca_Kabuli_NC_021163.1_35303983	Ca_kabuli_chr04	35303983	[A/G]	1067296274
Ca_Kabuli_NC_021163.1_35304102	Ca_kabuli_chr04	35304102	[C/T]	1067296275
Ca_Kabuli_NC_021163.1_35309647	Ca_kabuli_chr04	35309647	[T/G]	1067296276
Ca_Kabuli_NC_021163.1_35327989	Ca_kabuli_chr04	35327989	[G/A]	1067296277
Ca_Kabuli_NC_021163.1_35328213	Ca_kabuli_chr04	35328213	[C/T]	1067296278
Ca_Kabuli_NC_021163.1_35328336	Ca_kabuli_chr04	35328336	[C/A]	1067296279
Ca_Kabuli_NC_021163.1_35328337	Ca_kabuli_chr04	35328337	[A/G]	1067296280

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_35346407	Ca_kabuli_chr04	35346407	[A/G]	1067296282
Ca_Kabuli_NC_021163.1_35346558	Ca_kabuli_chr04	35346558	[T/G]	1067296283
Ca_Kabuli_NC_021163.1_35346857	Ca_kabuli_chr04	35346857	[G/A]	1067296284
Ca_Kabuli_NC_021163.1_35347408	Ca_kabuli_chr04	35347408	[A/G]	1067296285
Ca_Kabuli_NC_021163.1_35381267	Ca_kabuli_chr04	35381267	[C/T]	1067296286
Ca_Kabuli_NC_021163.1_35381289	Ca_kabuli_chr04	35381289	[G/T]	1067296287
Ca_Kabuli_NC_021163.1_35393506	Ca_kabuli_chr04	35393506	[G/T]	1067296288
Ca_Kabuli_NC_021163.1_35393510	Ca_kabuli_chr04	35393510	[T/C]	1067296289
Ca_Kabuli_NC_021163.1_35393527	Ca_kabuli_chr04	35393527	[A/G]	1067296290
Ca_Kabuli_NC_021163.1_35393530	Ca_kabuli_chr04	35393530	[C/A]	1067296291
Ca_Kabuli_NC_021163.1_35393532	Ca_kabuli_chr04	35393532	[T/C]	1067296292
Ca_Kabuli_NC_021163.1_35393534	Ca_kabuli_chr04	35393534	[A/G]	1067296293
Ca_Kabuli_NC_021163.1_35393544	Ca_kabuli_chr04	35393544	[A/G]	1067296294
Ca_Kabuli_NC_021163.1_35393551	Ca_kabuli_chr04	35393551	[A/G]	1067296295
Ca_Kabuli_NC_021163.1_35393565	Ca_kabuli_chr04	35393565	[C/G]	1067296296
Ca_Kabuli_NC_021163.1_35416662	Ca_kabuli_chr04	35416662	[T/C]	1067296297
Ca_Kabuli_NC_021163.1_35455095	Ca_kabuli_chr04	35455095	[A/C]	1067296298
Ca_Kabuli_NC_021163.1_35512265	Ca_kabuli_chr04	35512265	[G/A]	1067296299
Ca_Kabuli_NC_021163.1_35512303	Ca_kabuli_chr04	35512303	[A/G]	1067296300
Ca_Kabuli_NC_021163.1_35517792	Ca_kabuli_chr04	35517792	[C/T]	1067296301
Ca_Kabuli_NC_021163.1_35517793	Ca_kabuli_chr04	35517793	[T/C]	1067296302
Ca_Kabuli_NC_021163.1_35530456	Ca_kabuli_chr04	35530456	[G/A]	1067296303
Ca_Kabuli_NC_021163.1_35574088	Ca_kabuli_chr04	35574088	[G/C]	1067296304
Ca_Kabuli_NC_021163.1_35574338	Ca_kabuli_chr04	35574338	[T/A]	1067296305
Ca_Kabuli_NC_021163.1_35634712	Ca_kabuli_chr04	35634712	[A/G]	1067296306
Ca_Kabuli_NC_021163.1_35634751	Ca_kabuli_chr04	35634751	[A/G]	1067296307
Ca_Kabuli_NC_021163.1_35634873	Ca_kabuli_chr04	35634873	[T/G]	1067296308
Ca_Kabuli_NC_021163.1_35648681	Ca_kabuli_chr04	35648681	[C/T]	1067296309
Ca_Kabuli_NC_021163.1_35652742	Ca_kabuli_chr04	35652742	[T/C]	1067296310
Ca_Kabuli_NC_021163.1_35961593	Ca_kabuli_chr04	35961593	[A/C]	1067296311
Ca_Kabuli_NC_021163.1_35961617	Ca_kabuli_chr04	35961617	[A/G]	1067296312
Ca_Kabuli_NC_021163.1_35977422	Ca_kabuli_chr04	35977422	[G/A]	1067296313
Ca_Kabuli_NC_021163.1_35982209	Ca_kabuli_chr04	35982209	[A/C]	1067296314

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_36154744	Ca_kabuli_chr04	36154744	[T/C]	1067296316
Ca_Kabuli_NC_021163.1_36154786	Ca_kabuli_chr04	36154786	[T/A]	1067296317
Ca_Kabuli_NC_021163.1_36154836	Ca_kabuli_chr04	36154836	[T/G]	1067296318
Ca_Kabuli_NC_021163.1_36154844	Ca_kabuli_chr04	36154844	[T/G]	1067296319
Ca_Kabuli_NC_021163.1_36184787	Ca_kabuli_chr04	36184787	[C/A]	1067296320
Ca_Kabuli_NC_021163.1_36184788	Ca_kabuli_chr04	36184788	[A/G]	1067296321
Ca_Kabuli_NC_021163.1_36276466	Ca_kabuli_chr04	36276466	[T/G]	1067296322
Ca_Kabuli_NC_021163.1_36276514	Ca_kabuli_chr04	36276514	[A/C]	1067296323
Ca_Kabuli_NC_021163.1_36448985	Ca_kabuli_chr04	36448985	[A/C]	1067296324
Ca_Kabuli_NC_021163.1_36464945	Ca_kabuli_chr04	36464945	[T/G]	1067296325
Ca_Kabuli_NC_021163.1_36464998	Ca_kabuli_chr04	36464998	[A/G]	1067296326
Ca_Kabuli_NC_021163.1_36466198	Ca_kabuli_chr04	36466198	[G/A]	1067296327
Ca_Kabuli_NC_021163.1_36466237	Ca_kabuli_chr04	36466237	[G/A]	1067296328
Ca_Kabuli_NC_021163.1_36467980	Ca_kabuli_chr04	36467980	[A/C]	1067296329
Ca_Kabuli_NC_021163.1_36489013	Ca_kabuli_chr04	36489013	[A/G]	1067296330
Ca_Kabuli_NC_021163.1_36537074	Ca_kabuli_chr04	36537074	[T/G]	1067296331
Ca_Kabuli_NC_021163.1_36537161	Ca_kabuli_chr04	36537161	[A/T]	1067296332
Ca_Kabuli_NC_021163.1_36537194	Ca_kabuli_chr04	36537194	[T/G]	1067296333
Ca_Kabuli_NC_021163.1_36537228	Ca_kabuli_chr04	36537228	[T/C]	1067296334
Ca_Kabuli_NC_021163.1_36537249	Ca_kabuli_chr04	36537249	[A/G]	1067296335
Ca_Kabuli_NC_021163.1_36537255	Ca_kabuli_chr04	36537255	[A/G]	1067296336
Ca_Kabuli_NC_021163.1_36541109	Ca_kabuli_chr04	36541109	[A/T]	1067296337
Ca_Kabuli_NC_021163.1_36639382	Ca_kabuli_chr04	36639382	[C/T]	1067296338
Ca_Kabuli_NC_021163.1_36639442	Ca_kabuli_chr04	36639442	[G/A]	1067296339
Ca_Kabuli_NC_021163.1_36645009	Ca_kabuli_chr04	36645009	[T/C]	1067296340
Ca_Kabuli_NC_021163.1_36670226	Ca_kabuli_chr04	36670226	[G/A]	1067296341
Ca_Kabuli_NC_021163.1_36673677	Ca_kabuli_chr04	36673677	[C/A]	1067296342
Ca_Kabuli_NC_021163.1_36677713	Ca_kabuli_chr04	36677713	[C/G]	1067296343
Ca_Kabuli_NC_021163.1_36712806	Ca_kabuli_chr04	36712806	[C/T]	1067296344
Ca_Kabuli_NC_021163.1_36738213	Ca_kabuli_chr04	36738213	[C/G]	1067296345
Ca_Kabuli_NC_021163.1_36738233	Ca_kabuli_chr04	36738233	[A/G]	1067296346
Ca_Kabuli_NC_021163.1_36738433	Ca_kabuli_chr04	36738433	[T/A]	1067296347
Ca_Kabuli_NC_021163.1_36753781	Ca_kabuli_chr04	36753781	[C/T]	1067296348

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_36753988	Ca_kabuli_chr04	36753988	[A/G]	1067296350
Ca_Kabuli_NC_021163.1_36754016	Ca_kabuli_chr04	36754016	[C/T]	1067296351
Ca_Kabuli_NC_021163.1_36754377	Ca_kabuli_chr04	36754377	[T/A]	1067296352
Ca_Kabuli_NC_021163.1_36754378	Ca_kabuli_chr04	36754378	[C/T]	1067296353
Ca_Kabuli_NC_021163.1_36754542	Ca_kabuli_chr04	36754542	[A/T]	1067296354
Ca_Kabuli_NC_021163.1_36756913	Ca_kabuli_chr04	36756913	[A/G]	1067296355
Ca_Kabuli_NC_021163.1_36799668	Ca_kabuli_chr04	36799668	[T/G]	1067296356
Ca_Kabuli_NC_021163.1_36799701	Ca_kabuli_chr04	36799701	[A/G]	1067296357
Ca_Kabuli_NC_021163.1_36831273	Ca_kabuli_chr04	36831273	[C/T]	1067296358
Ca_Kabuli_NC_021163.1_36831477	Ca_kabuli_chr04	36831477	[G/C]	1067296359
Ca_Kabuli_NC_021163.1_36831478	Ca_kabuli_chr04	36831478	[G/T]	1067296360
Ca_Kabuli_NC_021163.1_36834689	Ca_kabuli_chr04	36834689	[T/A]	1067296361
Ca_Kabuli_NC_021163.1_36844197	Ca_kabuli_chr04	36844197	[A/G]	1067296362
Ca_Kabuli_NC_021163.1_36934733	Ca_kabuli_chr04	36934733	[A/G]	1067296363
Ca_Kabuli_NC_021163.1_36975360	Ca_kabuli_chr04	36975360	[G/A]	1067296364
Ca_Kabuli_NC_021163.1_36975361	Ca_kabuli_chr04	36975361	[C/A]	1067296365
Ca_Kabuli_NC_021163.1_36977253	Ca_kabuli_chr04	36977253	[A/G]	1067296366
Ca_Kabuli_NC_021163.1_36979926	Ca_kabuli_chr04	36979926	[G/T]	1067296367
Ca_Kabuli_NC_021163.1_36984727	Ca_kabuli_chr04	36984727	[G/C]	1067296368
Ca_Kabuli_NC_021163.1_36984795	Ca_kabuli_chr04	36984795	[A/T]	1067296369
Ca_Kabuli_NC_021163.1_37006188	Ca_kabuli_chr04	37006188	[A/G]	1067296370
Ca_Kabuli_NC_021163.1_37010914	Ca_kabuli_chr04	37010914	[A/G]	1067296371
Ca_Kabuli_NC_021163.1_37010940	Ca_kabuli_chr04	37010940	[G/A]	1067296372
Ca_Kabuli_NC_021163.1_37010957	Ca_kabuli_chr04	37010957	[A/G]	1067296373
Ca_Kabuli_NC_021163.1_37186531	Ca_kabuli_chr04	37186531	[C/T]	1067296374
Ca_Kabuli_NC_021163.1_37241235	Ca_kabuli_chr04	37241235	[G/A]	1067296375
Ca_Kabuli_NC_021163.1_37241491	Ca_kabuli_chr04	37241491	[G/A]	1067296376
Ca_Kabuli_NC_021163.1_37243069	Ca_kabuli_chr04	37243069	[T/C]	1067296377
Ca_Kabuli_NC_021163.1_37243095	Ca_kabuli_chr04	37243095	[T/A]	1067296378
Ca_Kabuli_NC_021163.1_37243121	Ca_kabuli_chr04	37243121	[A/G]	1067296379
Ca_Kabuli_NC_021163.1_37243129	Ca_kabuli_chr04	37243129	[A/C]	1067296380
Ca_Kabuli_NC_021163.1_37273166	Ca_kabuli_chr04	37273166	[T/C]	1067296381
Ca_Kabuli_NC_021163.1_37293773	Ca_kabuli_chr04	37293773	[T/A]	1067296382



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_37316738	Ca_kabuli_chr04	37316738	[C/T]	1067296385
Ca_Kabuli_NC_021163.1_37329491	Ca_kabuli_chr04	37329491	[T/C]	1067296386
Ca_Kabuli_NC_021163.1_37330335	Ca_kabuli_chr04	37330335	[G/T]	1067296387
Ca_Kabuli_NC_021163.1_37330337	Ca_kabuli_chr04	37330337	[G/T]	1067296388
Ca_Kabuli_NC_021163.1_37330358	Ca_kabuli_chr04	37330358	[A/C]	1067296389
Ca_Kabuli_NC_021163.1_37348360	Ca_kabuli_chr04	37348360	[A/C]	1067296390
Ca_Kabuli_NC_021163.1_37349160	Ca_kabuli_chr04	37349160	[A/T]	1067296391
Ca_Kabuli_NC_021163.1_37349161	Ca_kabuli_chr04	37349161	[T/C]	1067296392
Ca_Kabuli_NC_021163.1_37349162	Ca_kabuli_chr04	37349162	[G/T]	1067296393
Ca_Kabuli_NC_021163.1_37349212	Ca_kabuli_chr04	37349212	[C/A]	1067296394
Ca_Kabuli_NC_021163.1_37356889	Ca_kabuli_chr04	37356889	[C/T]	1067296395
Ca_Kabuli_NC_021163.1_37356892	Ca_kabuli_chr04	37356892	[T/C]	1067296396
Ca_Kabuli_NC_021163.1_37356919	Ca_kabuli_chr04	37356919	[T/A]	1067296397
Ca_Kabuli_NC_021163.1_37356951	Ca_kabuli_chr04	37356951	[C/T]	1067296398
Ca_Kabuli_NC_021163.1_37359987	Ca_kabuli_chr04	37359987	[A/T]	1067296399
Ca_Kabuli_NC_021163.1_37360011	Ca_kabuli_chr04	37360011	[G/T]	1067296400
Ca_Kabuli_NC_021163.1_37364980	Ca_kabuli_chr04	37364980	[A/G]	1067296401
Ca_Kabuli_NC_021163.1_37371411	Ca_kabuli_chr04	37371411	[C/T]	1067296402
Ca_Kabuli_NC_021163.1_37433440	Ca_kabuli_chr04	37433440	[G/T]	1067296403
Ca_Kabuli_NC_021163.1_37437877	Ca_kabuli_chr04	37437877	[A/C]	1067296404
Ca_Kabuli_NC_021163.1_37440652	Ca_kabuli_chr04	37440652	[G/A]	1067296405
Ca_Kabuli_NC_021163.1_37449545	Ca_kabuli_chr04	37449545	[C/T]	1067296406
Ca_Kabuli_NC_021163.1_37450206	Ca_kabuli_chr04	37450206	[C/A]	1067296407
Ca_Kabuli_NC_021163.1_37450294	Ca_kabuli_chr04	37450294	[C/T]	1067296408
Ca_Kabuli_NC_021163.1_37450306	Ca_kabuli_chr04	37450306	[A/C]	1067296409
Ca_Kabuli_NC_021163.1_37450326	Ca_kabuli_chr04	37450326	[T/A]	1067296410
Ca_Kabuli_NC_021163.1_37453497	Ca_kabuli_chr04	37453497	[C/G]	1067296411
Ca_Kabuli_NC_021163.1_37453540	Ca_kabuli_chr04	37453540	[T/C]	1067296412
Ca_Kabuli_NC_021163.1_37453578	Ca_kabuli_chr04	37453578	[A/G]	1067296413
Ca_Kabuli_NC_021163.1_37453643	Ca_kabuli_chr04	37453643	[G/C]	1067296414
Ca_Kabuli_NC_021163.1_37454296	Ca_kabuli_chr04	37454296	[A/G]	1067296415
Ca_Kabuli_NC_021163.1_37454374	Ca_kabuli_chr04	37454374	[C/T]	1067296416

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_37454675	Ca_kabuli_chr04	37454675	[T/G]	1067296418
Ca_Kabuli_NC_021163.1_37455038	Ca_kabuli_chr04	37455038	[A/C]	1067296419
Ca_Kabuli_NC_021163.1_37549862	Ca_kabuli_chr04	37549862	[T/G]	1067296420
Ca_Kabuli_NC_021163.1_37549883	Ca_kabuli_chr04	37549883	[T/C]	1067296421
Ca_Kabuli_NC_021163.1_37550161	Ca_kabuli_chr04	37550161	[T/G]	1067296422
Ca_Kabuli_NC_021163.1_37570104	Ca_kabuli_chr04	37570104	[G/T]	1067296423
Ca_Kabuli_NC_021163.1_37574409	Ca_kabuli_chr04	37574409	[G/A]	1067296424
Ca_Kabuli_NC_021163.1_37576578	Ca_kabuli_chr04	37576578	[A/C]	1067296425
Ca_Kabuli_NC_021163.1_37630404	Ca_kabuli_chr04	37630404	[A/G]	1067296426
Ca_Kabuli_NC_021163.1_37630445	Ca_kabuli_chr04	37630445	[A/G]	1067296427
Ca_Kabuli_NC_021163.1_37632954	Ca_kabuli_chr04	37632954	[A/T]	1067296428
Ca_Kabuli_NC_021163.1_37632972	Ca_kabuli_chr04	37632972	[C/T]	1067296429
Ca_Kabuli_NC_021163.1_37632973	Ca_kabuli_chr04	37632973	[G/A]	1067296430
Ca_Kabuli_NC_021163.1_37633044	Ca_kabuli_chr04	37633044	[C/T]	1067296431
Ca_Kabuli_NC_021163.1_37650745	Ca_kabuli_chr04	37650745	[A/G]	1067296432
Ca_Kabuli_NC_021163.1_37650783	Ca_kabuli_chr04	37650783	[C/A]	1067296433
Ca_Kabuli_NC_021163.1_37688124	Ca_kabuli_chr04	37688124	[G/T]	1067296434
Ca_Kabuli_NC_021163.1_37688361	Ca_kabuli_chr04	37688361	[G/T]	1067296435
Ca_Kabuli_NC_021163.1_37690030	Ca_kabuli_chr04	37690030	[A/G]	1067296436
Ca_Kabuli_NC_021163.1_37690366	Ca_kabuli_chr04	37690366	[A/G]	1067296437
Ca_Kabuli_NC_021163.1_37698067	Ca_kabuli_chr04	37698067	[T/C]	1067296438
Ca_Kabuli_NC_021163.1_37698508	Ca_kabuli_chr04	37698508	[T/G]	1067296439
Ca_Kabuli_NC_021163.1_37698673	Ca_kabuli_chr04	37698673	[C/A]	1067296440
Ca_Kabuli_NC_021163.1_37699173	Ca_kabuli_chr04	37699173	[A/C]	1067296441
Ca_Kabuli_NC_021163.1_37699981	Ca_kabuli_chr04	37699981	[G/T]	1067296442
Ca_Kabuli_NC_021163.1_37706480	Ca_kabuli_chr04	37706480	[T/A]	1067296443
Ca_Kabuli_NC_021163.1_37706496	Ca_kabuli_chr04	37706496	[G/A]	1067296444
Ca_Kabuli_NC_021163.1_37706498	Ca_kabuli_chr04	37706498	[T/G]	1067296445
Ca_Kabuli_NC_021163.1_37708217	Ca_kabuli_chr04	37708217	[A/C]	1067296446
Ca_Kabuli_NC_021163.1_37708220	Ca_kabuli_chr04	37708220	[A/C]	1067296447
Ca_Kabuli_NC_021163.1_37708249	Ca_kabuli_chr04	37708249	[G/T]	1067296448
Ca_Kabuli_NC_021163.1_37708256	Ca_kabuli_chr04	37708256	[A/G]	1067296449
Ca_Kabuli_NC_021163.1_37723097	Ca_kabuli_chr04	37723097	[T/G]	1067296450

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_37754129	Ca_kabuli_chr04	37754129	[G/T]	1067296453
Ca_Kabuli_NC_021163.1_37797651	Ca_kabuli_chr04	37797651	[C/G]	1067296454
Ca_Kabuli_NC_021163.1_37797676	Ca_kabuli_chr04	37797676	[T/C]	1067296455
Ca_Kabuli_NC_021163.1_37797966	Ca_kabuli_chr04	37797966	[T/G]	1067296456
Ca_Kabuli_NC_021163.1_37806689	Ca_kabuli_chr04	37806689	[T/C]	1067296457
Ca_Kabuli_NC_021163.1_37858969	Ca_kabuli_chr04	37858969	[T/G]	1067296458
Ca_Kabuli_NC_021163.1_37859003	Ca_kabuli_chr04	37859003	[T/C]	1067296459
Ca_Kabuli_NC_021163.1_37859011	Ca_kabuli_chr04	37859011	[A/G]	1067296460
Ca_Kabuli_NC_021163.1_37897351	Ca_kabuli_chr04	37897351	[C/A]	1067296461
Ca_Kabuli_NC_021163.1_37898485	Ca_kabuli_chr04	37898485	[G/T]	1067296462
Ca_Kabuli_NC_021163.1_37899646	Ca_kabuli_chr04	37899646	[A/G]	1067296463
Ca_Kabuli_NC_021163.1_37899651	Ca_kabuli_chr04	37899651	[T/C]	1067296464
Ca_Kabuli_NC_021163.1_38008062	Ca_kabuli_chr04	38008062	[A/T]	1067296465
Ca_Kabuli_NC_021163.1_38008082	Ca_kabuli_chr04	38008082	[C/T]	1067296466
Ca_Kabuli_NC_021163.1_38008205	Ca_kabuli_chr04	38008205	[G/A]	1067296467
Ca_Kabuli_NC_021163.1_38008227	Ca_kabuli_chr04	38008227	[G/T]	1067296468
Ca_Kabuli_NC_021163.1_38008527	Ca_kabuli_chr04	38008527	[A/T]	1067296469
Ca_Kabuli_NC_021163.1_38008567	Ca_kabuli_chr04	38008567	[C/A]	1067296470
Ca_Kabuli_NC_021163.1_38029136	Ca_kabuli_chr04	38029136	[G/T]	1067296471
Ca_Kabuli_NC_021163.1_38029208	Ca_kabuli_chr04	38029208	[G/A]	1067296472
Ca_Kabuli_NC_021163.1_38029215	Ca_kabuli_chr04	38029215	[A/T]	1067296473
Ca_Kabuli_NC_021163.1_38029358	Ca_kabuli_chr04	38029358	[A/G]	1067296474
Ca_Kabuli_NC_021163.1_38029380	Ca_kabuli_chr04	38029380	[A/G]	1067296475
Ca_Kabuli_NC_021163.1_38038959	Ca_kabuli_chr04	38038959	[G/A]	1067296476
Ca_Kabuli_NC_021163.1_38039046	Ca_kabuli_chr04	38039046	[T/C]	1067296477
Ca_Kabuli_NC_021163.1_38039251	Ca_kabuli_chr04	38039251	[G/C]	1067296478
Ca_Kabuli_NC_021163.1_38039289	Ca_kabuli_chr04	38039289	[G/A]	1067296479
Ca_Kabuli_NC_021163.1_38060338	Ca_kabuli_chr04	38060338	[T/A]	1067296480
Ca_Kabuli_NC_021163.1_38060368	Ca_kabuli_chr04	38060368	[G/C]	1067296481
Ca_Kabuli_NC_021163.1_38153183	Ca_kabuli_chr04	38153183	[A/C]	1067296482
Ca_Kabuli_NC_021163.1_38153198	Ca_kabuli_chr04	38153198	[T/G]	1067296483
Ca_Kabuli_NC_021163.1_38153216	Ca_kabuli_chr04	38153216	[C/T]	1067296484

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_38172943	Ca_kabuli_chr04	38172943	[A/T]	1067296487
Ca_Kabuli_NC_021163.1_38179583	Ca_kabuli_chr04	38179583	[A/C]	1067296488
Ca_Kabuli_NC_021163.1_38181292	Ca_kabuli_chr04	38181292	[G/A]	1067296489
Ca_Kabuli_NC_021163.1_38181893	Ca_kabuli_chr04	38181893	[G/T]	1067296490
Ca_Kabuli_NC_021163.1_38194159	Ca_kabuli_chr04	38194159	[T/C]	1067296491
Ca_Kabuli_NC_021163.1_38195346	Ca_kabuli_chr04	38195346	[A/G]	1067296492
Ca_Kabuli_NC_021163.1_38215267	Ca_kabuli_chr04	38215267	[A/G]	1067296493
Ca_Kabuli_NC_021163.1_38226374	Ca_kabuli_chr04	38226374	[C/A]	1067296494
Ca_Kabuli_NC_021163.1_38246261	Ca_kabuli_chr04	38246261	[A/C]	1067296495
Ca_Kabuli_NC_021163.1_38246303	Ca_kabuli_chr04	38246303	[A/T]	1067296496
Ca_Kabuli_NC_021163.1_38246306	Ca_kabuli_chr04	38246306	[G/T]	1067296497
Ca_Kabuli_NC_021163.1_38246739	Ca_kabuli_chr04	38246739	[T/G]	1067296498
Ca_Kabuli_NC_021163.1_38246753	Ca_kabuli_chr04	38246753	[A/G]	1067296499
Ca_Kabuli_NC_021163.1_38246775	Ca_kabuli_chr04	38246775	[C/A]	1067296500
Ca_Kabuli_NC_021163.1_38288823	Ca_kabuli_chr04	38288823	[T/G]	1067296501
Ca_Kabuli_NC_021163.1_38289052	Ca_kabuli_chr04	38289052	[A/G]	1067296502
Ca_Kabuli_NC_021163.1_38289066	Ca_kabuli_chr04	38289066	[A/G]	1067296503
Ca_Kabuli_NC_021163.1_38302165	Ca_kabuli_chr04	38302165	[A/T]	1067296504
Ca_Kabuli_NC_021163.1_38302413	Ca_kabuli_chr04	38302413	[G/A]	1067296505
Ca_Kabuli_NC_021163.1_38302445	Ca_kabuli_chr04	38302445	[G/A]	1067296506
Ca_Kabuli_NC_021163.1_38323250	Ca_kabuli_chr04	38323250	[T/A]	1067296507
Ca_Kabuli_NC_021163.1_38323321	Ca_kabuli_chr04	38323321	[T/G]	1067296508
Ca_Kabuli_NC_021163.1_38323345	Ca_kabuli_chr04	38323345	[T/A]	1067296509
Ca_Kabuli_NC_021163.1_38343796	Ca_kabuli_chr04	38343796	[T/C]	1067296510
Ca_Kabuli_NC_021163.1_38358096	Ca_kabuli_chr04	38358096	[G/T]	1067296511
Ca_Kabuli_NC_021163.1_38358129	Ca_kabuli_chr04	38358129	[G/A]	1067296512
Ca_Kabuli_NC_021163.1_38358146	Ca_kabuli_chr04	38358146	[A/C]	1067296513
Ca_Kabuli_NC_021163.1_38358398	Ca_kabuli_chr04	38358398	[A/G]	1067296514
Ca_Kabuli_NC_021163.1_38358672	Ca_kabuli_chr04	38358672	[T/G]	1067296515
Ca_Kabuli_NC_021163.1_38358798	Ca_kabuli_chr04	38358798	[T/A]	1067296516
Ca_Kabuli_NC_021163.1_38358829	Ca_kabuli_chr04	38358829	[A/G]	1067296517
Ca_Kabuli_NC_021163.1_38358849	Ca_kabuli_chr04	38358849	[T/C]	1067296518

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_38363041	Ca_kabuli_chr04	38363041	[C/T]	1067296521
Ca_Kabuli_NC_021163.1_38370768	Ca_kabuli_chr04	38370768	[A/C]	1067296522
Ca_Kabuli_NC_021163.1_38370848	Ca_kabuli_chr04	38370848	[A/G]	1067296523
Ca_Kabuli_NC_021163.1_38370926	Ca_kabuli_chr04	38370926	[T/C]	1067296524
Ca_Kabuli_NC_021163.1_38370939	Ca_kabuli_chr04	38370939	[C/A]	1067296525
Ca_Kabuli_NC_021163.1_38370941	Ca_kabuli_chr04	38370941	[A/G]	1067296526
Ca_Kabuli_NC_021163.1_38381635	Ca_kabuli_chr04	38381635	[C/T]	1067296527
Ca_Kabuli_NC_021163.1_38381646	Ca_kabuli_chr04	38381646	[G/A]	1067296528
Ca_Kabuli_NC_021163.1_38382829	Ca_kabuli_chr04	38382829	[A/C]	1067296529
Ca_Kabuli_NC_021163.1_38382947	Ca_kabuli_chr04	38382947	[C/A]	1067296530
Ca_Kabuli_NC_021163.1_38405153	Ca_kabuli_chr04	38405153	[C/T]	1067296531
Ca_Kabuli_NC_021163.1_38421833	Ca_kabuli_chr04	38421833	[A/G]	1067296532
Ca_Kabuli_NC_021163.1_38422037	Ca_kabuli_chr04	38422037	[T/C]	1067296533
Ca_Kabuli_NC_021163.1_38425720	Ca_kabuli_chr04	38425720	[T/A]	1067296534
Ca_Kabuli_NC_021163.1_38474093	Ca_kabuli_chr04	38474093	[C/T]	1067296535
Ca_Kabuli_NC_021163.1_38474108	Ca_kabuli_chr04	38474108	[T/C]	1067296536
Ca_Kabuli_NC_021163.1_38474123	Ca_kabuli_chr04	38474123	[A/T]	1067296537
Ca_Kabuli_NC_021163.1_38474149	Ca_kabuli_chr04	38474149	[T/C]	1067296538
Ca_Kabuli_NC_021163.1_38475310	Ca_kabuli_chr04	38475310	[A/C]	1067296539
Ca_Kabuli_NC_021163.1_38475425	Ca_kabuli_chr04	38475425	[G/A]	1067296540
Ca_Kabuli_NC_021163.1_38475449	Ca_kabuli_chr04	38475449	[T/A]	1067296541
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Ca_Kabuli_NC_021163.1_38534421	Ca_kabuli_chr04	38534421	[T/C]	1067296543
Ca_Kabuli_NC_021163.1_38536170	Ca_kabuli_chr04	38536170	[A/G]	1067296544
Ca_Kabuli_NC_021163.1_38536332	Ca_kabuli_chr04	38536332	[A/C]	1067296545
Ca_Kabuli_NC_021163.1_38538925	Ca_kabuli_chr04	38538925	[G/T]	1067296546
Ca_Kabuli_NC_021163.1_38540247	Ca_kabuli_chr04	38540247	[G/A]	1067296547
Ca_Kabuli_NC_021163.1_38592107	Ca_kabuli_chr04	38592107	[T/G]	1067296548
Ca_Kabuli_NC_021163.1_38592115	Ca_kabuli_chr04	38592115	[A/G]	1067296549
Ca_Kabuli_NC_021163.1_38659536	Ca_kabuli_chr04	38659536	[T/A]	1067296550
Ca_Kabuli_NC_021163.1_38659625	Ca_kabuli_chr04	38659625	[A/T]	1067296551
Ca_Kabuli_NC_021163.1_38659636	Ca_kabuli_chr04	38659636	[T/G]	1067296552

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_38673445	Ca_kabuli_chr04	38673445	[A/G]	1067296555
Ca_Kabuli_NC_021163.1_38673456	Ca_kabuli_chr04	38673456	[T/C]	1067296556
Ca_Kabuli_NC_021163.1_38673464	Ca_kabuli_chr04	38673464	[A/G]	1067296557
Ca_Kabuli_NC_021163.1_38673483	Ca_kabuli_chr04	38673483	[A/G]	1067296558
Ca_Kabuli_NC_021163.1_38673501	Ca_kabuli_chr04	38673501	[T/C]	1067296559
Ca_Kabuli_NC_021163.1_38679967	Ca_kabuli_chr04	38679967	[T/C]	1067296560
Ca_Kabuli_NC_021163.1_38679991	Ca_kabuli_chr04	38679991	[T/C]	1067296561
Ca_Kabuli_NC_021163.1_38680297	Ca_kabuli_chr04	38680297	[A/C]	1067296562
Ca_Kabuli_NC_021163.1_38680306	Ca_kabuli_chr04	38680306	[A/C]	1067296563
Ca_Kabuli_NC_021163.1_38721160	Ca_kabuli_chr04	38721160	[A/G]	1067296564
Ca_Kabuli_NC_021163.1_38721207	Ca_kabuli_chr04	38721207	[A/C]	1067296565
Ca_Kabuli_NC_021163.1_38724356	Ca_kabuli_chr04	38724356	[C/A]	1067296566
Ca_Kabuli_NC_021163.1_38756507	Ca_kabuli_chr04	38756507	[T/C]	1067296567
Ca_Kabuli_NC_021163.1_38756510	Ca_kabuli_chr04	38756510	[C/G]	1067296568
Ca_Kabuli_NC_021163.1_38759544	Ca_kabuli_chr04	38759544	[T/G]	1067296569
Ca_Kabuli_NC_021163.1_38770348	Ca_kabuli_chr04	38770348	[T/A]	1067296570
Ca_Kabuli_NC_021163.1_38770450	Ca_kabuli_chr04	38770450	[C/G]	1067296571
Ca_Kabuli_NC_021163.1_38785451	Ca_kabuli_chr04	38785451	[A/C]	1067296572
Ca_Kabuli_NC_021163.1_38829961	Ca_kabuli_chr04	38829961	[A/T]	1067296573
Ca_Kabuli_NC_021163.1_38829998	Ca_kabuli_chr04	38829998	[C/G]	1067296574
Ca_Kabuli_NC_021163.1_38833182	Ca_kabuli_chr04	38833182	[T/G]	1067296575
Ca_Kabuli_NC_021163.1_38833280	Ca_kabuli_chr04	38833280	[T/C]	1067296576
Ca_Kabuli_NC_021163.1_38833304	Ca_kabuli_chr04	38833304	[C/A]	1067296577
Ca_Kabuli_NC_021163.1_38833521	Ca_kabuli_chr04	38833521	[G/A]	1067296578
Ca_Kabuli_NC_021163.1_38834474	Ca_kabuli_chr04	38834474	[G/A]	1067296579
Ca_Kabuli_NC_021163.1_38834477	Ca_kabuli_chr04	38834477	[G/A]	1067296580
Ca_Kabuli_NC_021163.1_38836356	Ca_kabuli_chr04	38836356	[T/C]	1067296581
Ca_Kabuli_NC_021163.1_38836381	Ca_kabuli_chr04	38836381	[T/A]	1067296582
Ca_Kabuli_NC_021163.1_38836398	Ca_kabuli_chr04	38836398	[T/C]	1067296583
Ca_Kabuli_NC_021163.1_38836436	Ca_kabuli_chr04	38836436	[T/G]	1067296584
Ca_Kabuli_NC_021163.1_38836454	Ca_kabuli_chr04	38836454	[A/C]	1067296585
Ca_Kabuli_NC_021163.1_38836455	Ca_kabuli_chr04	38836455	[A/C]	1067296586

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_38836457	Ca_kabuli_chr04	38836457	[A/T]	1067296587
Ca_Kabuli_NC_021163.1_38836649	Ca_kabuli_chr04	38836649	[T/C]	1067296588
Ca_Kabuli_NC_021163.1_38888779	Ca_kabuli_chr04	38888779	[T/C]	1067296589
Ca_Kabuli_NC_021163.1_38888791	Ca_kabuli_chr04	38888791	[C/G]	1067296590
Ca_Kabuli_NC_021163.1_38888936	Ca_kabuli_chr04	38888936	[T/G]	1067296591
Ca_Kabuli_NC_021163.1_38888996	Ca_kabuli_chr04	38888996	[T/C]	1067296592
Ca_Kabuli_NC_021163.1_38918394	Ca_kabuli_chr04	38918394	[T/A]	1067296593
Ca_Kabuli_NC_021163.1_38918424	Ca_kabuli_chr04	38918424	[A/G]	1067296594
Ca_Kabuli_NC_021163.1_38918724	Ca_kabuli_chr04	38918724	[C/A]	1067296595
Ca_Kabuli_NC_021163.1_38928945	Ca_kabuli_chr04	38928945	[G/C]	1067296596
Ca_Kabuli_NC_021163.1_38929639	Ca_kabuli_chr04	38929639	[T/A]	1067296597
Ca_Kabuli_NC_021163.1_38929681	Ca_kabuli_chr04	38929681	[A/G]	1067296598
Ca_Kabuli_NC_021163.1_38948380	Ca_kabuli_chr04	38948380	[A/G]	1067296599
Ca_Kabuli_NC_021163.1_38948391	Ca_kabuli_chr04	38948391	[A/C]	1067296600
Ca_Kabuli_NC_021163.1_38948405	Ca_kabuli_chr04	38948405	[C/A]	1067296601
Ca_Kabuli_NC_021163.1_38948407	Ca_kabuli_chr04	38948407	[G/C]	1067296602
Ca_Kabuli_NC_021163.1_38976822	Ca_kabuli_chr04	38976822	[C/A]	1067296603
Ca_Kabuli_NC_021163.1_38976835	Ca_kabuli_chr04	38976835	[G/T]	1067296604
Ca_Kabuli_NC_021163.1_38978405	Ca_kabuli_chr04	38978405	[A/G]	1067296605
Ca_Kabuli_NC_021163.1_38978417	Ca_kabuli_chr04	38978417	[T/A]	1067296606
Ca_Kabuli_NC_021163.1_38978427	Ca_kabuli_chr04	38978427	[A/G]	1067296607
Ca_Kabuli_NC_021163.1_38978435	Ca_kabuli_chr04	38978435	[A/G]	1067296608
Ca_Kabuli_NC_021163.1_38978466	Ca_kabuli_chr04	38978466	[T/A]	1067296609
Ca_Kabuli_NC_021163.1_38979793	Ca_kabuli_chr04	38979793	[T/A]	1067296610
Ca_Kabuli_NC_021163.1_39033052	Ca_kabuli_chr04	39033052	[A/G]	1067296611
Ca_Kabuli_NC_021163.1_39033073	Ca_kabuli_chr04	39033073	[G/C]	1067296612
Ca_Kabuli_NC_021163.1_39033314	Ca_kabuli_chr04	39033314	[C/G]	1067296613
Ca_Kabuli_NC_021163.1_39033838	Ca_kabuli_chr04	39033838	[C/A]	1067296614
Ca_Kabuli_NC_021163.1_39042794	Ca_kabuli_chr04	39042794	[A/G]	1067296615
Ca_Kabuli_NC_021163.1_39042938	Ca_kabuli_chr04	39042938	[T/G]	1067296616
Ca_Kabuli_NC_021163.1_39047261	Ca_kabuli_chr04	39047261	[C/T]	1067296617
Ca_Kabuli_NC_021163.1_39052494	Ca_kabuli_chr04	39052494	[A/G]	1067296618
Ca_Kabuli_NC_021163.1_39081951	Ca_kabuli_chr04	39081951	[A/G]	1067296619
Ca_Kabuli_NC_021163.1_39085061	Ca_kabuli_chr04	39085061	[A/G]	1067296620

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_39086269	Ca_kabuli_chr04	39086269	[G/A]	1067296623
Ca_Kabuli_NC_021163.1_39110692	Ca_kabuli_chr04	39110692	[A/G]	1067296624
Ca_Kabuli_NC_021163.1_39116656	Ca_kabuli_chr04	39116656	[A/G]	1067296625
Ca_Kabuli_NC_021163.1_39116795	Ca_kabuli_chr04	39116795	[C/G]	1067296626
Ca_Kabuli_NC_021163.1_39136826	Ca_kabuli_chr04	39136826	[C/T]	1067296627
Ca_Kabuli_NC_021163.1_39635719	Ca_kabuli_chr04	39635719	[G/T]	1067296628
Ca_Kabuli_NC_021163.1_39635734	Ca_kabuli_chr04	39635734	[A/C]	1067296629
Ca_Kabuli_NC_021163.1_39655306	Ca_kabuli_chr04	39655306	[G/A]	1067296630
Ca_Kabuli_NC_021163.1_39715083	Ca_kabuli_chr04	39715083	[A/G]	1067296631
Ca_Kabuli_NC_021163.1_39715112	Ca_kabuli_chr04	39715112	[T/C]	1067296632
Ca_Kabuli_NC_021163.1_39718739	Ca_kabuli_chr04	39718739	[A/C]	1067296633
Ca_Kabuli_NC_021163.1_39719808	Ca_kabuli_chr04	39719808	[A/C]	1067296634
Ca_Kabuli_NC_021163.1_39803289	Ca_kabuli_chr04	39803289	[A/C]	1067296635
Ca_Kabuli_NC_021163.1_39849639	Ca_kabuli_chr04	39849639	[T/G]	1067296636
Ca_Kabuli_NC_021163.1_40010143	Ca_kabuli_chr04	40010143	[A/C]	1067296637
Ca_Kabuli_NC_021163.1_40010165	Ca_kabuli_chr04	40010165	[A/C]	1067296638
Ca_Kabuli_NC_021163.1_40010180	Ca_kabuli_chr04	40010180	[A/C]	1067296639
Ca_Kabuli_NC_021163.1_40061970	Ca_kabuli_chr04	40061970	[A/C]	1067296640
Ca_Kabuli_NC_021163.1_40159151	Ca_kabuli_chr04	40159151	[A/C]	1067296641
Ca_Kabuli_NC_021163.1_40179388	Ca_kabuli_chr04	40179388	[C/A]	1067296642
Ca_Kabuli_NC_021163.1_40179389	Ca_kabuli_chr04	40179389	[A/G]	1067296643
Ca_Kabuli_NC_021163.1_40349066	Ca_kabuli_chr04	40349066	[A/C]	1067296644
Ca_Kabuli_NC_021163.1_40349094	Ca_kabuli_chr04	40349094	[T/C]	1067296645
Ca_Kabuli_NC_021163.1_40349101	Ca_kabuli_chr04	40349101	[T/C]	1067296646
Ca_Kabuli_NC_021163.1_40349123	Ca_kabuli_chr04	40349123	[T/C]	1067296647
Ca_Kabuli_NC_021163.1_40349143	Ca_kabuli_chr04	40349143	[A/C]	1067296648
Ca_Kabuli_NC_021163.1_40349162	Ca_kabuli_chr04	40349162	[C/G]	1067296649
Ca_Kabuli_NC_021163.1_40349163	Ca_kabuli_chr04	40349163	[A/G]	1067296650
Ca_Kabuli_NC_021163.1_40349186	Ca_kabuli_chr04	40349186	[A/C]	1067296651
Ca_Kabuli_NC_021163.1_40368254	Ca_kabuli_chr04	40368254	[T/G]	1067296652
Ca_Kabuli_NC_021163.1_40375385	Ca_kabuli_chr04	40375385	[A/G]	1067296653
Ca_Kabuli_NC_021163.1_40387949	Ca_kabuli_chr04	40387949	[T/C]	1067296654



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_40429302	Ca_kabuli_chr04	40429302	[T/C]	1067296656
Ca_Kabuli_NC_021163.1_40435006	Ca_kabuli_chr04	40435006	[C/T]	1067296657
Ca_Kabuli_NC_021163.1_40472031	Ca_kabuli_chr04	40472031	[T/C]	1067296658
Ca_Kabuli_NC_021163.1_40481316	Ca_kabuli_chr04	40481316	[T/G]	1067296659
Ca_Kabuli_NC_021163.1_40481319	Ca_kabuli_chr04	40481319	[A/G]	1067296660
Ca_Kabuli_NC_021163.1_40481321	Ca_kabuli_chr04	40481321	[C/T]	1067296661
Ca_Kabuli_NC_021163.1_40481324	Ca_kabuli_chr04	40481324	[C/T]	1067296662
Ca_Kabuli_NC_021163.1_40513601	Ca_kabuli_chr04	40513601	[A/C]	1067296663
Ca_Kabuli_NC_021163.1_40513718	Ca_kabuli_chr04	40513718	[T/G]	1067296664
Ca_Kabuli_NC_021163.1_40513788	Ca_kabuli_chr04	40513788	[A/C]	1067296665
Ca_Kabuli_NC_021163.1_40597195	Ca_kabuli_chr04	40597195	[T/G]	1067296666
Ca_Kabuli_NC_021163.1_40795107	Ca_kabuli_chr04	40795107	[T/C]	1067296667
Ca_Kabuli_NC_021163.1_40801814	Ca_kabuli_chr04	40801814	[A/C]	1067296668
Ca_Kabuli_NC_021163.1_40801824	Ca_kabuli_chr04	40801824	[A/G]	1067296669
Ca_Kabuli_NC_021163.1_40805737	Ca_kabuli_chr04	40805737	[T/C]	1067296670
Ca_Kabuli_NC_021163.1_40805740	Ca_kabuli_chr04	40805740	[C/A]	1067296671
Ca_Kabuli_NC_021163.1_40805952	Ca_kabuli_chr04	40805952	[A/C]	1067296672
Ca_Kabuli_NC_021163.1_40805972	Ca_kabuli_chr04	40805972	[G/A]	1067296673
Ca_Kabuli_NC_021163.1_40816988	Ca_kabuli_chr04	40816988	[T/C]	1067296674
Ca_Kabuli_NC_021163.1_40839857	Ca_kabuli_chr04	40839857	[T/G]	1067296675
Ca_Kabuli_NC_021163.1_40913750	Ca_kabuli_chr04	40913750	[T/C]	1067296676
Ca_Kabuli_NC_021163.1_40913786	Ca_kabuli_chr04	40913786	[A/G]	1067296677
Ca_Kabuli_NC_021163.1_40913801	Ca_kabuli_chr04	40913801	[T/G]	1067296678
Ca_Kabuli_NC_021163.1_40941094	Ca_kabuli_chr04	40941094	[A/T]	1067296679
Ca_Kabuli_NC_021163.1_40941283	Ca_kabuli_chr04	40941283	[A/G]	1067296680
Ca_Kabuli_NC_021163.1_41069987	Ca_kabuli_chr04	41069987	[T/C]	1067296681
Ca_Kabuli_NC_021163.1_41094084	Ca_kabuli_chr04	41094084	[T/G]	1067296682
Ca_Kabuli_NC_021163.1_41094127	Ca_kabuli_chr04	41094127	[T/C]	1067296683
Ca_Kabuli_NC_021163.1_41094150	Ca_kabuli_chr04	41094150	[T/G]	1067296684
Ca_Kabuli_NC_021163.1_41094179	Ca_kabuli_chr04	41094179	[A/G]	1067296685
Ca_Kabuli_NC_021163.1_41094186	Ca_kabuli_chr04	41094186	[A/C]	1067296686
Ca_Kabuli_NC_021163.1_41094723	Ca_kabuli_chr04	41094723	[A/C]	1067296687
Ca_Kabuli_NC_021163.1_41094730	Ca_kabuli_chr04	41094730	[A/C]	1067296688

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_41119721	Ca_kabuli_chr04	41119721	[T/G]	1067296691
Ca_Kabuli_NC_021163.1_41119725	Ca_kabuli_chr04	41119725	[A/G]	1067296692
Ca_Kabuli_NC_021163.1_41139450	Ca_kabuli_chr04	41139450	[A/G]	1067296693
Ca_Kabuli_NC_021163.1_41139466	Ca_kabuli_chr04	41139466	[T/C]	1067296694
Ca_Kabuli_NC_021163.1_41139484	Ca_kabuli_chr04	41139484	[A/G]	1067296695
Ca_Kabuli_NC_021163.1_41139606	Ca_kabuli_chr04	41139606	[A/C]	1067296696
Ca_Kabuli_NC_021163.1_41142249	Ca_kabuli_chr04	41142249	[T/C]	1067296697
Ca_Kabuli_NC_021163.1_41145896	Ca_kabuli_chr04	41145896	[T/A]	1067296698
Ca_Kabuli_NC_021163.1_41145941	Ca_kabuli_chr04	41145941	[A/G]	1067296699
Ca_Kabuli_NC_021163.1_41145944	Ca_kabuli_chr04	41145944	[A/C]	1067296700
Ca_Kabuli_NC_021163.1_41207338	Ca_kabuli_chr04	41207338	[T/C]	1067296701
Ca_Kabuli_NC_021163.1_41207368	Ca_kabuli_chr04	41207368	[A/C]	1067296702
Ca_Kabuli_NC_021163.1_41229597	Ca_kabuli_chr04	41229597	[T/A]	1067296703
Ca_Kabuli_NC_021163.1_41280087	Ca_kabuli_chr04	41280087	[A/G]	1067296704
Ca_Kabuli_NC_021163.1_41285837	Ca_kabuli_chr04	41285837	[A/T]	1067296705
Ca_Kabuli_NC_021163.1_41285842	Ca_kabuli_chr04	41285842	[G/T]	1067296706
Ca_Kabuli_NC_021163.1_41289867	Ca_kabuli_chr04	41289867	[A/C]	1067296707
Ca_Kabuli_NC_021163.1_41328938	Ca_kabuli_chr04	41328938	[T/C]	1067296708
Ca_Kabuli_NC_021163.1_41339625	Ca_kabuli_chr04	41339625	[G/C]	1067296709
Ca_Kabuli_NC_021163.1_41344843	Ca_kabuli_chr04	41344843	[T/A]	1067296710
Ca_Kabuli_NC_021163.1_41344947	Ca_kabuli_chr04	41344947	[A/C]	1067296711
Ca_Kabuli_NC_021163.1_41344958	Ca_kabuli_chr04	41344958	[A/G]	1067296712
Ca_Kabuli_NC_021163.1_41427086	Ca_kabuli_chr04	41427086	[C/A]	1067296713
Ca_Kabuli_NC_021163.1_41445209	Ca_kabuli_chr04	41445209	[A/G]	1067296714
Ca_Kabuli_NC_021163.1_41445212	Ca_kabuli_chr04	41445212	[A/G]	1067296715
Ca_Kabuli_NC_021163.1_41455142	Ca_kabuli_chr04	41455142	[A/C]	1067296716
Ca_Kabuli_NC_021163.1_41568682	Ca_kabuli_chr04	41568682	[A/T]	1067296717
Ca_Kabuli_NC_021163.1_41571837	Ca_kabuli_chr04	41571837	[A/T]	1067296718
Ca_Kabuli_NC_021163.1_41571840	Ca_kabuli_chr04	41571840	[A/G]	1067296719
Ca_Kabuli_NC_021163.1_41571849	Ca_kabuli_chr04	41571849	[A/T]	1067296720
Ca_Kabuli_NC_021163.1_41571864	Ca_kabuli_chr04	41571864	[T/C]	1067296721
Ca_Kabuli_NC_021163.1_41571876	Ca_kabuli_chr04	41571876	[T/G]	1067296722

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_41580613	Ca_kabuli_chr04	41580613	[T/C]	1067296725
Ca_Kabuli_NC_021163.1_41600485	Ca_kabuli_chr04	41600485	[A/C]	1067296726
Ca_Kabuli_NC_021163.1_41700764	Ca_kabuli_chr04	41700764	[A/C]	1067296727
Ca_Kabuli_NC_021163.1_41702759	Ca_kabuli_chr04	41702759	[T/G]	1067296728
Ca_Kabuli_NC_021163.1_41749243	Ca_kabuli_chr04	41749243	[A/C]	1067296729
Ca_Kabuli_NC_021163.1_41751117	Ca_kabuli_chr04	41751117	[T/C]	1067296730
Ca_Kabuli_NC_021163.1_41772742	Ca_kabuli_chr04	41772742	[A/G]	1067296731
Ca_Kabuli_NC_021163.1_41772809	Ca_kabuli_chr04	41772809	[A/T]	1067296732
Ca_Kabuli_NC_021163.1_41790245	Ca_kabuli_chr04	41790245	[A/C]	1067296733
Ca_Kabuli_NC_021163.1_41790247	Ca_kabuli_chr04	41790247	[C/T]	1067296734
Ca_Kabuli_NC_021163.1_41864886	Ca_kabuli_chr04	41864886	[A/C]	1067296735
Ca_Kabuli_NC_021163.1_41864916	Ca_kabuli_chr04	41864916	[A/C]	1067296736
Ca_Kabuli_NC_021163.1_41865096	Ca_kabuli_chr04	41865096	[T/C]	1067296737
Ca_Kabuli_NC_021163.1_41955962	Ca_kabuli_chr04	41955962	[T/C]	1067296738
Ca_Kabuli_NC_021163.1_41969260	Ca_kabuli_chr04	41969260	[C/G]	1067296739
Ca_Kabuli_NC_021163.1_41969261	Ca_kabuli_chr04	41969261	[T/G]	1067296740
Ca_Kabuli_NC_021163.1_41973674	Ca_kabuli_chr04	41973674	[A/G]	1067296741
Ca_Kabuli_NC_021163.1_41973694	Ca_kabuli_chr04	41973694	[T/C]	1067296742
Ca_Kabuli_NC_021163.1_41973700	Ca_kabuli_chr04	41973700	[T/G]	1067296743
Ca_Kabuli_NC_021163.1_41973708	Ca_kabuli_chr04	41973708	[A/G]	1067296744
Ca_Kabuli_NC_021163.1_41973711	Ca_kabuli_chr04	41973711	[G/T]	1067296745
Ca_Kabuli_NC_021163.1_42001659	Ca_kabuli_chr04	42001659	[G/A]	1067296746
Ca_Kabuli_NC_021163.1_42038742	Ca_kabuli_chr04	42038742	[A/T]	1067296747
Ca_Kabuli_NC_021163.1_42038745	Ca_kabuli_chr04	42038745	[A/T]	1067296748
Ca_Kabuli_NC_021163.1_42089384	Ca_kabuli_chr04	42089384	[T/G]	1067296749
Ca_Kabuli_NC_021163.1_42089391	Ca_kabuli_chr04	42089391	[T/G]	1067296750
Ca_Kabuli_NC_021163.1_42143779	Ca_kabuli_chr04	42143779	[G/A]	1067296751
Ca_Kabuli_NC_021163.1_42143836	Ca_kabuli_chr04	42143836	[G/A]	1067296752
Ca_Kabuli_NC_021163.1_42246426	Ca_kabuli_chr04	42246426	[T/A]	1067296753
Ca_Kabuli_NC_021163.1_42246450	Ca_kabuli_chr04	42246450	[C/T]	1067296754
Ca_Kabuli_NC_021163.1_42246458	Ca_kabuli_chr04	42246458	[C/T]	1067296755
Ca_Kabuli_NC_021163.1_42246467	Ca_kabuli_chr04	42246467	[G/T]	1067296756

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_42246664	Ca_kabuli_chr04	42246664	[A/C]	1067296758
Ca_Kabuli_NC_021163.1_42246701	Ca_kabuli_chr04	42246701	[T/C]	1067296759
Ca_Kabuli_NC_021163.1_42496219	Ca_kabuli_chr04	42496219	[T/G]	1067296760
Ca_Kabuli_NC_021163.1_42499678	Ca_kabuli_chr04	42499678	[T/G]	1067296761
Ca_Kabuli_NC_021163.1_42504525	Ca_kabuli_chr04	42504525	[A/G]	1067296762
Ca_Kabuli_NC_021163.1_42592198	Ca_kabuli_chr04	42592198	[G/A]	1067296763
Ca_Kabuli_NC_021163.1_42592210	Ca_kabuli_chr04	42592210	[C/G]	1067296764
Ca_Kabuli_NC_021163.1_42592212	Ca_kabuli_chr04	42592212	[A/G]	1067296765
Ca_Kabuli_NC_021163.1_42592218	Ca_kabuli_chr04	42592218	[C/T]	1067296766
Ca_Kabuli_NC_021163.1_42592232	Ca_kabuli_chr04	42592232	[G/A]	1067296767
Ca_Kabuli_NC_021163.1_43319788	Ca_kabuli_chr04	43319788	[T/G]	1067296768
Ca_Kabuli_NC_021163.1_43319793	Ca_kabuli_chr04	43319793	[T/C]	1067296769
Ca_Kabuli_NC_021163.1_43379488	Ca_kabuli_chr04	43379488	[A/G]	1067296770
Ca_Kabuli_NC_021163.1_43431772	Ca_kabuli_chr04	43431772	[A/T]	1067296771
Ca_Kabuli_NC_021163.1_43497610	Ca_kabuli_chr04	43497610	[C/T]	1067296772
Ca_Kabuli_NC_021163.1_43497613	Ca_kabuli_chr04	43497613	[T/C]	1067296773
Ca_Kabuli_NC_021163.1_43519154	Ca_kabuli_chr04	43519154	[A/G]	1067296774
Ca_Kabuli_NC_021163.1_43519190	Ca_kabuli_chr04	43519190	[T/C]	1067296775
Ca_Kabuli_NC_021163.1_43519197	Ca_kabuli_chr04	43519197	[T/C]	1067296776
Ca_Kabuli_NC_021163.1_43519217	Ca_kabuli_chr04	43519217	[T/C]	1067296777
Ca_Kabuli_NC_021163.1_43571877	Ca_kabuli_chr04	43571877	[C/T]	1067296778
Ca_Kabuli_NC_021163.1_43662160	Ca_kabuli_chr04	43662160	[T/C]	1067296779
Ca_Kabuli_NC_021163.1_43676592	Ca_kabuli_chr04	43676592	[A/C]	1067296780
Ca_Kabuli_NC_021163.1_43723198	Ca_kabuli_chr04	43723198	[G/T]	1067296781
Ca_Kabuli_NC_021163.1_43723199	Ca_kabuli_chr04	43723199	[C/G]	1067296782
Ca_Kabuli_NC_021163.1_43723203	Ca_kabuli_chr04	43723203	[A/C]	1067296783
Ca_Kabuli_NC_021163.1_43723205	Ca_kabuli_chr04	43723205	[T/A]	1067296784
Ca_Kabuli_NC_021163.1_43723223	Ca_kabuli_chr04	43723223	[A/G]	1067296785
Ca_Kabuli_NC_021163.1_43726334	Ca_kabuli_chr04	43726334	[T/C]	1067296786
Ca_Kabuli_NC_021163.1_43726342	Ca_kabuli_chr04	43726342	[T/C]	1067296787
Ca_Kabuli_NC_021163.1_43726378	Ca_kabuli_chr04	43726378	[T/C]	1067296788
Ca_Kabuli_NC_021163.1_43726405	Ca_kabuli_chr04	43726405	[A/G]	1067296789
Ca_Kabuli_NC_021163.1_43729057	Ca_kabuli_chr04	43729057	[A/G]	1067296790

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_43729060	Ca_kabuli_chr04	43729060	[A/T]	1067296791
Ca_Kabuli_NC_021163.1_43730681	Ca_kabuli_chr04	43730681	[A/G]	1067296792
Ca_Kabuli_NC_021163.1_43840662	Ca_kabuli_chr04	43840662	[T/G]	1067296793
Ca_Kabuli_NC_021163.1_43840663	Ca_kabuli_chr04	43840663	[A/T]	1067296794
Ca_Kabuli_NC_021163.1_43840673	Ca_kabuli_chr04	43840673	[T/G]	1067296795
Ca_Kabuli_NC_021163.1_43840689	Ca_kabuli_chr04	43840689	[T/C]	1067296796
Ca_Kabuli_NC_021163.1_43859940	Ca_kabuli_chr04	43859940	[A/G]	1067296797
Ca_Kabuli_NC_021163.1_43889033	Ca_kabuli_chr04	43889033	[A/T]	1067296798
Ca_Kabuli_NC_021163.1_43922411	Ca_kabuli_chr04	43922411	[A/C]	1067296799
Ca_Kabuli_NC_021163.1_43922418	Ca_kabuli_chr04	43922418	[A/C]	1067296800
Ca_Kabuli_NC_021163.1_43922440	Ca_kabuli_chr04	43922440	[A/C]	1067296801
Ca_Kabuli_NC_021163.1_43942501	Ca_kabuli_chr04	43942501	[T/C]	1067296802
Ca_Kabuli_NC_021163.1_43945389	Ca_kabuli_chr04	43945389	[T/C]	1067296803
Ca_Kabuli_NC_021163.1_43945395	Ca_kabuli_chr04	43945395	[A/C]	1067296804
Ca_Kabuli_NC_021163.1_43979186	Ca_kabuli_chr04	43979186	[T/C]	1067296805
Ca_Kabuli_NC_021163.1_43979187	Ca_kabuli_chr04	43979187	[G/T]	1067296806
Ca_Kabuli_NC_021163.1_44059060	Ca_kabuli_chr04	44059060	[C/T]	1067296807
Ca_Kabuli_NC_021163.1_44067747	Ca_kabuli_chr04	44067747	[T/A]	1067296808
Ca_Kabuli_NC_021163.1_44067748	Ca_kabuli_chr04	44067748	[A/C]	1067296809
Ca_Kabuli_NC_021163.1_44090715	Ca_kabuli_chr04	44090715	[A/T]	1067296810
Ca_Kabuli_NC_021163.1_44239776	Ca_kabuli_chr04	44239776	[A/T]	1067296811
Ca_Kabuli_NC_021163.1_44239872	Ca_kabuli_chr04	44239872	[T/C]	1067296812
Ca_Kabuli_NC_021163.1_44239889	Ca_kabuli_chr04	44239889	[A/G]	1067296813
Ca_Kabuli_NC_021163.1_44250230	Ca_kabuli_chr04	44250230	[A/G]	1067296814
Ca_Kabuli_NC_021163.1_44260893	Ca_kabuli_chr04	44260893	[A/C]	1067296815
Ca_Kabuli_NC_021163.1_44261160	Ca_kabuli_chr04	44261160	[T/A]	1067296816
Ca_Kabuli_NC_021163.1_44261172	Ca_kabuli_chr04	44261172	[A/C]	1067296817
Ca_Kabuli_NC_021163.1_44261181	Ca_kabuli_chr04	44261181	[A/C]	1067296818
Ca_Kabuli_NC_021163.1_44261184	Ca_kabuli_chr04	44261184	[A/C]	1067296819
Ca_Kabuli_NC_021163.1_44261928	Ca_kabuli_chr04	44261928	[A/C]	1067296820
Ca_Kabuli_NC_021163.1_44261934	Ca_kabuli_chr04	44261934	[A/C]	1067296821
Ca_Kabuli_NC_021163.1_44261940	Ca_kabuli_chr04	44261940	[A/C]	1067296822
Ca_Kabuli_NC_021163.1_44261967	Ca_kabuli_chr04	44261967	[A/C]	1067296823
Ca_Kabuli_NC_021163.1_44261970	Ca_kabuli_chr04	44261970	[T/C]	1067296824

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_44354436	Ca_kabuli_chr04	44354436	[A/T]	1067296827
Ca_Kabuli_NC_021163.1_44363092	Ca_kabuli_chr04	44363092	[A/T]	1067296828
Ca_Kabuli_NC_021163.1_44366719	Ca_kabuli_chr04	44366719	[T/A]	1067296829
Ca_Kabuli_NC_021163.1_44367755	Ca_kabuli_chr04	44367755	[A/C]	1067296830
Ca_Kabuli_NC_021163.1_44367782	Ca_kabuli_chr04	44367782	[C/A]	1067296831
Ca_Kabuli_NC_021163.1_44372986	Ca_kabuli_chr04	44372986	[C/T]	1067296832
Ca_Kabuli_NC_021163.1_44372998	Ca_kabuli_chr04	44372998	[C/T]	1067296833
Ca_Kabuli_NC_021163.1_44373020	Ca_kabuli_chr04	44373020	[G/C]	1067296834
Ca_Kabuli_NC_021163.1_44373412	Ca_kabuli_chr04	44373412	[C/T]	1067296835
Ca_Kabuli_NC_021163.1_44385456	Ca_kabuli_chr04	44385456	[A/G]	1067296836
Ca_Kabuli_NC_021163.1_44385457	Ca_kabuli_chr04	44385457	[C/T]	1067296837
Ca_Kabuli_NC_021163.1_44388391	Ca_kabuli_chr04	44388391	[G/C]	1067296838
Ca_Kabuli_NC_021163.1_44411260	Ca_kabuli_chr04	44411260	[A/T]	1067296839
Ca_Kabuli_NC_021163.1_44411345	Ca_kabuli_chr04	44411345	[C/T]	1067296840
Ca_Kabuli_NC_021163.1_44411391	Ca_kabuli_chr04	44411391	[G/C]	1067296841
Ca_Kabuli_NC_021163.1_44431319	Ca_kabuli_chr04	44431319	[A/C]	1067296842
Ca_Kabuli_NC_021163.1_44431436	Ca_kabuli_chr04	44431436	[T/C]	1067296843
Ca_Kabuli_NC_021163.1_44431501	Ca_kabuli_chr04	44431501	[T/C]	1067296844
Ca_Kabuli_NC_021163.1_44433095	Ca_kabuli_chr04	44433095	[A/G]	1067296845
Ca_Kabuli_NC_021163.1_44439492	Ca_kabuli_chr04	44439492	[G/T]	1067296846
Ca_Kabuli_NC_021163.1_44439570	Ca_kabuli_chr04	44439570	[C/T]	1067296847
Ca_Kabuli_NC_021163.1_44446575	Ca_kabuli_chr04	44446575	[G/A]	1067296848
Ca_Kabuli_NC_021163.1_44451062	Ca_kabuli_chr04	44451062	[C/T]	1067296849
Ca_Kabuli_NC_021163.1_44451765	Ca_kabuli_chr04	44451765	[G/A]	1067296850
Ca_Kabuli_NC_021163.1_44453175	Ca_kabuli_chr04	44453175	[C/A]	1067296851
Ca_Kabuli_NC_021163.1_44453192	Ca_kabuli_chr04	44453192	[A/G]	1067296852
Ca_Kabuli_NC_021163.1_44453216	Ca_kabuli_chr04	44453216	[A/G]	1067296853
Ca_Kabuli_NC_021163.1_44458789	Ca_kabuli_chr04	44458789	[T/C]	1067296854
Ca_Kabuli_NC_021163.1_44472237	Ca_kabuli_chr04	44472237	[T/A]	1067296855
Ca_Kabuli_NC_021163.1_44472269	Ca_kabuli_chr04	44472269	[T/G]	1067296856
Ca_Kabuli_NC_021163.1_44534136	Ca_kabuli_chr04	44534136	[C/A]	1067296857
Ca_Kabuli_NC_021163.1_44534137	Ca_kabuli_chr04	44534137	[T/G]	1067296858

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_44558549	Ca_kabuli_chr04	44558549	[C/T]	1067296861
Ca_Kabuli_NC_021163.1_44590652	Ca_kabuli_chr04	44590652	[C/T]	1067296862
Ca_Kabuli_NC_021163.1_44590678	Ca_kabuli_chr04	44590678	[G/A]	1067296863
Ca_Kabuli_NC_021163.1_44590697	Ca_kabuli_chr04	44590697	[A/C]	1067296864
Ca_Kabuli_NC_021163.1_44591405	Ca_kabuli_chr04	44591405	[G/T]	1067296865
Ca_Kabuli_NC_021163.1_44634703	Ca_kabuli_chr04	44634703	[G/A]	1067296866
Ca_Kabuli_NC_021163.1_44655132	Ca_kabuli_chr04	44655132	[T/G]	1067296867
Ca_Kabuli_NC_021163.1_44655248	Ca_kabuli_chr04	44655248	[C/T]	1067296868
Ca_Kabuli_NC_021163.1_44731563	Ca_kabuli_chr04	44731563	[T/C]	1067296869
Ca_Kabuli_NC_021163.1_44754355	Ca_kabuli_chr04	44754355	[C/T]	1067296870
Ca_Kabuli_NC_021163.1_44754426	Ca_kabuli_chr04	44754426	[A/C]	1067296871
Ca_Kabuli_NC_021163.1_44756435	Ca_kabuli_chr04	44756435	[T/A]	1067296872
Ca_Kabuli_NC_021163.1_44802374	Ca_kabuli_chr04	44802374	[A/G]	1067296873
Ca_Kabuli_NC_021163.1_44803694	Ca_kabuli_chr04	44803694	[T/A]	1067296874
Ca_Kabuli_NC_021163.1_44811433	Ca_kabuli_chr04	44811433	[T/C]	1067296875
Ca_Kabuli_NC_021163.1_44811530	Ca_kabuli_chr04	44811530	[T/C]	1067296876
Ca_Kabuli_NC_021163.1_44811534	Ca_kabuli_chr04	44811534	[A/C]	1067296877
Ca_Kabuli_NC_021163.1_44814981	Ca_kabuli_chr04	44814981	[T/C]	1067296878
Ca_Kabuli_NC_021163.1_44814982	Ca_kabuli_chr04	44814982	[A/G]	1067296879
Ca_Kabuli_NC_021163.1_44824103	Ca_kabuli_chr04	44824103	[T/G]	1067296880
Ca_Kabuli_NC_021163.1_44824105	Ca_kabuli_chr04	44824105	[G/T]	1067296881
Ca_Kabuli_NC_021163.1_44824342	Ca_kabuli_chr04	44824342	[A/C]	1067296882
Ca_Kabuli_NC_021163.1_44824360	Ca_kabuli_chr04	44824360	[A/G]	1067296883
Ca_Kabuli_NC_021163.1_44832121	Ca_kabuli_chr04	44832121	[G/C]	1067296884
Ca_Kabuli_NC_021163.1_44832144	Ca_kabuli_chr04	44832144	[T/C]	1067296885
Ca_Kabuli_NC_021163.1_44849384	Ca_kabuli_chr04	44849384	[G/A]	1067296886
Ca_Kabuli_NC_021163.1_44871398	Ca_kabuli_chr04	44871398	[G/A]	1067296887
Ca_Kabuli_NC_021163.1_44871469	Ca_kabuli_chr04	44871469	[A/G]	1067296888
Ca_Kabuli_NC_021163.1_44871550	Ca_kabuli_chr04	44871550	[A/C]	1067296889
Ca_Kabuli_NC_021163.1_44906255	Ca_kabuli_chr04	44906255	[A/G]	1067296890
Ca_Kabuli_NC_021163.1_44952217	Ca_kabuli_chr04	44952217	[T/C]	1067296891
Ca_Kabuli_NC_021163.1_44952223	Ca_kabuli_chr04	44952223	[C/G]	1067296892

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_45019778	Ca_kabuli_chr04	45019778	[C/T]	1067296895
Ca_Kabuli_NC_021163.1_45019805	Ca_kabuli_chr04	45019805	[C/A]	1067296896
Ca_Kabuli_NC_021163.1_45019807	Ca_kabuli_chr04	45019807	[C/T]	1067296897
Ca_Kabuli_NC_021163.1_45019822	Ca_kabuli_chr04	45019822	[G/A]	1067296898
Ca_Kabuli_NC_021163.1_45022550	Ca_kabuli_chr04	45022550	[A/T]	1067296899
Ca_Kabuli_NC_021163.1_45022634	Ca_kabuli_chr04	45022634	[G/C]	1067296900
Ca_Kabuli_NC_021163.1_45033480	Ca_kabuli_chr04	45033480	[C/T]	1067296901
Ca_Kabuli_NC_021163.1_45035589	Ca_kabuli_chr04	45035589	[G/T]	1067296902
Ca_Kabuli_NC_021163.1_45067525	Ca_kabuli_chr04	45067525	[A/T]	1067296903
Ca_Kabuli_NC_021163.1_45089570	Ca_kabuli_chr04	45089570	[C/T]	1067296904
Ca_Kabuli_NC_021163.1_45104683	Ca_kabuli_chr04	45104683	[A/G]	1067296905
Ca_Kabuli_NC_021163.1_45104696	Ca_kabuli_chr04	45104696	[A/G]	1067296906
Ca_Kabuli_NC_021163.1_45104707	Ca_kabuli_chr04	45104707	[T/C]	1067296907
Ca_Kabuli_NC_021163.1_45104714	Ca_kabuli_chr04	45104714	[T/C]	1067296908
Ca_Kabuli_NC_021163.1_45104726	Ca_kabuli_chr04	45104726	[A/G]	1067296909
Ca_Kabuli_NC_021163.1_45104767	Ca_kabuli_chr04	45104767	[G/A]	1067296910
Ca_Kabuli_NC_021163.1_45104779	Ca_kabuli_chr04	45104779	[C/A]	1067296911
Ca_Kabuli_NC_021163.1_45109319	Ca_kabuli_chr04	45109319	[A/G]	1067296912
Ca_Kabuli_NC_021163.1_45109345	Ca_kabuli_chr04	45109345	[T/A]	1067296913
Ca_Kabuli_NC_021163.1_45125568	Ca_kabuli_chr04	45125568	[T/A]	1067296914
Ca_Kabuli_NC_021163.1_45126517	Ca_kabuli_chr04	45126517	[A/G]	1067296915
Ca_Kabuli_NC_021163.1_45135282	Ca_kabuli_chr04	45135282	[A/T]	1067296916
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Ca_Kabuli_NC_021163.1_45136480	Ca_kabuli_chr04	45136480	[T/C]	1067296918
Ca_Kabuli_NC_021163.1_45152327	Ca_kabuli_chr04	45152327	[G/T]	1067296919
Ca_Kabuli_NC_021163.1_45152342	Ca_kabuli_chr04	45152342	[C/A]	1067296920
Ca_Kabuli_NC_021163.1_45152343	Ca_kabuli_chr04	45152343	[T/G]	1067296921
Ca_Kabuli_NC_021163.1_45152344	Ca_kabuli_chr04	45152344	[C/A]	1067296922
Ca_Kabuli_NC_021163.1_45153110	Ca_kabuli_chr04	45153110	[C/T]	1067296923
Ca_Kabuli_NC_021163.1_45158491	Ca_kabuli_chr04	45158491	[T/C]	1067296924
Ca_Kabuli_NC_021163.1_45158497	Ca_kabuli_chr04	45158497	[T/C]	1067296925
Ca_Kabuli_NC_021163.1_45159504	Ca_kabuli_chr04	45159504	[G/A]	1067296926



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_45165191	Ca_kabuli_chr04	45165191	[T/C]	1067296927
Ca_Kabuli_NC_021163.1_45165327	Ca_kabuli_chr04	45165327	[T/C]	1067296928
Ca_Kabuli_NC_021163.1_45165807	Ca_kabuli_chr04	45165807	[C/T]	1067296929
Ca_Kabuli_NC_021163.1_45166848	Ca_kabuli_chr04	45166848	[A/T]	1067296930
Ca_Kabuli_NC_021163.1_45200660	Ca_kabuli_chr04	45200660	[T/C]	1067296931
Ca_Kabuli_NC_021163.1_45200661	Ca_kabuli_chr04	45200661	[G/T]	1067296932
Ca_Kabuli_NC_021163.1_45204033	Ca_kabuli_chr04	45204033	[G/A]	1067296933
Ca_Kabuli_NC_021163.1_45204213	Ca_kabuli_chr04	45204213	[A/G]	1067296934
Ca_Kabuli_NC_021163.1_45206130	Ca_kabuli_chr04	45206130	[T/G]	1067296935
Ca_Kabuli_NC_021163.1_45206175	Ca_kabuli_chr04	45206175	[C/A]	1067296936
Ca_Kabuli_NC_021163.1_45206176	Ca_kabuli_chr04	45206176	[T/G]	1067296937
Ca_Kabuli_NC_021163.1_45206177	Ca_kabuli_chr04	45206177	[T/A]	1067296938
Ca_Kabuli_NC_021163.1_45220422	Ca_kabuli_chr04	45220422	[C/T]	1067296939
Ca_Kabuli_NC_021163.1_45220432	Ca_kabuli_chr04	45220432	[T/G]	1067296940
Ca_Kabuli_NC_021163.1_45220438	Ca_kabuli_chr04	45220438	[T/G]	1067296941
Ca_Kabuli_NC_021163.1_45220448	Ca_kabuli_chr04	45220448	[G/A]	1067296942
Ca_Kabuli_NC_021163.1_45220498	Ca_kabuli_chr04	45220498	[A/C]	1067296943
Ca_Kabuli_NC_021163.1_45220580	Ca_kabuli_chr04	45220580	[A/C]	1067296944
Ca_Kabuli_NC_021163.1_45220599	Ca_kabuli_chr04	45220599	[T/G]	1067296945
Ca_Kabuli_NC_021163.1_45220607	Ca_kabuli_chr04	45220607	[A/C]	1067296946
Ca_Kabuli_NC_021163.1_45220691	Ca_kabuli_chr04	45220691	[A/G]	1067296947
Ca_Kabuli_NC_021163.1_45220696	Ca_kabuli_chr04	45220696	[A/C]	1067296948
Ca_Kabuli_NC_021163.1_45220879	Ca_kabuli_chr04	45220879	[T/C]	1067296949
Ca_Kabuli_NC_021163.1_45220916	Ca_kabuli_chr04	45220916	[T/C]	1067296950
Ca_Kabuli_NC_021163.1_45225059	Ca_kabuli_chr04	45225059	[G/A]	1067296951
Ca_Kabuli_NC_021163.1_45225077	Ca_kabuli_chr04	45225077	[A/T]	1067296952
Ca_Kabuli_NC_021163.1_45225093	Ca_kabuli_chr04	45225093	[G/A]	1067296953
Ca_Kabuli_NC_021163.1_45225165	Ca_kabuli_chr04	45225165	[T/C]	1067296954
Ca_Kabuli_NC_021163.1_45231839	Ca_kabuli_chr04	45231839	[T/C]	1067296955
Ca_Kabuli_NC_021163.1_45256989	Ca_kabuli_chr04	45256989	[A/G]	1067296956
Ca_Kabuli_NC_021163.1_45335231	Ca_kabuli_chr04	45335231	[G/A]	1067296957
Ca_Kabuli_NC_021163.1_45335241	Ca_kabuli_chr04	45335241	[T/G]	1067296958
Ca_Kabuli_NC_021163.1_45347134	Ca_kabuli_chr04	45347134	[G/C]	1067296959
Ca_Kabuli_NC_021163.1_45347135	Ca_kabuli_chr04	45347135	[G/T]	1067296960

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_45535905	Ca_kabuli_chr04	45535905	[T/G]	1067296961
Ca_Kabuli_NC_021163.1_45612147	Ca_kabuli_chr04	45612147	[A/G]	1067296962
Ca_Kabuli_NC_021163.1_45751621	Ca_kabuli_chr04	45751621	[T/C]	1067296963
Ca_Kabuli_NC_021163.1_45751646	Ca_kabuli_chr04	45751646	[T/C]	1067296964
Ca_Kabuli_NC_021163.1_45752844	Ca_kabuli_chr04	45752844	[G/A]	1067296965
Ca_Kabuli_NC_021163.1_45752850	Ca_kabuli_chr04	45752850	[T/G]	1067296966
Ca_Kabuli_NC_021163.1_45752869	Ca_kabuli_chr04	45752869	[G/T]	1067296967
Ca_Kabuli_NC_021163.1_45752874	Ca_kabuli_chr04	45752874	[A/T]	1067296968
Ca_Kabuli_NC_021163.1_45918958	Ca_kabuli_chr04	45918958	[A/C]	1067296969
Ca_Kabuli_NC_021163.1_45935599	Ca_kabuli_chr04	45935599	[A/C]	1067296970
Ca_Kabuli_NC_021163.1_45942471	Ca_kabuli_chr04	45942471	[C/A]	1067296971
Ca_Kabuli_NC_021163.1_45942473	Ca_kabuli_chr04	45942473	[T/C]	1067296972
Ca_Kabuli_NC_021163.1_46134225	Ca_kabuli_chr04	46134225	[T/C]	1067296973
Ca_Kabuli_NC_021163.1_46134238	Ca_kabuli_chr04	46134238	[A/G]	1067296974
Ca_Kabuli_NC_021163.1_46134253	Ca_kabuli_chr04	46134253	[T/C]	1067296975
Ca_Kabuli_NC_021163.1_46134348	Ca_kabuli_chr04	46134348	[T/C]	1067296976
Ca_Kabuli_NC_021163.1_46140738	Ca_kabuli_chr04	46140738	[A/G]	1067296977
Ca_Kabuli_NC_021163.1_46150755	Ca_kabuli_chr04	46150755	[A/C]	1067296978
Ca_Kabuli_NC_021163.1_46263193	Ca_kabuli_chr04	46263193	[T/G]	1067296979
Ca_Kabuli_NC_021163.1_46263200	Ca_kabuli_chr04	46263200	[A/T]	1067296980
Ca_Kabuli_NC_021163.1_46371703	Ca_kabuli_chr04	46371703	[A/G]	1067296981
Ca_Kabuli_NC_021163.1_46371764	Ca_kabuli_chr04	46371764	[T/C]	1067296982
Ca_Kabuli_NC_021163.1_46392528	Ca_kabuli_chr04	46392528	[T/C]	1067296983
Ca_Kabuli_NC_021163.1_46392555	Ca_kabuli_chr04	46392555	[T/G]	1067296984
Ca_Kabuli_NC_021163.1_46392588	Ca_kabuli_chr04	46392588	[G/A]	1067296985
Ca_Kabuli_NC_021163.1_46402114	Ca_kabuli_chr04	46402114	[A/C]	1067296986
Ca_Kabuli_NC_021163.1_46430297	Ca_kabuli_chr04	46430297	[A/G]	1067296987
Ca_Kabuli_NC_021163.1_46430331	Ca_kabuli_chr04	46430331	[T/G]	1067296988
Ca_Kabuli_NC_021163.1_46430344	Ca_kabuli_chr04	46430344	[T/G]	1067296989
Ca_Kabuli_NC_021163.1_46434287	Ca_kabuli_chr04	46434287	[A/C]	1067296990
Ca_Kabuli_NC_021163.1_46463324	Ca_kabuli_chr04	46463324	[T/A]	1067296991
Ca_Kabuli_NC_021163.1_46521568	Ca_kabuli_chr04	46521568	[T/G]	1067296992
Ca_Kabuli_NC_021163.1_46521576	Ca_kabuli_chr04	46521576	[A/C]	1067296993
Ca_Kabuli_NC_021163.1_46521581	Ca_kabuli_chr04	46521581	[A/C]	1067296994

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_46534847	Ca_kabuli_chr04	46534847	[T/C]	1067296996
Ca_Kabuli_NC_021163.1_46534848	Ca_kabuli_chr04	46534848	[G/T]	1067296997
Ca_Kabuli_NC_021163.1_46605136	Ca_kabuli_chr04	46605136	[A/T]	1067296998
Ca_Kabuli_NC_021163.1_46605150	Ca_kabuli_chr04	46605150	[A/G]	1067296999
Ca_Kabuli_NC_021163.1_46605158	Ca_kabuli_chr04	46605158	[T/C]	1067297000
Ca_Kabuli_NC_021163.1_46612214	Ca_kabuli_chr04	46612214	[C/T]	1067297001
Ca_Kabuli_NC_021163.1_46612228	Ca_kabuli_chr04	46612228	[A/C]	1067297002
Ca_Kabuli_NC_021163.1_46612240	Ca_kabuli_chr04	46612240	[A/C]	1067297003
Ca_Kabuli_NC_021163.1_46613012	Ca_kabuli_chr04	46613012	[A/C]	1067297004
Ca_Kabuli_NC_021163.1_46613068	Ca_kabuli_chr04	46613068	[G/T]	1067297005
Ca_Kabuli_NC_021163.1_46613075	Ca_kabuli_chr04	46613075	[A/T]	1067297006
Ca_Kabuli_NC_021163.1_46613089	Ca_kabuli_chr04	46613089	[A/G]	1067297007
Ca_Kabuli_NC_021163.1_46613097	Ca_kabuli_chr04	46613097	[T/C]	1067297008
Ca_Kabuli_NC_021163.1_46613098	Ca_kabuli_chr04	46613098	[T/C]	1067297009
Ca_Kabuli_NC_021163.1_46651499	Ca_kabuli_chr04	46651499	[A/C]	1067297010
Ca_Kabuli_NC_021163.1_46713873	Ca_kabuli_chr04	46713873	[A/G]	1067297011
Ca_Kabuli_NC_021163.1_46713886	Ca_kabuli_chr04	46713886	[T/G]	1067297012
Ca_Kabuli_NC_021163.1_46713939	Ca_kabuli_chr04	46713939	[A/T]	1067297013
Ca_Kabuli_NC_021163.1_46713940	Ca_kabuli_chr04	46713940	[A/C]	1067297014
Ca_Kabuli_NC_021163.1_46713941	Ca_kabuli_chr04	46713941	[G/T]	1067297015
Ca_Kabuli_NC_021163.1_46713948	Ca_kabuli_chr04	46713948	[T/G]	1067297016
Ca_Kabuli_NC_021163.1_46714984	Ca_kabuli_chr04	46714984	[T/G]	1067297017
Ca_Kabuli_NC_021163.1_46715661	Ca_kabuli_chr04	46715661	[T/G]	1067297018
Ca_Kabuli_NC_021163.1_46717150	Ca_kabuli_chr04	46717150	[A/G]	1067297019
Ca_Kabuli_NC_021163.1_46717170	Ca_kabuli_chr04	46717170	[A/G]	1067297020
Ca_Kabuli_NC_021163.1_46717200	Ca_kabuli_chr04	46717200	[C/T]	1067297021
Ca_Kabuli_NC_021163.1_46733965	Ca_kabuli_chr04	46733965	[A/G]	1067297022
Ca_Kabuli_NC_021163.1_47223533	Ca_kabuli_chr04	47223533	[T/A]	1067297023
Ca_Kabuli_NC_021163.1_47223627	Ca_kabuli_chr04	47223627	[C/G]	1067297024
Ca_Kabuli_NC_021163.1_47223630	Ca_kabuli_chr04	47223630	[A/G]	1067297025
Ca_Kabuli_NC_021163.1_47223646	Ca_kabuli_chr04	47223646	[T/C]	1067297026
Ca_Kabuli_NC_021163.1_47223674	Ca_kabuli_chr04	47223674	[A/C]	1067297027
Ca_Kabuli_NC_021163.1_47296161	Ca_kabuli_chr04	47296161	[G/A]	1067297028

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_47296163	Ca_kabuli_chr04	47296163	[G/A]	1067297029
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Ca_Kabuli_NC_021163.1_47345557	Ca_kabuli_chr04	47345557	[T/A]	1067297031
Ca_Kabuli_NC_021163.1_47427865	Ca_kabuli_chr04	47427865	[A/C]	1067297032
Ca_Kabuli_NC_021163.1_47446366	Ca_kabuli_chr04	47446366	[A/T]	1067297033
Ca_Kabuli_NC_021163.1_47505073	Ca_kabuli_chr04	47505073	[A/C]	1067297034
Ca_Kabuli_NC_021163.1_47592455	Ca_kabuli_chr04	47592455	[T/C]	1067297035
Ca_Kabuli_NC_021163.1_47612353	Ca_kabuli_chr04	47612353	[T/C]	1067297036
Ca_Kabuli_NC_021163.1_47612384	Ca_kabuli_chr04	47612384	[T/G]	1067297037
Ca_Kabuli_NC_021163.1_47612455	Ca_kabuli_chr04	47612455	[A/C]	1067297038
Ca_Kabuli_NC_021163.1_47622133	Ca_kabuli_chr04	47622133	[A/G]	1067297039
Ca_Kabuli_NC_021163.1_47622154	Ca_kabuli_chr04	47622154	[T/G]	1067297040
Ca_Kabuli_NC_021163.1_47675390	Ca_kabuli_chr04	47675390	[A/C]	1067297041
Ca_Kabuli_NC_021163.1_47675686	Ca_kabuli_chr04	47675686	[A/C]	1067297042
Ca_Kabuli_NC_021163.1_47675839	Ca_kabuli_chr04	47675839	[T/C]	1067297043
Ca_Kabuli_NC_021163.1_47675845	Ca_kabuli_chr04	47675845	[A/G]	1067297044
Ca_Kabuli_NC_021163.1_47675867	Ca_kabuli_chr04	47675867	[A/G]	1067297045
Ca_Kabuli_NC_021163.1_47675880	Ca_kabuli_chr04	47675880	[C/A]	1067297046
Ca_Kabuli_NC_021163.1_47697192	Ca_kabuli_chr04	47697192	[A/G]	1067297047
Ca_Kabuli_NC_021163.1_47697195	Ca_kabuli_chr04	47697195	[T/C]	1067297048
Ca_Kabuli_NC_021163.1_47697219	Ca_kabuli_chr04	47697219	[T/G]	1067297049
Ca_Kabuli_NC_021163.1_47798598	Ca_kabuli_chr04	47798598	[A/C]	1067297050
Ca_Kabuli_NC_021163.1_47798604	Ca_kabuli_chr04	47798604	[A/C]	1067297051
Ca_Kabuli_NC_021163.1_47899055	Ca_kabuli_chr04	47899055	[T/G]	1067297052
Ca_Kabuli_NC_021163.1_48011333	Ca_kabuli_chr04	48011333	[A/C]	1067297053
Ca_Kabuli_NC_021163.1_48011418	Ca_kabuli_chr04	48011418	[T/C]	1067297054
Ca_Kabuli_NC_021163.1_48011422	Ca_kabuli_chr04	48011422	[T/C]	1067297055
Ca_Kabuli_NC_021163.1_48011440	Ca_kabuli_chr04	48011440	[T/A]	1067297056
Ca_Kabuli_NC_021163.1_48011455	Ca_kabuli_chr04	48011455	[A/G]	1067297057
Ca_Kabuli_NC_021163.1_48097268	Ca_kabuli_chr04	48097268	[G/A]	1067297058
Ca_Kabuli_NC_021163.1_48097271	Ca_kabuli_chr04	48097271	[A/C]	1067297059
Ca_Kabuli_NC_021163.1_48103174	Ca_kabuli_chr04	48103174	[C/G]	1067297060
Ca_Kabuli_NC_021163.1_48103176	Ca_kabuli_chr04	48103176	[G/C]	1067297061
Ca_Kabuli_NC_021163.1_48123659	Ca_kabuli_chr04	48123659	[T/G]	1067297062

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_48228110	Ca_kabuli_chr04	48228110	[C/A]	1067297063
Ca_Kabuli_NC_021163.1_48238802	Ca_kabuli_chr04	48238802	[T/C]	1067297064
Ca_Kabuli_NC_021163.1_48238836	Ca_kabuli_chr04	48238836	[T/C]	1067297065
Ca_Kabuli_NC_021163.1_48248272	Ca_kabuli_chr04	48248272	[C/T]	1067297066
Ca_Kabuli_NC_021163.1_48248286	Ca_kabuli_chr04	48248286	[G/A]	1067297067
Ca_Kabuli_NC_021163.1_48248319	Ca_kabuli_chr04	48248319	[T/G]	1067297068
Ca_Kabuli_NC_021163.1_48248663	Ca_kabuli_chr04	48248663	[A/G]	1067297069
Ca_Kabuli_NC_021163.1_48263603	Ca_kabuli_chr04	48263603	[A/G]	1067297070
Ca_Kabuli_NC_021163.1_48267662	Ca_kabuli_chr04	48267662	[C/T]	1067297071
Ca_Kabuli_NC_021163.1_48268253	Ca_kabuli_chr04	48268253	[T/C]	1067297072
Ca_Kabuli_NC_021163.1_48268316	Ca_kabuli_chr04	48268316	[A/C]	1067297073
Ca_Kabuli_NC_021163.1_48268319	Ca_kabuli_chr04	48268319	[A/C]	1067297074
Ca_Kabuli_NC_021163.1_48301151	Ca_kabuli_chr04	48301151	[T/C]	1067297075
Ca_Kabuli_NC_021163.1_48305147	Ca_kabuli_chr04	48305147	[C/G]	1067297076
Ca_Kabuli_NC_021163.1_48322502	Ca_kabuli_chr04	48322502	[T/C]	1067297077
Ca_Kabuli_NC_021163.1_48345604	Ca_kabuli_chr04	48345604	[G/A]	1067297078
Ca_Kabuli_NC_021163.1_48345608	Ca_kabuli_chr04	48345608	[T/G]	1067297079
Ca_Kabuli_NC_021163.1_48355358	Ca_kabuli_chr04	48355358	[T/A]	1067297080
Ca_Kabuli_NC_021163.1_48355468	Ca_kabuli_chr04	48355468	[T/G]	1067297081
Ca_Kabuli_NC_021163.1_48358019	Ca_kabuli_chr04	48358019	[T/G]	1067297082
Ca_Kabuli_NC_021163.1_48360127	Ca_kabuli_chr04	48360127	[C/G]	1067297083
Ca_Kabuli_NC_021163.1_48361612	Ca_kabuli_chr04	48361612	[G/T]	1067297084
Ca_Kabuli_NC_021163.1_48363106	Ca_kabuli_chr04	48363106	[T/C]	1067297085
Ca_Kabuli_NC_021163.1_48366219	Ca_kabuli_chr04	48366219	[G/A]	1067297086
Ca_Kabuli_NC_021163.1_48382603	Ca_kabuli_chr04	48382603	[C/T]	1067297087
Ca_Kabuli_NC_021163.1_48382666	Ca_kabuli_chr04	48382666	[C/G]	1067297088
Ca_Kabuli_NC_021163.1_48384226	Ca_kabuli_chr04	48384226	[T/C]	1067297089
Ca_Kabuli_NC_021163.1_48384244	Ca_kabuli_chr04	48384244	[A/G]	1067297090
Ca_Kabuli_NC_021163.1_48384246	Ca_kabuli_chr04	48384246	[T/A]	1067297091
Ca_Kabuli_NC_021163.1_48384247	Ca_kabuli_chr04	48384247	[A/C]	1067297092
Ca_Kabuli_NC_021163.1_48454970	Ca_kabuli_chr04	48454970	[A/G]	1067297093
Ca_Kabuli_NC_021163.1_48454986	Ca_kabuli_chr04	48454986	[T/A]	1067297094
Ca_Kabuli_NC_021163.1_48454989	Ca_kabuli_chr04	48454989	[A/G]	1067297095
Ca_Kabuli_NC_021163.1_48455002	Ca_kabuli_chr04	48455002	[A/G]	1067297096

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021163.1_48455054	Ca_kabuli_chr04	48455054	[A/T]	1067297097
Ca_Kabuli_NC_021163.1_48455326	Ca_kabuli_chr04	48455326	[T/C]	1067297098
Ca_Kabuli_NC_021163.1_48455626	Ca_kabuli_chr04	48455626	[T/G]	1067297099
Ca_Kabuli_NC_021163.1_48455657	Ca_kabuli_chr04	48455657	[T/G]	1067297100
Ca_Kabuli_NC_021163.1_48455692	Ca_kabuli_chr04	48455692	[A/T]	1067297101
Ca_Kabuli_NC_021163.1_48457876	Ca_kabuli_chr04	48457876	[C/T]	1067297102
Ca_Kabuli_NC_021163.1_48464448	Ca_kabuli_chr04	48464448	[T/G]	1067297103
Ca_Kabuli_NC_021163.1_48465107	Ca_kabuli_chr04	48465107	[A/G]	1067297104
Ca_Kabuli_NC_021163.1_48470477	Ca_kabuli_chr04	48470477	[G/A]	1067297105
Ca_Kabuli_NC_021163.1_48475447	Ca_kabuli_chr04	48475447	[C/T]	1067297106
Ca_Kabuli_NC_021163.1_48475461	Ca_kabuli_chr04	48475461	[G/A]	1067297107
Ca_Kabuli_NC_021163.1_48477876	Ca_kabuli_chr04	48477876	[T/A]	1067297108
Ca_Kabuli_NC_021163.1_48478018	Ca_kabuli_chr04	48478018	[G/A]	1067297109
Ca_Kabuli_NC_021163.1_48478058	Ca_kabuli_chr04	48478058	[T/C]	1067297110
Ca_Kabuli_NC_021163.1_48478444	Ca_kabuli_chr04	48478444	[A/C]	1067297111
Ca_Kabuli_NC_021163.1_48484455	Ca_kabuli_chr04	48484455	[A/G]	1067297112
Ca_Kabuli_NC_021163.1_48496892	Ca_kabuli_chr04	48496892	[A/G]	1067297113
Ca_Kabuli_NC_021163.1_48496921	Ca_kabuli_chr04	48496921	[A/G]	1067297114
Ca_Kabuli_NC_021163.1_48496922	Ca_kabuli_chr04	48496922	[G/A]	1067297115
Ca_Kabuli_NC_021163.1_48496923	Ca_kabuli_chr04	48496923	[A/G]	1067297116
Ca_Kabuli_NC_021163.1_48497704	Ca_kabuli_chr04	48497704	[A/C]	1067297117
Ca_Kabuli_NC_021163.1_48497710	Ca_kabuli_chr04	48497710	[T/G]	1067297118
Ca_Kabuli_NC_021163.1_48497718	Ca_kabuli_chr04	48497718	[T/A]	1067297119
Ca_Kabuli_NC_021163.1_48497722	Ca_kabuli_chr04	48497722	[T/C]	1067297120
Ca_Kabuli_NC_021163.1_48497839	Ca_kabuli_chr04	48497839	[A/G]	1067297121
Ca_Kabuli_NC_021163.1_48497926	Ca_kabuli_chr04	48497926	[A/T]	1067297122
Ca_Kabuli_NC_021163.1_48498133	Ca_kabuli_chr04	48498133	[C/T]	1067297123
Ca_Kabuli_NC_021163.1_48498166	Ca_kabuli_chr04	48498166	[A/G]	1067297124
Ca_Kabuli_NC_021163.1_48498181	Ca_kabuli_chr04	48498181	[G/C]	1067297125
Ca_Kabuli_NC_021163.1_48498334	Ca_kabuli_chr04	48498334	[G/T]	1067297126
Ca_Kabuli_NC_021163.1_48498368	Ca_kabuli_chr04	48498368	[C/T]	1067297127
Ca_Kabuli_NC_021163.1_48501021	Ca_kabuli_chr04	48501021	[A/T]	1067297128
Ca_Kabuli_NC_021163.1_48501484	Ca_kabuli_chr04	48501484	[G/T]	1067297129
Ca_Kabuli_NC_021163.1_48501662	Ca_kabuli_chr04	48501662	[A/T]	1067297130

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021163.1_48502714	Ca_kabuli_chr04	48502714	[C/T]	1067297132
Ca_Kabuli_NC_021163.1_48502718	Ca_kabuli_chr04	48502718	[C/G]	1067297133
Ca_Kabuli_NC_021163.1_48644169	Ca_kabuli_chr04	48644169	[T/G]	1067297134
Ca_Kabuli_NC_021163.1_48644179	Ca_kabuli_chr04	48644179	[T/G]	1067297135
Ca_Kabuli_NC_021163.1_48644216	Ca_kabuli_chr04	48644216	[A/T]	1067297136
Ca_Kabuli_NC_021163.1_48678293	Ca_kabuli_chr04	48678293	[A/G]	1067297137
Ca_Kabuli_NC_021163.1_48678296	Ca_kabuli_chr04	48678296	[T/C]	1067297138
Ca_Kabuli_NC_021163.1_48678302	Ca_kabuli_chr04	48678302	[A/G]	1067297139
Ca_Kabuli_NC_021163.1_48678319	Ca_kabuli_chr04	48678319	[T/C]	1067297140
Ca_Kabuli_NC_021163.1_48678328	Ca_kabuli_chr04	48678328	[A/G]	1067297141
Ca_Kabuli_NC_021163.1_48678692	Ca_kabuli_chr04	48678692	[T/C]	1067297142
Ca_Kabuli_NC_021163.1_48681589	Ca_kabuli_chr04	48681589	[T/A]	1067297143
Ca_Kabuli_NC_021163.1_48702117	Ca_kabuli_chr04	48702117	[T/G]	1067297144
Ca_Kabuli_NC_021163.1_48765850	Ca_kabuli_chr04	48765850	[A/G]	1067297145
Ca_Kabuli_NC_021163.1_48765858	Ca_kabuli_chr04	48765858	[T/A]	1067297146
Ca_Kabuli_NC_021163.1_48932337	Ca_kabuli_chr04	48932337	[A/T]	1067297147
Ca_Kabuli_NC_021163.1_48936860	Ca_kabuli_chr04	48936860	[G/C]	1067297148
Ca_Kabuli_NC_021163.1_48936868	Ca_kabuli_chr04	48936868	[T/G]	1067297149
Ca_Kabuli_NC_021163.1_48936869	Ca_kabuli_chr04	48936869	[A/T]	1067297150
Ca_Kabuli_NC_021163.1_48936870	Ca_kabuli_chr04	48936870	[T/C]	1067297151
Ca_Kabuli_NC_021163.1_48936871	Ca_kabuli_chr04	48936871	[G/T]	1067297152
Ca_Kabuli_NC_021163.1_49012669	Ca_kabuli_chr04	49012669	[T/G]	1067297153
Ca_Kabuli_NC_021163.1_49012793	Ca_kabuli_chr04	49012793	[T/G]	1067297154
Ca_Kabuli_NC_021163.1_49108401	Ca_kabuli_chr04	49108401	[T/A]	1067297155
Ca_Kabuli_NC_021163.1_49108429	Ca_kabuli_chr04	49108429	[A/C]	1067297156
Ca_Kabuli_NC_021164.1_23820	Ca_kabuli_chr05	23820	[T/G]	1067297157
Ca_Kabuli_NC_021164.1_23877	Ca_kabuli_chr05	23877	[A/C]	1067297158
Ca_Kabuli_NC_021164.1_23889	Ca_kabuli_chr05	23889	[A/C]	1067297159
Ca_Kabuli_NC_021164.1_80027	Ca_kabuli_chr05	80027	[C/A]	1067297160
Ca_Kabuli_NC_021164.1_80124	Ca_kabuli_chr05	80124	[A/C]	1067297161
Ca_Kabuli_NC_021164.1_131600	Ca_kabuli_chr05	131600	[A/T]	1067297162
Ca_Kabuli_NC_021164.1_154162	Ca_kabuli_chr05	154162	[T/C]	1067297163
Ca_Kabuli_NC_021164.1_175603	Ca_kabuli_chr05	175603	[A/G]	1067297164

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_222629	Ca_kabuli_chr05	222629	[T/G]	1067297167
Ca_Kabuli_NC_021164.1_222637	Ca_kabuli_chr05	222637	[C/T]	1067297168
Ca_Kabuli_NC_021164.1_222639	Ca_kabuli_chr05	222639	[C/T]	1067297169
Ca_Kabuli_NC_021164.1_222641	Ca_kabuli_chr05	222641	[C/T]	1067297170
Ca_Kabuli_NC_021164.1_222651	Ca_kabuli_chr05	222651	[A/C]	1067297171
Ca_Kabuli_NC_021164.1_222657	Ca_kabuli_chr05	222657	[G/A]	1067297172
Ca_Kabuli_NC_021164.1_223401	Ca_kabuli_chr05	223401	[T/A]	1067297173
Ca_Kabuli_NC_021164.1_234405	Ca_kabuli_chr05	234405	[A/G]	1067297174
Ca_Kabuli_NC_021164.1_234410	Ca_kabuli_chr05	234410	[A/C]	1067297175
Ca_Kabuli_NC_021164.1_235777	Ca_kabuli_chr05	235777	[T/C]	1067297176
Ca_Kabuli_NC_021164.1_235807	Ca_kabuli_chr05	235807	[T/G]	1067297177
Ca_Kabuli_NC_021164.1_235820	Ca_kabuli_chr05	235820	[T/G]	1067297178
Ca_Kabuli_NC_021164.1_245863	Ca_kabuli_chr05	245863	[A/T]	1067297179
Ca_Kabuli_NC_021164.1_254262	Ca_kabuli_chr05	254262	[T/C]	1067297180
Ca_Kabuli_NC_021164.1_254272	Ca_kabuli_chr05	254272	[T/C]	1067297181
Ca_Kabuli_NC_021164.1_255245	Ca_kabuli_chr05	255245	[T/G]	1067297182
Ca_Kabuli_NC_021164.1_263342	Ca_kabuli_chr05	263342	[A/G]	1067297183
Ca_Kabuli_NC_021164.1_263345	Ca_kabuli_chr05	263345	[T/C]	1067297184
Ca_Kabuli_NC_021164.1_263350	Ca_kabuli_chr05	263350	[T/C]	1067297185
Ca_Kabuli_NC_021164.1_263356	Ca_kabuli_chr05	263356	[A/G]	1067297186
Ca_Kabuli_NC_021164.1_272745	Ca_kabuli_chr05	272745	[A/C]	1067297187
Ca_Kabuli_NC_021164.1_272863	Ca_kabuli_chr05	272863	[T/A]	1067297188
Ca_Kabuli_NC_021164.1_273752	Ca_kabuli_chr05	273752	[T/A]	1067297189
Ca_Kabuli_NC_021164.1_273772	Ca_kabuli_chr05	273772	[A/C]	1067297190
Ca_Kabuli_NC_021164.1_276413	Ca_kabuli_chr05	276413	[G/A]	1067297191
Ca_Kabuli_NC_021164.1_282870	Ca_kabuli_chr05	282870	[A/C]	1067297192
Ca_Kabuli_NC_021164.1_303757	Ca_kabuli_chr05	303757	[T/C]	1067297193
Ca_Kabuli_NC_021164.1_303762	Ca_kabuli_chr05	303762	[T/C]	1067297194
Ca_Kabuli_NC_021164.1_306319	Ca_kabuli_chr05	306319	[A/T]	1067297195
Ca_Kabuli_NC_021164.1_306350	Ca_kabuli_chr05	306350	[T/A]	1067297196
Ca_Kabuli_NC_021164.1_306359	Ca_kabuli_chr05	306359	[T/A]	1067297197
Ca_Kabuli_NC_021164.1_306362	Ca_kabuli_chr05	306362	[T/G]	1067297198



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021164.1_321517	Ca_kabuli_chr05	321517	[A/C]	1067297199
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Ca_Kabuli_NC_021164.1_322011	Ca_kabuli_chr05	322011	[A/G]	1067297201
Ca_Kabuli_NC_021164.1_335086	Ca_kabuli_chr05	335086	[T/G]	1067297202
Ca_Kabuli_NC_021164.1_335124	Ca_kabuli_chr05	335124	[A/G]	1067297203
Ca_Kabuli_NC_021164.1_335147	Ca_kabuli_chr05	335147	[A/T]	1067297204
Ca_Kabuli_NC_021164.1_343574	Ca_kabuli_chr05	343574	[A/G]	1067297205
Ca_Kabuli_NC_021164.1_438390	Ca_kabuli_chr05	438390	[T/C]	1067297206
Ca_Kabuli_NC_021164.1_438411	Ca_kabuli_chr05	438411	[G/C]	1067297207
Ca_Kabuli_NC_021164.1_438428	Ca_kabuli_chr05	438428	[T/G]	1067297208
Ca_Kabuli_NC_021164.1_438431	Ca_kabuli_chr05	438431	[T/C]	1067297209
Ca_Kabuli_NC_021164.1_438438	Ca_kabuli_chr05	438438	[G/A]	1067297210
Ca_Kabuli_NC_021164.1_438442	Ca_kabuli_chr05	438442	[T/C]	1067297211
Ca_Kabuli_NC_021164.1_438445	Ca_kabuli_chr05	438445	[A/C]	1067297212
Ca_Kabuli_NC_021164.1_438448	Ca_kabuli_chr05	438448	[A/C]	1067297213
Ca_Kabuli_NC_021164.1_438453	Ca_kabuli_chr05	438453	[T/C]	1067297214
Ca_Kabuli_NC_021164.1_443282	Ca_kabuli_chr05	443282	[T/C]	1067297215
Ca_Kabuli_NC_021164.1_443305	Ca_kabuli_chr05	443305	[A/C]	1067297216
Ca_Kabuli_NC_021164.1_443383	Ca_kabuli_chr05	443383	[T/C]	1067297217
Ca_Kabuli_NC_021164.1_443487	Ca_kabuli_chr05	443487	[A/C]	1067297218
Ca_Kabuli_NC_021164.1_469339	Ca_kabuli_chr05	469339	[T/A]	1067297219
Ca_Kabuli_NC_021164.1_473545	Ca_kabuli_chr05	473545	[A/G]	1067297220
Ca_Kabuli_NC_021164.1_473563	Ca_kabuli_chr05	473563	[T/C]	1067297221
Ca_Kabuli_NC_021164.1_473585	Ca_kabuli_chr05	473585	[A/C]	1067297222
Ca_Kabuli_NC_021164.1_473603	Ca_kabuli_chr05	473603	[T/A]	1067297223
Ca_Kabuli_NC_021164.1_473663	Ca_kabuli_chr05	473663	[A/T]	1067297224
Ca_Kabuli_NC_021164.1_473668	Ca_kabuli_chr05	473668	[A/T]	1067297225
Ca_Kabuli_NC_021164.1_560662	Ca_kabuli_chr05	560662	[G/A]	1067297226
Ca_Kabuli_NC_021164.1_805760	Ca_kabuli_chr05	805760	[T/C]	1067297227
Ca_Kabuli_NC_021164.1_805764	Ca_kabuli_chr05	805764	[C/G]	1067297228
Ca_Kabuli_NC_021164.1_805767	Ca_kabuli_chr05	805767	[T/C]	1067297229
Ca_Kabuli_NC_021164.1_1252328	Ca_kabuli_chr05	1252328	[A/G]	1067297230
Ca_Kabuli_NC_021164.1_1252330	Ca_kabuli_chr05	1252330	[A/G]	1067297231
Ca_Kabuli_NC_021164.1_1280977	Ca_kabuli_chr05	1280977	[T/G]	1067297232

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_2700479	Ca_kabuli_chr05	2700479	[T/A]	1067297235
Ca_Kabuli_NC_021164.1_2700484	Ca_kabuli_chr05	2700484	[A/C]	1067297236
Ca_Kabuli_NC_021164.1_2839097	Ca_kabuli_chr05	2839097	[A/C]	1067297237
Ca_Kabuli_NC_021164.1_2855067	Ca_kabuli_chr05	2855067	[T/G]	1067297238
Ca_Kabuli_NC_021164.1_2948530	Ca_kabuli_chr05	2948530	[G/T]	1067297239
Ca_Kabuli_NC_021164.1_2948531	Ca_kabuli_chr05	2948531	[T/C]	1067297240
Ca_Kabuli_NC_021164.1_2948616	Ca_kabuli_chr05	2948616	[G/A]	1067297241
Ca_Kabuli_NC_021164.1_2948618	Ca_kabuli_chr05	2948618	[C/T]	1067297242
Ca_Kabuli_NC_021164.1_3040267	Ca_kabuli_chr05	3040267	[T/G]	1067297243
Ca_Kabuli_NC_021164.1_3040277	Ca_kabuli_chr05	3040277	[T/G]	1067297244
Ca_Kabuli_NC_021164.1_3040328	Ca_kabuli_chr05	3040328	[G/A]	1067297245
Ca_Kabuli_NC_021164.1_3040334	Ca_kabuli_chr05	3040334	[A/T]	1067297246
Ca_Kabuli_NC_021164.1_3043038	Ca_kabuli_chr05	3043038	[A/C]	1067297247
Ca_Kabuli_NC_021164.1_3043039	Ca_kabuli_chr05	3043039	[T/G]	1067297248
Ca_Kabuli_NC_021164.1_3043042	Ca_kabuli_chr05	3043042	[T/C]	1067297249
Ca_Kabuli_NC_021164.1_3043043	Ca_kabuli_chr05	3043043	[G/T]	1067297250
Ca_Kabuli_NC_021164.1_3137441	Ca_kabuli_chr05	3137441	[A/G]	1067297251
Ca_Kabuli_NC_021164.1_3137454	Ca_kabuli_chr05	3137454	[T/C]	1067297252
Ca_Kabuli_NC_021164.1_3137466	Ca_kabuli_chr05	3137466	[T/C]	1067297253
Ca_Kabuli_NC_021164.1_3137480	Ca_kabuli_chr05	3137480	[A/C]	1067297254
Ca_Kabuli_NC_021164.1_3276362	Ca_kabuli_chr05	3276362	[G/A]	1067297255
Ca_Kabuli_NC_021164.1_3365078	Ca_kabuli_chr05	3365078	[T/A]	1067297256
Ca_Kabuli_NC_021164.1_3481146	Ca_kabuli_chr05	3481146	[T/A]	1067297257
Ca_Kabuli_NC_021164.1_3481151	Ca_kabuli_chr05	3481151	[G/A]	1067297258
Ca_Kabuli_NC_021164.1_3643160	Ca_kabuli_chr05	3643160	[C/T]	1067297259
Ca_Kabuli_NC_021164.1_3654489	Ca_kabuli_chr05	3654489	[A/C]	1067297260
Ca_Kabuli_NC_021164.1_3965094	Ca_kabuli_chr05	3965094	[T/C]	1067297261
Ca_Kabuli_NC_021164.1_3965136	Ca_kabuli_chr05	3965136	[T/G]	1067297262
Ca_Kabuli_NC_021164.1_3965148	Ca_kabuli_chr05	3965148	[A/G]	1067297263
Ca_Kabuli_NC_021164.1_3965169	Ca_kabuli_chr05	3965169	[A/C]	1067297264
Ca_Kabuli_NC_021164.1_4200281	Ca_kabuli_chr05	4200281	[T/G]	1067297265
Ca_Kabuli_NC_021164.1_4890586	Ca_kabuli_chr05	4890586	[G/A]	1067297266

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_5053307	Ca_kabuli_chr05	5053307	[A/G]	1067297268
Ca_Kabuli_NC_021164.1_5131288	Ca_kabuli_chr05	5131288	[T/A]	1067297269
Ca_Kabuli_NC_021164.1_5145576	Ca_kabuli_chr05	5145576	[A/C]	1067297270
Ca_Kabuli_NC_021164.1_5145586	Ca_kabuli_chr05	5145586	[A/G]	1067297271
Ca_Kabuli_NC_021164.1_5404185	Ca_kabuli_chr05	5404185	[A/C]	1067297272
Ca_Kabuli_NC_021164.1_5404195	Ca_kabuli_chr05	5404195	[A/G]	1067297273
Ca_Kabuli_NC_021164.1_5404199	Ca_kabuli_chr05	5404199	[T/C]	1067297274
Ca_Kabuli_NC_021164.1_5404239	Ca_kabuli_chr05	5404239	[A/G]	1067297275
Ca_Kabuli_NC_021164.1_6300288	Ca_kabuli_chr05	6300288	[A/G]	1067297276
Ca_Kabuli_NC_021164.1_6300317	Ca_kabuli_chr05	6300317	[A/G]	1067297277
Ca_Kabuli_NC_021164.1_6316813	Ca_kabuli_chr05	6316813	[A/C]	1067297278
Ca_Kabuli_NC_021164.1_6442437	Ca_kabuli_chr05	6442437	[A/C]	1067297279
Ca_Kabuli_NC_021164.1_6740218	Ca_kabuli_chr05	6740218	[G/T]	1067297280
Ca_Kabuli_NC_021164.1_7047168	Ca_kabuli_chr05	7047168	[T/C]	1067297281
Ca_Kabuli_NC_021164.1_7047186	Ca_kabuli_chr05	7047186	[A/G]	1067297282
Ca_Kabuli_NC_021164.1_7047194	Ca_kabuli_chr05	7047194	[T/C]	1067297283
Ca_Kabuli_NC_021164.1_7047246	Ca_kabuli_chr05	7047246	[A/G]	1067297284
Ca_Kabuli_NC_021164.1_7130712	Ca_kabuli_chr05	7130712	[A/G]	1067297285
Ca_Kabuli_NC_021164.1_7274305	Ca_kabuli_chr05	7274305	[T/G]	1067297286
Ca_Kabuli_NC_021164.1_7335132	Ca_kabuli_chr05	7335132	[T/C]	1067297287
Ca_Kabuli_NC_021164.1_7335168	Ca_kabuli_chr05	7335168	[A/G]	1067297288
Ca_Kabuli_NC_021164.1_7467768	Ca_kabuli_chr05	7467768	[A/C]	1067297289
Ca_Kabuli_NC_021164.1_7467769	Ca_kabuli_chr05	7467769	[G/T]	1067297290
Ca_Kabuli_NC_021164.1_7471749	Ca_kabuli_chr05	7471749	[T/C]	1067297291
Ca_Kabuli_NC_021164.1_7471751	Ca_kabuli_chr05	7471751	[T/C]	1067297292
Ca_Kabuli_NC_021164.1_7638130	Ca_kabuli_chr05	7638130	[A/C]	1067297293
Ca_Kabuli_NC_021164.1_7775298	Ca_kabuli_chr05	7775298	[A/T]	1067297294
Ca_Kabuli_NC_021164.1_7775497	Ca_kabuli_chr05	7775497	[G/C]	1067297295
Ca_Kabuli_NC_021164.1_7775516	Ca_kabuli_chr05	7775516	[A/G]	1067297296
Ca_Kabuli_NC_021164.1_7788986	Ca_kabuli_chr05	7788986	[T/G]	1067297297
Ca_Kabuli_NC_021164.1_7848643	Ca_kabuli_chr05	7848643	[A/T]	1067297298
Ca_Kabuli_NC_021164.1_7848672	Ca_kabuli_chr05	7848672	[T/C]	1067297299
Ca_Kabuli_NC_021164.1_8020717	Ca_kabuli_chr05	8020717	[A/G]	1067297300

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_8535619	Ca_kabuli_chr05	8535619	[A/C]	1067297303
Ca_Kabuli_NC_021164.1_8944478	Ca_kabuli_chr05	8944478	[T/C]	1067297304
Ca_Kabuli_NC_021164.1_8944488	Ca_kabuli_chr05	8944488	[T/G]	1067297305
Ca_Kabuli_NC_021164.1_8944508	Ca_kabuli_chr05	8944508	[A/G]	1067297306
Ca_Kabuli_NC_021164.1_8946173	Ca_kabuli_chr05	8946173	[T/G]	1067297307
Ca_Kabuli_NC_021164.1_9077441	Ca_kabuli_chr05	9077441	[A/T]	1067297308
Ca_Kabuli_NC_021164.1_9077447	Ca_kabuli_chr05	9077447	[A/G]	1067297309
Ca_Kabuli_NC_021164.1_9077481	Ca_kabuli_chr05	9077481	[G/A]	1067297310
Ca_Kabuli_NC_021164.1_9077499	Ca_kabuli_chr05	9077499	[T/A]	1067297311
Ca_Kabuli_NC_021164.1_9120091	Ca_kabuli_chr05	9120091	[T/G]	1067297312
Ca_Kabuli_NC_021164.1_9121639	Ca_kabuli_chr05	9121639	[T/C]	1067297313
Ca_Kabuli_NC_021164.1_9127099	Ca_kabuli_chr05	9127099	[A/C]	1067297314
Ca_Kabuli_NC_021164.1_9127126	Ca_kabuli_chr05	9127126	[A/T]	1067297315
Ca_Kabuli_NC_021164.1_9444595	Ca_kabuli_chr05	9444595	[T/G]	1067297316
Ca_Kabuli_NC_021164.1_9483764	Ca_kabuli_chr05	9483764	[A/C]	1067297317
Ca_Kabuli_NC_021164.1_9483785	Ca_kabuli_chr05	9483785	[T/A]	1067297318
Ca_Kabuli_NC_021164.1_9519382	Ca_kabuli_chr05	9519382	[C/A]	1067297319
Ca_Kabuli_NC_021164.1_9609752	Ca_kabuli_chr05	9609752	[T/A]	1067297320
Ca_Kabuli_NC_021164.1_9611022	Ca_kabuli_chr05	9611022	[A/C]	1067297321
Ca_Kabuli_NC_021164.1_9639391	Ca_kabuli_chr05	9639391	[A/C]	1067297322
Ca_Kabuli_NC_021164.1_9783650	Ca_kabuli_chr05	9783650	[T/G]	1067297323
Ca_Kabuli_NC_021164.1_9851952	Ca_kabuli_chr05	9851952	[C/A]	1067297324
Ca_Kabuli_NC_021164.1_9868969	Ca_kabuli_chr05	9868969	[C/G]	1067297325
Ca_Kabuli_NC_021164.1_9869001	Ca_kabuli_chr05	9869001	[A/G]	1067297326
Ca_Kabuli_NC_021164.1_10004421	Ca_kabuli_chr05	10004421	[T/G]	1067297327
Ca_Kabuli_NC_021164.1_10004424	Ca_kabuli_chr05	10004424	[T/G]	1067297328
Ca_Kabuli_NC_021164.1_10004427	Ca_kabuli_chr05	10004427	[G/T]	1067297329
Ca_Kabuli_NC_021164.1_10004430	Ca_kabuli_chr05	10004430	[T/G]	1067297330
Ca_Kabuli_NC_021164.1_10012365	Ca_kabuli_chr05	10012365	[A/C]	1067297331
Ca_Kabuli_NC_021164.1_10293383	Ca_kabuli_chr05	10293383	[A/T]	1067297332
Ca_Kabuli_NC_021164.1_10293384	Ca_kabuli_chr05	10293384	[T/C]	1067297333
Ca_Kabuli_NC_021164.1_10293386	Ca_kabuli_chr05	10293386	[T/C]	1067297334

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_10293445	Ca_kabuli_chr05	10293445	[T/A]	1067297337
Ca_Kabuli_NC_021164.1_10318805	Ca_kabuli_chr05	10318805	[A/T]	1067297338
Ca_Kabuli_NC_021164.1_10510124	Ca_kabuli_chr05	10510124	[T/G]	1067297339
Ca_Kabuli_NC_021164.1_10510126	Ca_kabuli_chr05	10510126	[T/G]	1067297340
Ca_Kabuli_NC_021164.1_10544854	Ca_kabuli_chr05	10544854	[T/A]	1067297341
Ca_Kabuli_NC_021164.1_10919414	Ca_kabuli_chr05	10919414	[C/A]	1067297342
Ca_Kabuli_NC_021164.1_10919423	Ca_kabuli_chr05	10919423	[G/A]	1067297343
Ca_Kabuli_NC_021164.1_10919431	Ca_kabuli_chr05	10919431	[G/A]	1067297344
Ca_Kabuli_NC_021164.1_10919455	Ca_kabuli_chr05	10919455	[A/T]	1067297345
Ca_Kabuli_NC_021164.1_10928968	Ca_kabuli_chr05	10928968	[T/G]	1067297346
Ca_Kabuli_NC_021164.1_10929610	Ca_kabuli_chr05	10929610	[T/G]	1067297347
Ca_Kabuli_NC_021164.1_11110859	Ca_kabuli_chr05	11110859	[T/C]	1067297348
Ca_Kabuli_NC_021164.1_11112101	Ca_kabuli_chr05	11112101	[T/G]	1067297349
Ca_Kabuli_NC_021164.1_11208382	Ca_kabuli_chr05	11208382	[G/A]	1067297350
Ca_Kabuli_NC_021164.1_11208390	Ca_kabuli_chr05	11208390	[C/A]	1067297351
Ca_Kabuli_NC_021164.1_11356511	Ca_kabuli_chr05	11356511	[G/A]	1067297352
Ca_Kabuli_NC_021164.1_11385791	Ca_kabuli_chr05	11385791	[T/A]	1067297353
Ca_Kabuli_NC_021164.1_11385793	Ca_kabuli_chr05	11385793	[A/G]	1067297354
Ca_Kabuli_NC_021164.1_11484424	Ca_kabuli_chr05	11484424	[A/G]	1067297355
Ca_Kabuli_NC_021164.1_11614171	Ca_kabuli_chr05	11614171	[T/C]	1067297356
Ca_Kabuli_NC_021164.1_11614191	Ca_kabuli_chr05	11614191	[T/C]	1067297357
Ca_Kabuli_NC_021164.1_11614193	Ca_kabuli_chr05	11614193	[T/C]	1067297358
Ca_Kabuli_NC_021164.1_11614203	Ca_kabuli_chr05	11614203	[A/T]	1067297359
Ca_Kabuli_NC_021164.1_11614206	Ca_kabuli_chr05	11614206	[T/C]	1067297360
Ca_Kabuli_NC_021164.1_11614211	Ca_kabuli_chr05	11614211	[T/C]	1067297361
Ca_Kabuli_NC_021164.1_11699180	Ca_kabuli_chr05	11699180	[A/C]	1067297362
Ca_Kabuli_NC_021164.1_11745910	Ca_kabuli_chr05	11745910	[G/A]	1067297363
Ca_Kabuli_NC_021164.1_11745911	Ca_kabuli_chr05	11745911	[T/A]	1067297364
Ca_Kabuli_NC_021164.1_11745916	Ca_kabuli_chr05	11745916	[A/G]	1067297365
Ca_Kabuli_NC_021164.1_11745922	Ca_kabuli_chr05	11745922	[A/G]	1067297366
Ca_Kabuli_NC_021164.1_11779651	Ca_kabuli_chr05	11779651	[A/G]	1067297367
Ca_Kabuli_NC_021164.1_11779703	Ca_kabuli_chr05	11779703	[A/G]	1067297368

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_11847809	Ca_kabuli_chr05	11847809	[T/A]	1067297371
Ca_Kabuli_NC_021164.1_11847835	Ca_kabuli_chr05	11847835	[T/G]	1067297372
Ca_Kabuli_NC_021164.1_11848040	Ca_kabuli_chr05	11848040	[A/G]	1067297373
Ca_Kabuli_NC_021164.1_11848092	Ca_kabuli_chr05	11848092	[A/T]	1067297374
Ca_Kabuli_NC_021164.1_11864912	Ca_kabuli_chr05	11864912	[A/C]	1067297375
Ca_Kabuli_NC_021164.1_11870832	Ca_kabuli_chr05	11870832	[T/C]	1067297376
Ca_Kabuli_NC_021164.1_11870849	Ca_kabuli_chr05	11870849	[A/G]	1067297377
Ca_Kabuli_NC_021164.1_11983308	Ca_kabuli_chr05	11983308	[T/G]	1067297378
Ca_Kabuli_NC_021164.1_11996101	Ca_kabuli_chr05	11996101	[A/C]	1067297379
Ca_Kabuli_NC_021164.1_12082036	Ca_kabuli_chr05	12082036	[A/G]	1067297380
Ca_Kabuli_NC_021164.1_12082066	Ca_kabuli_chr05	12082066	[A/G]	1067297381
Ca_Kabuli_NC_021164.1_12162166	Ca_kabuli_chr05	12162166	[G/T]	1067297382
Ca_Kabuli_NC_021164.1_12410192	Ca_kabuli_chr05	12410192	[T/C]	1067297383
Ca_Kabuli_NC_021164.1_12427951	Ca_kabuli_chr05	12427951	[A/T]	1067297384
Ca_Kabuli_NC_021164.1_12435649	Ca_kabuli_chr05	12435649	[C/A]	1067297385
Ca_Kabuli_NC_021164.1_12435650	Ca_kabuli_chr05	12435650	[T/G]	1067297386
Ca_Kabuli_NC_021164.1_12435651	Ca_kabuli_chr05	12435651	[T/A]	1067297387
Ca_Kabuli_NC_021164.1_12485979	Ca_kabuli_chr05	12485979	[T/A]	1067297388
Ca_Kabuli_NC_021164.1_12553443	Ca_kabuli_chr05	12553443	[A/C]	1067297389
Ca_Kabuli_NC_021164.1_12553623	Ca_kabuli_chr05	12553623	[A/C]	1067297390
Ca_Kabuli_NC_021164.1_12553701	Ca_kabuli_chr05	12553701	[A/G]	1067297391
Ca_Kabuli_NC_021164.1_12553723	Ca_kabuli_chr05	12553723	[A/G]	1067297392
Ca_Kabuli_NC_021164.1_12590478	Ca_kabuli_chr05	12590478	[C/T]	1067297393
Ca_Kabuli_NC_021164.1_12590512	Ca_kabuli_chr05	12590512	[G/A]	1067297394
Ca_Kabuli_NC_021164.1_13981962	Ca_kabuli_chr05	13981962	[T/G]	1067297395
Ca_Kabuli_NC_021164.1_14168818	Ca_kabuli_chr05	14168818	[T/G]	1067297396
Ca_Kabuli_NC_021164.1_15401236	Ca_kabuli_chr05	15401236	[T/C]	1067297397
Ca_Kabuli_NC_021164.1_15476287	Ca_kabuli_chr05	15476287	[T/G]	1067297398
Ca_Kabuli_NC_021164.1_15476661	Ca_kabuli_chr05	15476661	[T/G]	1067297399
Ca_Kabuli_NC_021164.1_15500774	Ca_kabuli_chr05	15500774	[T/G]	1067297400
Ca_Kabuli_NC_021164.1_15500785	Ca_kabuli_chr05	15500785	[T/A]	1067297401
Ca_Kabuli_NC_021164.1_15777671	Ca_kabuli_chr05	15777671	[T/C]	1067297402

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_15777680	Ca_kabuli_chr05	15777680	[A/C]	1067297404
Ca_Kabuli_NC_021164.1_15777696	Ca_kabuli_chr05	15777696	[A/G]	1067297405
Ca_Kabuli_NC_021164.1_15777707	Ca_kabuli_chr05	15777707	[A/G]	1067297406
Ca_Kabuli_NC_021164.1_15777723	Ca_kabuli_chr05	15777723	[T/G]	1067297407
Ca_Kabuli_NC_021164.1_15777729	Ca_kabuli_chr05	15777729	[A/G]	1067297408
Ca_Kabuli_NC_021164.1_15777737	Ca_kabuli_chr05	15777737	[A/G]	1067297409
Ca_Kabuli_NC_021164.1_16353372	Ca_kabuli_chr05	16353372	[T/G]	1067297410
Ca_Kabuli_NC_021164.1_16591550	Ca_kabuli_chr05	16591550	[A/C]	1067297411
Ca_Kabuli_NC_021164.1_16594090	Ca_kabuli_chr05	16594090	[T/C]	1067297412
Ca_Kabuli_NC_021164.1_16594092	Ca_kabuli_chr05	16594092	[A/G]	1067297413
Ca_Kabuli_NC_021164.1_16676418	Ca_kabuli_chr05	16676418	[T/G]	1067297414
Ca_Kabuli_NC_021164.1_16676438	Ca_kabuli_chr05	16676438	[T/C]	1067297415
Ca_Kabuli_NC_021164.1_16767050	Ca_kabuli_chr05	16767050	[T/A]	1067297416
Ca_Kabuli_NC_021164.1_16772243	Ca_kabuli_chr05	16772243	[A/G]	1067297417
Ca_Kabuli_NC_021164.1_16929891	Ca_kabuli_chr05	16929891	[T/G]	1067297418
Ca_Kabuli_NC_021164.1_16929894	Ca_kabuli_chr05	16929894	[C/G]	1067297419
Ca_Kabuli_NC_021164.1_16929896	Ca_kabuli_chr05	16929896	[A/G]	1067297420
Ca_Kabuli_NC_021164.1_16929897	Ca_kabuli_chr05	16929897	[A/G]	1067297421
Ca_Kabuli_NC_021164.1_16929903	Ca_kabuli_chr05	16929903	[C/G]	1067297422
Ca_Kabuli_NC_021164.1_17043790	Ca_kabuli_chr05	17043790	[A/T]	1067297423
Ca_Kabuli_NC_021164.1_17043811	Ca_kabuli_chr05	17043811	[G/C]	1067297424
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Ca_Kabuli_NC_021164.1_17494697	Ca_kabuli_chr05	17494697	[C/T]	1067297427
Ca_Kabuli_NC_021164.1_17494699	Ca_kabuli_chr05	17494699	[C/A]	1067297428
Ca_Kabuli_NC_021164.1_17494700	Ca_kabuli_chr05	17494700	[T/C]	1067297429
Ca_Kabuli_NC_021164.1_17494702	Ca_kabuli_chr05	17494702	[G/A]	1067297430
Ca_Kabuli_NC_021164.1_17494705	Ca_kabuli_chr05	17494705	[A/T]	1067297431
Ca_Kabuli_NC_021164.1_17494710	Ca_kabuli_chr05	17494710	[C/T]	1067297432
Ca_Kabuli_NC_021164.1_17494714	Ca_kabuli_chr05	17494714	[A/G]	1067297433
Ca_Kabuli_NC_021164.1_17494725	Ca_kabuli_chr05	17494725	[C/T]	1067297434
Ca_Kabuli_NC_021164.1_18149854	Ca_kabuli_chr05	18149854	[T/A]	1067297435
Ca_Kabuli_NC_021164.1_18150640	Ca_kabuli_chr05	18150640	[A/T]	1067297436

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_18543600	Ca_kabuli_chr05	18543600	[A/T]	1067297439
Ca_Kabuli_NC_021164.1_18543616	Ca_kabuli_chr05	18543616	[A/G]	1067297440
Ca_Kabuli_NC_021164.1_18732773	Ca_kabuli_chr05	18732773	[A/C]	1067297441
Ca_Kabuli_NC_021164.1_18889146	Ca_kabuli_chr05	18889146	[G/T]	1067297442
Ca_Kabuli_NC_021164.1_18971088	Ca_kabuli_chr05	18971088	[C/A]	1067297443
Ca_Kabuli_NC_021164.1_18971091	Ca_kabuli_chr05	18971091	[T/G]	1067297444
Ca_Kabuli_NC_021164.1_19716362	Ca_kabuli_chr05	19716362	[G/A]	1067297445
Ca_Kabuli_NC_021164.1_19719893	Ca_kabuli_chr05	19719893	[T/C]	1067297446
Ca_Kabuli_NC_021164.1_19720404	Ca_kabuli_chr05	19720404	[C/T]	1067297447
Ca_Kabuli_NC_021164.1_19859837	Ca_kabuli_chr05	19859837	[T/G]	1067297448
Ca_Kabuli_NC_021164.1_19886380	Ca_kabuli_chr05	19886380	[G/C]	1067297449
Ca_Kabuli_NC_021164.1_19886396	Ca_kabuli_chr05	19886396	[A/C]	1067297450
Ca_Kabuli_NC_021164.1_19886405	Ca_kabuli_chr05	19886405	[T/C]	1067297451
Ca_Kabuli_NC_021164.1_19886414	Ca_kabuli_chr05	19886414	[A/C]	1067297452
Ca_Kabuli_NC_021164.1_19886958	Ca_kabuli_chr05	19886958	[T/C]	1067297453
Ca_Kabuli_NC_021164.1_19886967	Ca_kabuli_chr05	19886967	[A/G]	1067297454
Ca_Kabuli_NC_021164.1_19886970	Ca_kabuli_chr05	19886970	[T/C]	1067297455
Ca_Kabuli_NC_021164.1_19886973	Ca_kabuli_chr05	19886973	[A/T]	1067297456
Ca_Kabuli_NC_021164.1_20354222	Ca_kabuli_chr05	20354222	[A/T]	1067297457
Ca_Kabuli_NC_021164.1_20354249	Ca_kabuli_chr05	20354249	[A/G]	1067297458
Ca_Kabuli_NC_021164.1_20354258	Ca_kabuli_chr05	20354258	[T/A]	1067297459
Ca_Kabuli_NC_021164.1_20370644	Ca_kabuli_chr05	20370644	[G/C]	1067297460
Ca_Kabuli_NC_021164.1_20443993	Ca_kabuli_chr05	20443993	[A/G]	1067297461
Ca_Kabuli_NC_021164.1_20443995	Ca_kabuli_chr05	20443995	[A/G]	1067297462
Ca_Kabuli_NC_021164.1_20443996	Ca_kabuli_chr05	20443996	[A/C]	1067297463
Ca_Kabuli_NC_021164.1_20460859	Ca_kabuli_chr05	20460859	[T/G]	1067297464
Ca_Kabuli_NC_021164.1_20460873	Ca_kabuli_chr05	20460873	[A/G]	1067297465
Ca_Kabuli_NC_021164.1_20460882	Ca_kabuli_chr05	20460882	[A/G]	1067297466
Ca_Kabuli_NC_021164.1_20546402	Ca_kabuli_chr05	20546402	[T/G]	1067297467
Ca_Kabuli_NC_021164.1_20645027	Ca_kabuli_chr05	20645027	[A/G]	1067297468
Ca_Kabuli_NC_021164.1_20645036	Ca_kabuli_chr05	20645036	[A/G]	1067297469
Ca_Kabuli_NC_021164.1_21033841	Ca_kabuli_chr05	21033841	[A/C]	1067297470



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_21033919	Ca_kabuli_chr05	21033919	[A/C]	1067297472
Ca_Kabuli_NC_021164.1_21033922	Ca_kabuli_chr05	21033922	[C/T]	1067297473
Ca_Kabuli_NC_021164.1_21033923	Ca_kabuli_chr05	21033923	[C/T]	1067297474
Ca_Kabuli_NC_021164.1_21033926	Ca_kabuli_chr05	21033926	[C/T]	1067297475
Ca_Kabuli_NC_021164.1_21033969	Ca_kabuli_chr05	21033969	[A/C]	1067297476
Ca_Kabuli_NC_021164.1_21095660	Ca_kabuli_chr05	21095660	[T/C]	1067297477
Ca_Kabuli_NC_021164.1_21163371	Ca_kabuli_chr05	21163371	[A/G]	1067297478
Ca_Kabuli_NC_021164.1_21163435	Ca_kabuli_chr05	21163435	[A/G]	1067297479
Ca_Kabuli_NC_021164.1_21163447	Ca_kabuli_chr05	21163447	[A/C]	1067297480
Ca_Kabuli_NC_021164.1_21163453	Ca_kabuli_chr05	21163453	[A/T]	1067297481
Ca_Kabuli_NC_021164.1_21166082	Ca_kabuli_chr05	21166082	[A/T]	1067297482
Ca_Kabuli_NC_021164.1_21188830	Ca_kabuli_chr05	21188830	[T/A]	1067297483
Ca_Kabuli_NC_021164.1_21231054	Ca_kabuli_chr05	21231054	[G/C]	1067297484
Ca_Kabuli_NC_021164.1_21231055	Ca_kabuli_chr05	21231055	[G/T]	1067297485
Ca_Kabuli_NC_021164.1_21495508	Ca_kabuli_chr05	21495508	[G/A]	1067297486
Ca_Kabuli_NC_021164.1_21770485	Ca_kabuli_chr05	21770485	[T/C]	1067297487
Ca_Kabuli_NC_021164.1_21770503	Ca_kabuli_chr05	21770503	[T/C]	1067297488
Ca_Kabuli_NC_021164.1_21933944	Ca_kabuli_chr05	21933944	[A/C]	1067297489
Ca_Kabuli_NC_021164.1_21933954	Ca_kabuli_chr05	21933954	[A/C]	1067297490
Ca_Kabuli_NC_021164.1_21933957	Ca_kabuli_chr05	21933957	[G/C]	1067297491
Ca_Kabuli_NC_021164.1_22046195	Ca_kabuli_chr05	22046195	[A/C]	1067297492
Ca_Kabuli_NC_021164.1_22065859	Ca_kabuli_chr05	22065859	[G/A]	1067297493
Ca_Kabuli_NC_021164.1_22116956	Ca_kabuli_chr05	22116956	[T/G]	1067297494
Ca_Kabuli_NC_021164.1_22116961	Ca_kabuli_chr05	22116961	[T/G]	1067297495
Ca_Kabuli_NC_021164.1_22296799	Ca_kabuli_chr05	22296799	[G/A]	1067297496
Ca_Kabuli_NC_021164.1_22373590	Ca_kabuli_chr05	22373590	[T/G]	1067297497
Ca_Kabuli_NC_021164.1_22430965	Ca_kabuli_chr05	22430965	[A/G]	1067297498
Ca_Kabuli_NC_021164.1_22430967	Ca_kabuli_chr05	22430967	[A/G]	1067297499
Ca_Kabuli_NC_021164.1_22431041	Ca_kabuli_chr05	22431041	[T/G]	1067297500
Ca_Kabuli_NC_021164.1_22446077	Ca_kabuli_chr05	22446077	[A/C]	1067297501
Ca_Kabuli_NC_021164.1_22484728	Ca_kabuli_chr05	22484728	[T/G]	1067297502
Ca_Kabuli_NC_021164.1_22627341	Ca_kabuli_chr05	22627341	[A/C]	1067297503
Ca_Kabuli_NC_021164.1_22695359	Ca_kabuli_chr05	22695359	[T/G]	1067297504

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_22695590	Ca_kabuli_chr05	22695590	[C/T]	1067297506
Ca_Kabuli_NC_021164.1_22695666	Ca_kabuli_chr05	22695666	[G/T]	1067297507
Ca_Kabuli_NC_021164.1_22763707	Ca_kabuli_chr05	22763707	[A/G]	1067297508
Ca_Kabuli_NC_021164.1_22763708	Ca_kabuli_chr05	22763708	[T/C]	1067297509
Ca_Kabuli_NC_021164.1_22763710	Ca_kabuli_chr05	22763710	[A/G]	1067297510
Ca_Kabuli_NC_021164.1_22763712	Ca_kabuli_chr05	22763712	[A/C]	1067297511
Ca_Kabuli_NC_021164.1_22763716	Ca_kabuli_chr05	22763716	[A/C]	1067297512
Ca_Kabuli_NC_021164.1_22763726	Ca_kabuli_chr05	22763726	[T/C]	1067297513
Ca_Kabuli_NC_021164.1_23063384	Ca_kabuli_chr05	23063384	[T/C]	1067297514
Ca_Kabuli_NC_021164.1_23151994	Ca_kabuli_chr05	23151994	[A/C]	1067297515
Ca_Kabuli_NC_021164.1_23152020	Ca_kabuli_chr05	23152020	[T/A]	1067297516
Ca_Kabuli_NC_021164.1_23157944	Ca_kabuli_chr05	23157944	[A/C]	1067297517
Ca_Kabuli_NC_021164.1_23161972	Ca_kabuli_chr05	23161972	[T/G]	1067297518
Ca_Kabuli_NC_021164.1_23161993	Ca_kabuli_chr05	23161993	[T/C]	1067297519
Ca_Kabuli_NC_021164.1_23318702	Ca_kabuli_chr05	23318702	[T/A]	1067297520
Ca_Kabuli_NC_021164.1_23440279	Ca_kabuli_chr05	23440279	[A/G]	1067297521
Ca_Kabuli_NC_021164.1_23440287	Ca_kabuli_chr05	23440287	[T/G]	1067297522
Ca_Kabuli_NC_021164.1_23449134	Ca_kabuli_chr05	23449134	[A/C]	1067297523
Ca_Kabuli_NC_021164.1_23661904	Ca_kabuli_chr05	23661904	[G/C]	1067297524
Ca_Kabuli_NC_021164.1_23663999	Ca_kabuli_chr05	23663999	[A/C]	1067297525
Ca_Kabuli_NC_021164.1_23669836	Ca_kabuli_chr05	23669836	[G/T]	1067297526
Ca_Kabuli_NC_021164.1_23673391	Ca_kabuli_chr05	23673391	[T/C]	1067297527
Ca_Kabuli_NC_021164.1_23673912	Ca_kabuli_chr05	23673912	[T/C]	1067297528
Ca_Kabuli_NC_021164.1_23674378	Ca_kabuli_chr05	23674378	[T/A]	1067297529
Ca_Kabuli_NC_021164.1_23674385	Ca_kabuli_chr05	23674385	[C/A]	1067297530
Ca_Kabuli_NC_021164.1_23674574	Ca_kabuli_chr05	23674574	[A/G]	1067297531
Ca_Kabuli_NC_021164.1_23674577	Ca_kabuli_chr05	23674577	[A/C]	1067297532
Ca_Kabuli_NC_021164.1_23674580	Ca_kabuli_chr05	23674580	[A/C]	1067297533
Ca_Kabuli_NC_021164.1_23683507	Ca_kabuli_chr05	23683507	[A/C]	1067297534
Ca_Kabuli_NC_021164.1_23896621	Ca_kabuli_chr05	23896621	[G/C]	1067297535
Ca_Kabuli_NC_021164.1_23896642	Ca_kabuli_chr05	23896642	[T/C]	1067297536
Ca_Kabuli_NC_021164.1_23896645	Ca_kabuli_chr05	23896645	[A/G]	1067297537
Ca_Kabuli_NC_021164.1_23896648	Ca_kabuli_chr05	23896648	[A/G]	1067297538

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_23900520	Ca_kabuli_chr05	23900520	[T/G]	1067297541
Ca_Kabuli_NC_021164.1_23930960	Ca_kabuli_chr05	23930960	[T/A]	1067297542
Ca_Kabuli_NC_021164.1_24090523	Ca_kabuli_chr05	24090523	[A/C]	1067297543
Ca_Kabuli_NC_021164.1_24346246	Ca_kabuli_chr05	24346246	[C/A]	1067297544
Ca_Kabuli_NC_021164.1_24346247	Ca_kabuli_chr05	24346247	[C/T]	1067297545
Ca_Kabuli_NC_021164.1_24346248	Ca_kabuli_chr05	24346248	[A/C]	1067297546
Ca_Kabuli_NC_021164.1_24346249	Ca_kabuli_chr05	24346249	[G/T]	1067297547
Ca_Kabuli_NC_021164.1_24453018	Ca_kabuli_chr05	24453018	[T/C]	1067297548
Ca_Kabuli_NC_021164.1_24453047	Ca_kabuli_chr05	24453047	[T/C]	1067297549
Ca_Kabuli_NC_021164.1_24455862	Ca_kabuli_chr05	24455862	[T/C]	1067297550
Ca_Kabuli_NC_021164.1_24456308	Ca_kabuli_chr05	24456308	[A/C]	1067297551
Ca_Kabuli_NC_021164.1_24487926	Ca_kabuli_chr05	24487926	[T/G]	1067297552
Ca_Kabuli_NC_021164.1_24497690	Ca_kabuli_chr05	24497690	[T/G]	1067297553
Ca_Kabuli_NC_021164.1_24500906	Ca_kabuli_chr05	24500906	[T/C]	1067297554
Ca_Kabuli_NC_021164.1_24539412	Ca_kabuli_chr05	24539412	[A/T]	1067297555
Ca_Kabuli_NC_021164.1_24596240	Ca_kabuli_chr05	24596240	[T/G]	1067297556
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Ca_Kabuli_NC_021164.1_24811305	Ca_kabuli_chr05	24811305	[T/G]	1067297558
Ca_Kabuli_NC_021164.1_24822626	Ca_kabuli_chr05	24822626	[A/C]	1067297559
Ca_Kabuli_NC_021164.1_24822630	Ca_kabuli_chr05	24822630	[A/C]	1067297560
Ca_Kabuli_NC_021164.1_24822635	Ca_kabuli_chr05	24822635	[A/C]	1067297561
Ca_Kabuli_NC_021164.1_24822644	Ca_kabuli_chr05	24822644	[T/C]	1067297562
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Ca_Kabuli_NC_021164.1_24822656	Ca_kabuli_chr05	24822656	[C/T]	1067297566
Ca_Kabuli_NC_021164.1_24822660	Ca_kabuli_chr05	24822660	[C/T]	1067297567
Ca_Kabuli_NC_021164.1_24822664	Ca_kabuli_chr05	24822664	[C/T]	1067297568
Ca_Kabuli_NC_021164.1_24843049	Ca_kabuli_chr05	24843049	[A/C]	1067297569
Ca_Kabuli_NC_021164.1_24843053	Ca_kabuli_chr05	24843053	[A/T]	1067297570
Ca_Kabuli_NC_021164.1_24843085	Ca_kabuli_chr05	24843085	[A/T]	1067297571
Ca_Kabuli_NC_021164.1_24985735	Ca_kabuli_chr05	24985735	[T/G]	1067297572

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_25006227	Ca_kabuli_chr05	25006227	[A/C]	1067297575
Ca_Kabuli_NC_021164.1_25120905	Ca_kabuli_chr05	25120905	[T/A]	1067297576
Ca_Kabuli_NC_021164.1_25120950	Ca_kabuli_chr05	25120950	[A/C]	1067297577
Ca_Kabuli_NC_021164.1_25333468	Ca_kabuli_chr05	25333468	[T/A]	1067297578
Ca_Kabuli_NC_021164.1_25400510	Ca_kabuli_chr05	25400510	[T/C]	1067297579
Ca_Kabuli_NC_021164.1_25400568	Ca_kabuli_chr05	25400568	[A/G]	1067297580
Ca_Kabuli_NC_021164.1_25435023	Ca_kabuli_chr05	25435023	[A/T]	1067297581
Ca_Kabuli_NC_021164.1_25437861	Ca_kabuli_chr05	25437861	[T/A]	1067297582
Ca_Kabuli_NC_021164.1_25437871	Ca_kabuli_chr05	25437871	[A/G]	1067297583
Ca_Kabuli_NC_021164.1_25437888	Ca_kabuli_chr05	25437888	[A/G]	1067297584
Ca_Kabuli_NC_021164.1_25457957	Ca_kabuli_chr05	25457957	[T/G]	1067297585
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Ca_Kabuli_NC_021164.1_25679048	Ca_kabuli_chr05	25679048	[T/C]	1067297587
Ca_Kabuli_NC_021164.1_25697491	Ca_kabuli_chr05	25697491	[G/A]	1067297588
Ca_Kabuli_NC_021164.1_25697492	Ca_kabuli_chr05	25697492	[A/C]	1067297589
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Ca_Kabuli_NC_021164.1_26290961	Ca_kabuli_chr05	26290961	[T/G]	1067297597
Ca_Kabuli_NC_021164.1_26290999	Ca_kabuli_chr05	26290999	[T/G]	1067297598
Ca_Kabuli_NC_021164.1_26319766	Ca_kabuli_chr05	26319766	[T/G]	1067297599
Ca_Kabuli_NC_021164.1_26325980	Ca_kabuli_chr05	26325980	[A/C]	1067297600
Ca_Kabuli_NC_021164.1_26384675	Ca_kabuli_chr05	26384675	[A/C]	1067297601
Ca_Kabuli_NC_021164.1_26474873	Ca_kabuli_chr05	26474873	[A/C]	1067297602
Ca_Kabuli_NC_021164.1_26474935	Ca_kabuli_chr05	26474935	[T/G]	1067297603
Ca_Kabuli_NC_021164.1_26474963	Ca_kabuli_chr05	26474963	[C/T]	1067297604
Ca_Kabuli_NC_021164.1_26474966	Ca_kabuli_chr05	26474966	[G/A]	1067297605
Ca_Kabuli_NC_021164.1_26474971	Ca_kabuli_chr05	26474971	[A/C]	1067297606

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_26605894	Ca_kabuli_chr05	26605894	[T/G]	1067297609
Ca_Kabuli_NC_021164.1_26605966	Ca_kabuli_chr05	26605966	[A/G]	1067297610
Ca_Kabuli_NC_021164.1_26626832	Ca_kabuli_chr05	26626832	[T/G]	1067297611
Ca_Kabuli_NC_021164.1_26626855	Ca_kabuli_chr05	26626855	[T/A]	1067297612
Ca_Kabuli_NC_021164.1_26696323	Ca_kabuli_chr05	26696323	[T/C]	1067297613
Ca_Kabuli_NC_021164.1_26696378	Ca_kabuli_chr05	26696378	[A/G]	1067297614
Ca_Kabuli_NC_021164.1_26696533	Ca_kabuli_chr05	26696533	[C/T]	1067297615
Ca_Kabuli_NC_021164.1_26987679	Ca_kabuli_chr05	26987679	[G/A]	1067297616
Ca_Kabuli_NC_021164.1_26987707	Ca_kabuli_chr05	26987707	[C/T]	1067297617
Ca_Kabuli_NC_021164.1_26997313	Ca_kabuli_chr05	26997313	[T/C]	1067297618
Ca_Kabuli_NC_021164.1_26997335	Ca_kabuli_chr05	26997335	[T/G]	1067297619
Ca_Kabuli_NC_021164.1_26997539	Ca_kabuli_chr05	26997539	[A/C]	1067297620
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Ca_Kabuli_NC_021164.1_26999390	Ca_kabuli_chr05	26999390	[A/C]	1067297622
Ca_Kabuli_NC_021164.1_26999761	Ca_kabuli_chr05	26999761	[T/C]	1067297623
Ca_Kabuli_NC_021164.1_27000075	Ca_kabuli_chr05	27000075	[A/G]	1067297624
Ca_Kabuli_NC_021164.1_27000090	Ca_kabuli_chr05	27000090	[A/G]	1067297625
Ca_Kabuli_NC_021164.1_27000227	Ca_kabuli_chr05	27000227	[A/C]	1067297626
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Ca_Kabuli_NC_021164.1_27000259	Ca_kabuli_chr05	27000259	[G/A]	1067297628
Ca_Kabuli_NC_021164.1_27000994	Ca_kabuli_chr05	27000994	[A/T]	1067297629
Ca_Kabuli_NC_021164.1_27001020	Ca_kabuli_chr05	27001020	[A/C]	1067297630
Ca_Kabuli_NC_021164.1_27012109	Ca_kabuli_chr05	27012109	[A/T]	1067297631
Ca_Kabuli_NC_021164.1_27150310	Ca_kabuli_chr05	27150310	[A/C]	1067297632
Ca_Kabuli_NC_021164.1_27150550	Ca_kabuli_chr05	27150550	[G/A]	1067297633
Ca_Kabuli_NC_021164.1_27181850	Ca_kabuli_chr05	27181850	[A/T]	1067297634
Ca_Kabuli_NC_021164.1_27181851	Ca_kabuli_chr05	27181851	[T/C]	1067297635
Ca_Kabuli_NC_021164.1_27282826	Ca_kabuli_chr05	27282826	[A/G]	1067297636
Ca_Kabuli_NC_021164.1_27282828	Ca_kabuli_chr05	27282828	[G/T]	1067297637
Ca_Kabuli_NC_021164.1_27333995	Ca_kabuli_chr05	27333995	[A/G]	1067297638
Ca_Kabuli_NC_021164.1_27334054	Ca_kabuli_chr05	27334054	[A/T]	1067297639
Ca_Kabuli_NC_021164.1_27334057	Ca_kabuli_chr05	27334057	[G/C]	1067297640

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_27361517	Ca_kabuli_chr05	27361517	[A/C]	1067297642
Ca_Kabuli_NC_021164.1_27361523	Ca_kabuli_chr05	27361523	[A/C]	1067297643
Ca_Kabuli_NC_021164.1_27361526	Ca_kabuli_chr05	27361526	[C/T]	1067297644
Ca_Kabuli_NC_021164.1_27361530	Ca_kabuli_chr05	27361530	[A/C]	1067297645
Ca_Kabuli_NC_021164.1_27361534	Ca_kabuli_chr05	27361534	[T/C]	1067297646
Ca_Kabuli_NC_021164.1_27361540	Ca_kabuli_chr05	27361540	[A/C]	1067297647
Ca_Kabuli_NC_021164.1_27361581	Ca_kabuli_chr05	27361581	[A/T]	1067297648
Ca_Kabuli_NC_021164.1_27361584	Ca_kabuli_chr05	27361584	[G/C]	1067297649
Ca_Kabuli_NC_021164.1_27361587	Ca_kabuli_chr05	27361587	[G/T]	1067297650
Ca_Kabuli_NC_021164.1_27361605	Ca_kabuli_chr05	27361605	[A/T]	1067297651
Ca_Kabuli_NC_021164.1_27361668	Ca_kabuli_chr05	27361668	[T/G]	1067297652
Ca_Kabuli_NC_021164.1_27362312	Ca_kabuli_chr05	27362312	[A/G]	1067297653
Ca_Kabuli_NC_021164.1_27362537	Ca_kabuli_chr05	27362537	[T/C]	1067297654
Ca_Kabuli_NC_021164.1_27362547	Ca_kabuli_chr05	27362547	[A/C]	1067297655
Ca_Kabuli_NC_021164.1_27362562	Ca_kabuli_chr05	27362562	[A/G]	1067297656
Ca_Kabuli_NC_021164.1_27362645	Ca_kabuli_chr05	27362645	[T/G]	1067297657
Ca_Kabuli_NC_021164.1_27555618	Ca_kabuli_chr05	27555618	[T/G]	1067297658
Ca_Kabuli_NC_021164.1_27555710	Ca_kabuli_chr05	27555710	[G/A]	1067297659
Ca_Kabuli_NC_021164.1_27555713	Ca_kabuli_chr05	27555713	[T/G]	1067297660
Ca_Kabuli_NC_021164.1_27626966	Ca_kabuli_chr05	27626966	[T/C]	1067297661
Ca_Kabuli_NC_021164.1_27626978	Ca_kabuli_chr05	27626978	[T/A]	1067297662
Ca_Kabuli_NC_021164.1_27686976	Ca_kabuli_chr05	27686976	[T/G]	1067297663
Ca_Kabuli_NC_021164.1_27692771	Ca_kabuli_chr05	27692771	[A/C]	1067297664
Ca_Kabuli_NC_021164.1_27692802	Ca_kabuli_chr05	27692802	[C/T]	1067297665
Ca_Kabuli_NC_021164.1_27692804	Ca_kabuli_chr05	27692804	[C/T]	1067297666
Ca_Kabuli_NC_021164.1_27694255	Ca_kabuli_chr05	27694255	[A/C]	1067297667
Ca_Kabuli_NC_021164.1_27749043	Ca_kabuli_chr05	27749043	[T/C]	1067297668
Ca_Kabuli_NC_021164.1_27749044	Ca_kabuli_chr05	27749044	[C/G]	1067297669
Ca_Kabuli_NC_021164.1_27749080	Ca_kabuli_chr05	27749080	[A/G]	1067297670
Ca_Kabuli_NC_021164.1_27749082	Ca_kabuli_chr05	27749082	[T/C]	1067297671
Ca_Kabuli_NC_021164.1_27750009	Ca_kabuli_chr05	27750009	[T/G]	1067297672
Ca_Kabuli_NC_021164.1_27750191	Ca_kabuli_chr05	27750191	[A/G]	1067297673
Ca_Kabuli_NC_021164.1_27750231	Ca_kabuli_chr05	27750231	[T/G]	1067297674

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_27875320	Ca_kabuli_chr05	27875320	[A/C]	1067297677
Ca_Kabuli_NC_021164.1_27884193	Ca_kabuli_chr05	27884193	[C/A]	1067297678
Ca_Kabuli_NC_021164.1_27884194	Ca_kabuli_chr05	27884194	[T/G]	1067297679
Ca_Kabuli_NC_021164.1_27884195	Ca_kabuli_chr05	27884195	[C/A]	1067297680
Ca_Kabuli_NC_021164.1_27884196	Ca_kabuli_chr05	27884196	[C/T]	1067297681
Ca_Kabuli_NC_021164.1_27884877	Ca_kabuli_chr05	27884877	[T/G]	1067297682
Ca_Kabuli_NC_021164.1_27884979	Ca_kabuli_chr05	27884979	[T/G]	1067297683
Ca_Kabuli_NC_021164.1_27932008	Ca_kabuli_chr05	27932008	[C/G]	1067297684
Ca_Kabuli_NC_021164.1_27932017	Ca_kabuli_chr05	27932017	[G/A]	1067297685
Ca_Kabuli_NC_021164.1_27932030	Ca_kabuli_chr05	27932030	[A/C]	1067297686
Ca_Kabuli_NC_021164.1_27974642	Ca_kabuli_chr05	27974642	[T/C]	1067297687
Ca_Kabuli_NC_021164.1_27974679	Ca_kabuli_chr05	27974679	[A/G]	1067297688
Ca_Kabuli_NC_021164.1_28116898	Ca_kabuli_chr05	28116898	[A/G]	1067297689
Ca_Kabuli_NC_021164.1_28162044	Ca_kabuli_chr05	28162044	[T/G]	1067297690
Ca_Kabuli_NC_021164.1_28162046	Ca_kabuli_chr05	28162046	[A/G]	1067297691
Ca_Kabuli_NC_021164.1_28239522	Ca_kabuli_chr05	28239522	[A/G]	1067297692
Ca_Kabuli_NC_021164.1_28239791	Ca_kabuli_chr05	28239791	[T/C]	1067297693
Ca_Kabuli_NC_021164.1_28335375	Ca_kabuli_chr05	28335375	[T/C]	1067297694
Ca_Kabuli_NC_021164.1_28335434	Ca_kabuli_chr05	28335434	[A/C]	1067297695
Ca_Kabuli_NC_021164.1_28335436	Ca_kabuli_chr05	28335436	[C/A]	1067297696
Ca_Kabuli_NC_021164.1_28335440	Ca_kabuli_chr05	28335440	[A/G]	1067297697
Ca_Kabuli_NC_021164.1_28335447	Ca_kabuli_chr05	28335447	[A/C]	1067297698
Ca_Kabuli_NC_021164.1_28335455	Ca_kabuli_chr05	28335455	[A/C]	1067297699
Ca_Kabuli_NC_021164.1_28360495	Ca_kabuli_chr05	28360495	[T/C]	1067297700
Ca_Kabuli_NC_021164.1_28360722	Ca_kabuli_chr05	28360722	[T/C]	1067297701
Ca_Kabuli_NC_021164.1_28376836	Ca_kabuli_chr05	28376836	[C/G]	1067297702
Ca_Kabuli_NC_021164.1_28541649	Ca_kabuli_chr05	28541649	[A/C]	1067297703
Ca_Kabuli_NC_021164.1_28541690	Ca_kabuli_chr05	28541690	[T/C]	1067297704
Ca_Kabuli_NC_021164.1_28559836	Ca_kabuli_chr05	28559836	[T/G]	1067297705
Ca_Kabuli_NC_021164.1_28559861	Ca_kabuli_chr05	28559861	[T/A]	1067297706
Ca_Kabuli_NC_021164.1_28562767	Ca_kabuli_chr05	28562767	[T/C]	1067297707
Ca_Kabuli_NC_021164.1_28581814	Ca_kabuli_chr05	28581814	[G/A]	1067297708

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_28582763	Ca_kabuli_chr05	28582763	[G/A]	1067297711
Ca_Kabuli_NC_021164.1_28582806	Ca_kabuli_chr05	28582806	[C/T]	1067297712
Ca_Kabuli_NC_021164.1_28690037	Ca_kabuli_chr05	28690037	[T/G]	1067297713
Ca_Kabuli_NC_021164.1_28717362	Ca_kabuli_chr05	28717362	[T/C]	1067297714
Ca_Kabuli_NC_021164.1_28717384	Ca_kabuli_chr05	28717384	[T/C]	1067297715
Ca_Kabuli_NC_021164.1_28721236	Ca_kabuli_chr05	28721236	[T/C]	1067297716
Ca_Kabuli_NC_021164.1_28721237	Ca_kabuli_chr05	28721237	[G/A]	1067297717
Ca_Kabuli_NC_021164.1_28721383	Ca_kabuli_chr05	28721383	[A/C]	1067297718
Ca_Kabuli_NC_021164.1_28721386	Ca_kabuli_chr05	28721386	[T/C]	1067297719
Ca_Kabuli_NC_021164.1_28721761	Ca_kabuli_chr05	28721761	[T/C]	1067297720
Ca_Kabuli_NC_021164.1_28721764	Ca_kabuli_chr05	28721764	[C/A]	1067297721
Ca_Kabuli_NC_021164.1_28746115	Ca_kabuli_chr05	28746115	[A/T]	1067297722
Ca_Kabuli_NC_021164.1_28746139	Ca_kabuli_chr05	28746139	[A/C]	1067297723
Ca_Kabuli_NC_021164.1_28746142	Ca_kabuli_chr05	28746142	[A/C]	1067297724
Ca_Kabuli_NC_021164.1_28748061	Ca_kabuli_chr05	28748061	[T/C]	1067297725
Ca_Kabuli_NC_021164.1_28757467	Ca_kabuli_chr05	28757467	[T/A]	1067297726
Ca_Kabuli_NC_021164.1_28757485	Ca_kabuli_chr05	28757485	[C/A]	1067297727
Ca_Kabuli_NC_021164.1_28757498	Ca_kabuli_chr05	28757498	[T/A]	1067297728
Ca_Kabuli_NC_021164.1_28757507	Ca_kabuli_chr05	28757507	[T/A]	1067297729
Ca_Kabuli_NC_021164.1_28757939	Ca_kabuli_chr05	28757939	[T/A]	1067297730
Ca_Kabuli_NC_021164.1_28757959	Ca_kabuli_chr05	28757959	[A/G]	1067297731
Ca_Kabuli_NC_021164.1_28758723	Ca_kabuli_chr05	28758723	[G/A]	1067297732
Ca_Kabuli_NC_021164.1_28813280	Ca_kabuli_chr05	28813280	[T/A]	1067297733
Ca_Kabuli_NC_021164.1_28817832	Ca_kabuli_chr05	28817832	[G/A]	1067297734
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Ca_Kabuli_NC_021164.1_28854006	Ca_kabuli_chr05	28854006	[A/G]	1067297736
Ca_Kabuli_NC_021164.1_28854486	Ca_kabuli_chr05	28854486	[T/C]	1067297737
Ca_Kabuli_NC_021164.1_29007876	Ca_kabuli_chr05	29007876	[T/A]	1067297738
Ca_Kabuli_NC_021164.1_29007879	Ca_kabuli_chr05	29007879	[T/C]	1067297739
Ca_Kabuli_NC_021164.1_29007882	Ca_kabuli_chr05	29007882	[A/C]	1067297740
Ca_Kabuli_NC_021164.1_29007884	Ca_kabuli_chr05	29007884	[A/C]	1067297741
Ca_Kabuli_NC_021164.1_29007886	Ca_kabuli_chr05	29007886	[A/C]	1067297742



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_29084345	Ca_kabuli_chr05	29084345	[T/C]	1067297745
Ca_Kabuli_NC_021164.1_29222560	Ca_kabuli_chr05	29222560	[A/C]	1067297746
Ca_Kabuli_NC_021164.1_29262600	Ca_kabuli_chr05	29262600	[A/C]	1067297747
Ca_Kabuli_NC_021164.1_29272193	Ca_kabuli_chr05	29272193	[T/A]	1067297748
Ca_Kabuli_NC_021164.1_29274443	Ca_kabuli_chr05	29274443	[T/C]	1067297749
Ca_Kabuli_NC_021164.1_29274461	Ca_kabuli_chr05	29274461	[T/C]	1067297750
Ca_Kabuli_NC_021164.1_29274518	Ca_kabuli_chr05	29274518	[A/G]	1067297751
Ca_Kabuli_NC_021164.1_29274520	Ca_kabuli_chr05	29274520	[A/C]	1067297752
Ca_Kabuli_NC_021164.1_29437139	Ca_kabuli_chr05	29437139	[T/C]	1067297753
Ca_Kabuli_NC_021164.1_29437146	Ca_kabuli_chr05	29437146	[C/A]	1067297754
Ca_Kabuli_NC_021164.1_29437162	Ca_kabuli_chr05	29437162	[C/A]	1067297755
Ca_Kabuli_NC_021164.1_29437166	Ca_kabuli_chr05	29437166	[T/C]	1067297756
Ca_Kabuli_NC_021164.1_29437171	Ca_kabuli_chr05	29437171	[T/A]	1067297757
Ca_Kabuli_NC_021164.1_29531093	Ca_kabuli_chr05	29531093	[T/C]	1067297758
Ca_Kabuli_NC_021164.1_29531158	Ca_kabuli_chr05	29531158	[A/C]	1067297759
Ca_Kabuli_NC_021164.1_29608675	Ca_kabuli_chr05	29608675	[A/C]	1067297760
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Ca_Kabuli_NC_021164.1_29641606	Ca_kabuli_chr05	29641606	[T/C]	1067297762
Ca_Kabuli_NC_021164.1_29641621	Ca_kabuli_chr05	29641621	[A/C]	1067297763
Ca_Kabuli_NC_021164.1_29641644	Ca_kabuli_chr05	29641644	[A/G]	1067297764
Ca_Kabuli_NC_021164.1_29658220	Ca_kabuli_chr05	29658220	[T/C]	1067297765
Ca_Kabuli_NC_021164.1_29658239	Ca_kabuli_chr05	29658239	[A/C]	1067297766
Ca_Kabuli_NC_021164.1_29772723	Ca_kabuli_chr05	29772723	[T/A]	1067297767
Ca_Kabuli_NC_021164.1_29772735	Ca_kabuli_chr05	29772735	[A/C]	1067297768
Ca_Kabuli_NC_021164.1_29792542	Ca_kabuli_chr05	29792542	[T/C]	1067297769
Ca_Kabuli_NC_021164.1_29792610	Ca_kabuli_chr05	29792610	[A/G]	1067297770
Ca_Kabuli_NC_021164.1_29795513	Ca_kabuli_chr05	29795513	[T/G]	1067297771
Ca_Kabuli_NC_021164.1_29809678	Ca_kabuli_chr05	29809678	[A/G]	1067297772
Ca_Kabuli_NC_021164.1_29809734	Ca_kabuli_chr05	29809734	[A/C]	1067297773
Ca_Kabuli_NC_021164.1_29886174	Ca_kabuli_chr05	29886174	[G/A]	1067297774
Ca_Kabuli_NC_021164.1_29886177	Ca_kabuli_chr05	29886177	[G/A]	1067297775
Ca_Kabuli_NC_021164.1_29886203	Ca_kabuli_chr05	29886203	[T/A]	1067297776

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_29974494	Ca_kabuli_chr05	29974494	[T/G]	1067297779
Ca_Kabuli_NC_021164.1_29974583	Ca_kabuli_chr05	29974583	[G/T]	1067297780
Ca_Kabuli_NC_021164.1_29989693	Ca_kabuli_chr05	29989693	[C/A]	1067297781
Ca_Kabuli_NC_021164.1_29989694	Ca_kabuli_chr05	29989694	[C/G]	1067297782
Ca_Kabuli_NC_021164.1_29989696	Ca_kabuli_chr05	29989696	[A/T]	1067297783
Ca_Kabuli_NC_021164.1_29999465	Ca_kabuli_chr05	29999465	[G/T]	1067297784
Ca_Kabuli_NC_021164.1_30035763	Ca_kabuli_chr05	30035763	[A/C]	1067297785
Ca_Kabuli_NC_021164.1_30053486	Ca_kabuli_chr05	30053486	[A/T]	1067297786
Ca_Kabuli_NC_021164.1_30124077	Ca_kabuli_chr05	30124077	[G/C]	1067297787
Ca_Kabuli_NC_021164.1_30124086	Ca_kabuli_chr05	30124086	[C/G]	1067297788
Ca_Kabuli_NC_021164.1_30138508	Ca_kabuli_chr05	30138508	[T/A]	1067297789
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Ca_Kabuli_NC_021164.1_30191349	Ca_kabuli_chr05	30191349	[T/G]	1067297791
Ca_Kabuli_NC_021164.1_30286879	Ca_kabuli_chr05	30286879	[A/C]	1067297792
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Ca_Kabuli_NC_021164.1_30358986	Ca_kabuli_chr05	30358986	[A/G]	1067297796
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Ca_Kabuli_NC_021164.1_30359044	Ca_kabuli_chr05	30359044	[A/G]	1067297800
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Ca_Kabuli_NC_021164.1_30366771	Ca_kabuli_chr05	30366771	[A/T]	1067297802
Ca_Kabuli_NC_021164.1_30366787	Ca_kabuli_chr05	30366787	[A/C]	1067297803
Ca_Kabuli_NC_021164.1_30366796	Ca_kabuli_chr05	30366796	[C/A]	1067297804
Ca_Kabuli_NC_021164.1_30366836	Ca_kabuli_chr05	30366836	[A/G]	1067297805
Ca_Kabuli_NC_021164.1_30367691	Ca_kabuli_chr05	30367691	[A/C]	1067297806
Ca_Kabuli_NC_021164.1_30367710	Ca_kabuli_chr05	30367710	[T/G]	1067297807
Ca_Kabuli_NC_021164.1_30373415	Ca_kabuli_chr05	30373415	[T/C]	1067297808
Ca_Kabuli_NC_021164.1_30373837	Ca_kabuli_chr05	30373837	[A/C]	1067297809
Ca_Kabuli_NC_021164.1_30376781	Ca_kabuli_chr05	30376781	[A/G]	1067297810

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_30378223	Ca_kabuli_chr05	30378223	[T/C]	1067297812
Ca_Kabuli_NC_021164.1_30420884	Ca_kabuli_chr05	30420884	[T/A]	1067297813
Ca_Kabuli_NC_021164.1_30420906	Ca_kabuli_chr05	30420906	[T/C]	1067297814
Ca_Kabuli_NC_021164.1_30420912	Ca_kabuli_chr05	30420912	[A/G]	1067297815
Ca_Kabuli_NC_021164.1_30422331	Ca_kabuli_chr05	30422331	[G/T]	1067297816
Ca_Kabuli_NC_021164.1_30438909	Ca_kabuli_chr05	30438909	[A/C]	1067297817
Ca_Kabuli_NC_021164.1_30438950	Ca_kabuli_chr05	30438950	[T/A]	1067297818
Ca_Kabuli_NC_021164.1_30627756	Ca_kabuli_chr05	30627756	[G/T]	1067297819
Ca_Kabuli_NC_021164.1_30635500	Ca_kabuli_chr05	30635500	[A/C]	1067297820
Ca_Kabuli_NC_021164.1_30635525	Ca_kabuli_chr05	30635525	[T/C]	1067297821
Ca_Kabuli_NC_021164.1_30635537	Ca_kabuli_chr05	30635537	[A/G]	1067297822
Ca_Kabuli_NC_021164.1_30690864	Ca_kabuli_chr05	30690864	[T/C]	1067297823
Ca_Kabuli_NC_021164.1_30745585	Ca_kabuli_chr05	30745585	[T/G]	1067297824
Ca_Kabuli_NC_021164.1_30748790	Ca_kabuli_chr05	30748790	[A/T]	1067297825
Ca_Kabuli_NC_021164.1_30748799	Ca_kabuli_chr05	30748799	[A/T]	1067297826
Ca_Kabuli_NC_021164.1_30811243	Ca_kabuli_chr05	30811243	[G/C]	1067297827
Ca_Kabuli_NC_021164.1_30811244	Ca_kabuli_chr05	30811244	[T/A]	1067297828
Ca_Kabuli_NC_021164.1_30811245	Ca_kabuli_chr05	30811245	[C/T]	1067297829
Ca_Kabuli_NC_021164.1_30816644	Ca_kabuli_chr05	30816644	[T/G]	1067297830
Ca_Kabuli_NC_021164.1_30863959	Ca_kabuli_chr05	30863959	[T/G]	1067297831
Ca_Kabuli_NC_021164.1_30863984	Ca_kabuli_chr05	30863984	[A/C]	1067297832
Ca_Kabuli_NC_021164.1_30890443	Ca_kabuli_chr05	30890443	[A/G]	1067297833
Ca_Kabuli_NC_021164.1_30890446	Ca_kabuli_chr05	30890446	[T/C]	1067297834
Ca_Kabuli_NC_021164.1_30890472	Ca_kabuli_chr05	30890472	[A/T]	1067297835
Ca_Kabuli_NC_021164.1_30894313	Ca_kabuli_chr05	30894313	[A/G]	1067297836
Ca_Kabuli_NC_021164.1_30903096	Ca_kabuli_chr05	30903096	[A/C]	1067297837
Ca_Kabuli_NC_021164.1_30903110	Ca_kabuli_chr05	30903110	[T/G]	1067297838
Ca_Kabuli_NC_021164.1_30903128	Ca_kabuli_chr05	30903128	[A/G]	1067297839
Ca_Kabuli_NC_021164.1_30903134	Ca_kabuli_chr05	30903134	[A/G]	1067297840
Ca_Kabuli_NC_021164.1_30939087	Ca_kabuli_chr05	30939087	[A/G]	1067297841
Ca_Kabuli_NC_021164.1_30939325	Ca_kabuli_chr05	30939325	[G/T]	1067297842
Ca_Kabuli_NC_021164.1_30976615	Ca_kabuli_chr05	30976615	[A/T]	1067297843
Ca_Kabuli_NC_021164.1_30976616	Ca_kabuli_chr05	30976616	[T/C]	1067297844

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_30993661	Ca_kabuli_chr05	30993661	[A/T]	1067297847
Ca_Kabuli_NC_021164.1_30993664	Ca_kabuli_chr05	30993664	[A/G]	1067297848
Ca_Kabuli_NC_021164.1_30993670	Ca_kabuli_chr05	30993670	[A/G]	1067297849
Ca_Kabuli_NC_021164.1_30993679	Ca_kabuli_chr05	30993679	[T/A]	1067297850
Ca_Kabuli_NC_021164.1_30993682	Ca_kabuli_chr05	30993682	[G/A]	1067297851
Ca_Kabuli_NC_021164.1_30993711	Ca_kabuli_chr05	30993711	[A/G]	1067297852
Ca_Kabuli_NC_021164.1_31036716	Ca_kabuli_chr05	31036716	[T/A]	1067297853
Ca_Kabuli_NC_021164.1_31036742	Ca_kabuli_chr05	31036742	[A/G]	1067297854
Ca_Kabuli_NC_021164.1_31036760	Ca_kabuli_chr05	31036760	[G/T]	1067297855
Ca_Kabuli_NC_021164.1_31036770	Ca_kabuli_chr05	31036770	[A/T]	1067297856
Ca_Kabuli_NC_021164.1_31057528	Ca_kabuli_chr05	31057528	[T/G]	1067297857
Ca_Kabuli_NC_021164.1_31064311	Ca_kabuli_chr05	31064311	[A/G]	1067297858
Ca_Kabuli_NC_021164.1_31064326	Ca_kabuli_chr05	31064326	[T/G]	1067297859
Ca_Kabuli_NC_021164.1_31082143	Ca_kabuli_chr05	31082143	[T/A]	1067297860
Ca_Kabuli_NC_021164.1_31082144	Ca_kabuli_chr05	31082144	[C/T]	1067297861
Ca_Kabuli_NC_021164.1_31082145	Ca_kabuli_chr05	31082145	[G/C]	1067297862
Ca_Kabuli_NC_021164.1_31082146	Ca_kabuli_chr05	31082146	[G/T]	1067297863
Ca_Kabuli_NC_021164.1_31131830	Ca_kabuli_chr05	31131830	[T/C]	1067297864
Ca_Kabuli_NC_021164.1_31132450	Ca_kabuli_chr05	31132450	[T/A]	1067297865
Ca_Kabuli_NC_021164.1_31138669	Ca_kabuli_chr05	31138669	[C/G]	1067297866
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Ca_Kabuli_NC_021164.1_31141695	Ca_kabuli_chr05	31141695	[A/C]	1067297868
Ca_Kabuli_NC_021164.1_31165033	Ca_kabuli_chr05	31165033	[A/C]	1067297869
Ca_Kabuli_NC_021164.1_31171529	Ca_kabuli_chr05	31171529	[T/C]	1067297870
Ca_Kabuli_NC_021164.1_31171533	Ca_kabuli_chr05	31171533	[A/C]	1067297871
Ca_Kabuli_NC_021164.1_31176695	Ca_kabuli_chr05	31176695	[T/C]	1067297872
Ca_Kabuli_NC_021164.1_31176697	Ca_kabuli_chr05	31176697	[T/C]	1067297873
Ca_Kabuli_NC_021164.1_31176731	Ca_kabuli_chr05	31176731	[A/G]	1067297874
Ca_Kabuli_NC_021164.1_31176750	Ca_kabuli_chr05	31176750	[T/C]	1067297875
Ca_Kabuli_NC_021164.1_31176817	Ca_kabuli_chr05	31176817	[T/A]	1067297876
Ca_Kabuli_NC_021164.1_31181392	Ca_kabuli_chr05	31181392	[T/G]	1067297877
Ca_Kabuli_NC_021164.1_31192391	Ca_kabuli_chr05	31192391	[A/T]	1067297878

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_31303773	Ca_kabuli_chr05	31303773	[T/G]	1067297882
Ca_Kabuli_NC_021164.1_31306171	Ca_kabuli_chr05	31306171	[C/A]	1067297883
Ca_Kabuli_NC_021164.1_31306172	Ca_kabuli_chr05	31306172	[A/G]	1067297884
Ca_Kabuli_NC_021164.1_31313858	Ca_kabuli_chr05	31313858	[T/G]	1067297885
Ca_Kabuli_NC_021164.1_31314012	Ca_kabuli_chr05	31314012	[A/C]	1067297886
Ca_Kabuli_NC_021164.1_31330704	Ca_kabuli_chr05	31330704	[T/A]	1067297887
Ca_Kabuli_NC_021164.1_31330710	Ca_kabuli_chr05	31330710	[A/G]	1067297888
Ca_Kabuli_NC_021164.1_31330757	Ca_kabuli_chr05	31330757	[A/G]	1067297889
Ca_Kabuli_NC_021164.1_31371625	Ca_kabuli_chr05	31371625	[C/A]	1067297890
Ca_Kabuli_NC_021164.1_31371626	Ca_kabuli_chr05	31371626	[T/G]	1067297891
Ca_Kabuli_NC_021164.1_31403645	Ca_kabuli_chr05	31403645	[G/A]	1067297892
Ca_Kabuli_NC_021164.1_31403647	Ca_kabuli_chr05	31403647	[G/A]	1067297893
Ca_Kabuli_NC_021164.1_31403655	Ca_kabuli_chr05	31403655	[T/G]	1067297894
Ca_Kabuli_NC_021164.1_31403667	Ca_kabuli_chr05	31403667	[T/G]	1067297895
Ca_Kabuli_NC_021164.1_31521962	Ca_kabuli_chr05	31521962	[T/A]	1067297896
Ca_Kabuli_NC_021164.1_31622168	Ca_kabuli_chr05	31622168	[T/C]	1067297897
Ca_Kabuli_NC_021164.1_31622185	Ca_kabuli_chr05	31622185	[A/G]	1067297898
Ca_Kabuli_NC_021164.1_31683378	Ca_kabuli_chr05	31683378	[A/C]	1067297899
Ca_Kabuli_NC_021164.1_31687858	Ca_kabuli_chr05	31687858	[T/C]	1067297900
Ca_Kabuli_NC_021164.1_31696257	Ca_kabuli_chr05	31696257	[T/G]	1067297901
Ca_Kabuli_NC_021164.1_31708574	Ca_kabuli_chr05	31708574	[T/C]	1067297902
Ca_Kabuli_NC_021164.1_31708618	Ca_kabuli_chr05	31708618	[A/G]	1067297903
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Ca_Kabuli_NC_021164.1_31864519	Ca_kabuli_chr05	31864519	[T/C]	1067297907
Ca_Kabuli_NC_021164.1_31864523	Ca_kabuli_chr05	31864523	[A/G]	1067297908
Ca_Kabuli_NC_021164.1_31880926	Ca_kabuli_chr05	31880926	[T/C]	1067297909
Ca_Kabuli_NC_021164.1_31935643	Ca_kabuli_chr05	31935643	[T/C]	1067297910
Ca_Kabuli_NC_021164.1_31935709	Ca_kabuli_chr05	31935709	[A/C]	1067297911
Ca_Kabuli_NC_021164.1_32000346	Ca_kabuli_chr05	32000346	[T/G]	1067297912

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_32011792	Ca_kabuli_chr05	32011792	[T/G]	1067297915
Ca_Kabuli_NC_021164.1_32015983	Ca_kabuli_chr05	32015983	[A/T]	1067297916
Ca_Kabuli_NC_021164.1_32067558	Ca_kabuli_chr05	32067558	[C/T]	1067297917
Ca_Kabuli_NC_021164.1_32149964	Ca_kabuli_chr05	32149964	[C/T]	1067297918
Ca_Kabuli_NC_021164.1_32149976	Ca_kabuli_chr05	32149976	[G/A]	1067297919
Ca_Kabuli_NC_021164.1_32149978	Ca_kabuli_chr05	32149978	[T/C]	1067297920
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Ca_Kabuli_NC_021164.1_32171616	Ca_kabuli_chr05	32171616	[T/G]	1067297922
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Ca_Kabuli_NC_021164.1_32188164	Ca_kabuli_chr05	32188164	[A/T]	1067297925
Ca_Kabuli_NC_021164.1_32188177	Ca_kabuli_chr05	32188177	[A/T]	1067297926
Ca_Kabuli_NC_021164.1_32188182	Ca_kabuli_chr05	32188182	[A/C]	1067297927
Ca_Kabuli_NC_021164.1_32193751	Ca_kabuli_chr05	32193751	[A/G]	1067297928
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Ca_Kabuli_NC_021164.1_32204898	Ca_kabuli_chr05	32204898	[T/G]	1067297930
Ca_Kabuli_NC_021164.1_32204907	Ca_kabuli_chr05	32204907	[T/C]	1067297931
Ca_Kabuli_NC_021164.1_32229542	Ca_kabuli_chr05	32229542	[A/C]	1067297932
Ca_Kabuli_NC_021164.1_32346662	Ca_kabuli_chr05	32346662	[T/A]	1067297933
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Ca_Kabuli_NC_021164.1_32383735	Ca_kabuli_chr05	32383735	[T/C]	1067297938
Ca_Kabuli_NC_021164.1_32383737	Ca_kabuli_chr05	32383737	[T/C]	1067297939
Ca_Kabuli_NC_021164.1_32399307	Ca_kabuli_chr05	32399307	[A/T]	1067297940
Ca_Kabuli_NC_021164.1_32459857	Ca_kabuli_chr05	32459857	[A/T]	1067297941
Ca_Kabuli_NC_021164.1_32481257	Ca_kabuli_chr05	32481257	[T/C]	1067297942
Ca_Kabuli_NC_021164.1_32554169	Ca_kabuli_chr05	32554169	[T/G]	1067297943
Ca_Kabuli_NC_021164.1_32598189	Ca_kabuli_chr05	32598189	[A/G]	1067297944
Ca_Kabuli_NC_021164.1_32598217	Ca_kabuli_chr05	32598217	[T/C]	1067297945
Ca_Kabuli_NC_021164.1_32794257	Ca_kabuli_chr05	32794257	[A/C]	1067297946

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_32840541	Ca_kabuli_chr05	32840541	[T/G]	1067297950
Ca_Kabuli_NC_021164.1_32968793	Ca_kabuli_chr05	32968793	[A/C]	1067297951
Ca_Kabuli_NC_021164.1_32978975	Ca_kabuli_chr05	32978975	[A/C]	1067297952
Ca_Kabuli_NC_021164.1_32998113	Ca_kabuli_chr05	32998113	[G/A]	1067297953
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Ca_Kabuli_NC_021164.1_32998133	Ca_kabuli_chr05	32998133	[A/G]	1067297955
Ca_Kabuli_NC_021164.1_33107719	Ca_kabuli_chr05	33107719	[T/C]	1067297956
Ca_Kabuli_NC_021164.1_33142987	Ca_kabuli_chr05	33142987	[A/C]	1067297957
Ca_Kabuli_NC_021164.1_33143008	Ca_kabuli_chr05	33143008	[A/T]	1067297958
Ca_Kabuli_NC_021164.1_33255835	Ca_kabuli_chr05	33255835	[A/G]	1067297959
Ca_Kabuli_NC_021164.1_33255848	Ca_kabuli_chr05	33255848	[A/G]	1067297960
Ca_Kabuli_NC_021164.1_33256200	Ca_kabuli_chr05	33256200	[T/A]	1067297961
Ca_Kabuli_NC_021164.1_33256287	Ca_kabuli_chr05	33256287	[T/G]	1067297962
Ca_Kabuli_NC_021164.1_33256367	Ca_kabuli_chr05	33256367	[A/C]	1067297963
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Ca_Kabuli_NC_021164.1_33600274	Ca_kabuli_chr05	33600274	[C/A]	1067297974
Ca_Kabuli_NC_021164.1_33600774	Ca_kabuli_chr05	33600774	[A/C]	1067297975
Ca_Kabuli_NC_021164.1_33704718	Ca_kabuli_chr05	33704718	[G/T]	1067297976
Ca_Kabuli_NC_021164.1_33752912	Ca_kabuli_chr05	33752912	[A/G]	1067297977
Ca_Kabuli_NC_021164.1_33754233	Ca_kabuli_chr05	33754233	[G/T]	1067297978
Ca_Kabuli_NC_021164.1_33754236	Ca_kabuli_chr05	33754236	[A/G]	1067297979
Ca_Kabuli_NC_021164.1_33754240	Ca_kabuli_chr05	33754240	[A/G]	1067297980

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021164.1_33754245	Ca_kabuli_chr05	33754245	[C/T]	1067297981
Ca_Kabuli_NC_021164.1_33754246	Ca_kabuli_chr05	33754246	[A/C]	1067297982
Ca_Kabuli_NC_021164.1_33754384	Ca_kabuli_chr05	33754384	[T/C]	1067297983
Ca_Kabuli_NC_021164.1_33754427	Ca_kabuli_chr05	33754427	[T/C]	1067297984
Ca_Kabuli_NC_021164.1_33754441	Ca_kabuli_chr05	33754441	[T/C]	1067297985
Ca_Kabuli_NC_021164.1_33812176	Ca_kabuli_chr05	33812176	[A/G]	1067297986
Ca_Kabuli_NC_021164.1_33812187	Ca_kabuli_chr05	33812187	[A/G]	1067297987
Ca_Kabuli_NC_021164.1_33812200	Ca_kabuli_chr05	33812200	[G/A]	1067297988
Ca_Kabuli_NC_021164.1_33937365	Ca_kabuli_chr05	33937365	[A/G]	1067297989
Ca_Kabuli_NC_021164.1_33949406	Ca_kabuli_chr05	33949406	[A/C]	1067297990
Ca_Kabuli_NC_021164.1_33949411	Ca_kabuli_chr05	33949411	[A/G]	1067297991
Ca_Kabuli_NC_021164.1_33949424	Ca_kabuli_chr05	33949424	[A/C]	1067297992
Ca_Kabuli_NC_021164.1_33985810	Ca_kabuli_chr05	33985810	[A/C]	1067297993
Ca_Kabuli_NC_021164.1_33986108	Ca_kabuli_chr05	33986108	[A/C]	1067297994
Ca_Kabuli_NC_021164.1_33986111	Ca_kabuli_chr05	33986111	[A/T]	1067297995
Ca_Kabuli_NC_021164.1_33986115	Ca_kabuli_chr05	33986115	[T/G]	1067297996
Ca_Kabuli_NC_021164.1_33986184	Ca_kabuli_chr05	33986184	[T/A]	1067297997
Ca_Kabuli_NC_021164.1_33986237	Ca_kabuli_chr05	33986237	[A/G]	1067297998
Ca_Kabuli_NC_021164.1_33986240	Ca_kabuli_chr05	33986240	[A/T]	1067297999
Ca_Kabuli_NC_021164.1_33990236	Ca_kabuli_chr05	33990236	[T/G]	1067298000
Ca_Kabuli_NC_021164.1_33990241	Ca_kabuli_chr05	33990241	[A/C]	1067298001
Ca_Kabuli_NC_021164.1_33996555	Ca_kabuli_chr05	33996555	[T/C]	1067298002
Ca_Kabuli_NC_021164.1_33996559	Ca_kabuli_chr05	33996559	[A/G]	1067298003
Ca_Kabuli_NC_021164.1_33996588	Ca_kabuli_chr05	33996588	[A/G]	1067298004
Ca_Kabuli_NC_021164.1_33996606	Ca_kabuli_chr05	33996606	[G/A]	1067298005
Ca_Kabuli_NC_021164.1_34022356	Ca_kabuli_chr05	34022356	[T/G]	1067298006
Ca_Kabuli_NC_021164.1_34041827	Ca_kabuli_chr05	34041827	[A/C]	1067298007
Ca_Kabuli_NC_021164.1_34041947	Ca_kabuli_chr05	34041947	[A/C]	1067298008
Ca_Kabuli_NC_021164.1_34073361	Ca_kabuli_chr05	34073361	[A/C]	1067298009
Ca_Kabuli_NC_021164.1_34108161	Ca_kabuli_chr05	34108161	[T/C]	1067298010
Ca_Kabuli_NC_021164.1_34126909	Ca_kabuli_chr05	34126909	[A/C]	1067298011
Ca_Kabuli_NC_021164.1_34126915	Ca_kabuli_chr05	34126915	[A/C]	1067298012
Ca_Kabuli_NC_021164.1_34189654	Ca_kabuli_chr05	34189654	[A/C]	1067298013
Ca_Kabuli_NC_021164.1_34189660	Ca_kabuli_chr05	34189660	[A/G]	1067298014



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021164.1_34201939	Ca_kabuli_chr05	34201939	[A/G]	1067298015
Ca_Kabuli_NC_021164.1_34201947	Ca_kabuli_chr05	34201947	[T/G]	1067298016
Ca_Kabuli_NC_021164.1_34202000	Ca_kabuli_chr05	34202000	[T/C]	1067298017
Ca_Kabuli_NC_021164.1_34240610	Ca_kabuli_chr05	34240610	[A/C]	1067298018
Ca_Kabuli_NC_021164.1_34241341	Ca_kabuli_chr05	34241341	[A/C]	1067298019
Ca_Kabuli_NC_021164.1_34243816	Ca_kabuli_chr05	34243816	[A/C]	1067298020
Ca_Kabuli_NC_021164.1_34243842	Ca_kabuli_chr05	34243842	[A/G]	1067298021
Ca_Kabuli_NC_021164.1_34243881	Ca_kabuli_chr05	34243881	[T/G]	1067298022
Ca_Kabuli_NC_021164.1_34244774	Ca_kabuli_chr05	34244774	[T/C]	1067298023
Ca_Kabuli_NC_021164.1_34244775	Ca_kabuli_chr05	34244775	[G/T]	1067298024
Ca_Kabuli_NC_021164.1_34246019	Ca_kabuli_chr05	34246019	[T/A]	1067298025
Ca_Kabuli_NC_021164.1_34246020	Ca_kabuli_chr05	34246020	[C/A]	1067298026
Ca_Kabuli_NC_021164.1_34246021	Ca_kabuli_chr05	34246021	[T/G]	1067298027
Ca_Kabuli_NC_021164.1_34279544	Ca_kabuli_chr05	34279544	[A/G]	1067298028
Ca_Kabuli_NC_021164.1_34289094	Ca_kabuli_chr05	34289094	[T/G]	1067298029
Ca_Kabuli_NC_021164.1_34413128	Ca_kabuli_chr05	34413128	[A/G]	1067298030
Ca_Kabuli_NC_021164.1_34413135	Ca_kabuli_chr05	34413135	[A/C]	1067298031
Ca_Kabuli_NC_021164.1_34438983	Ca_kabuli_chr05	34438983	[T/G]	1067298032
Ca_Kabuli_NC_021164.1_34441597	Ca_kabuli_chr05	34441597	[T/C]	1067298033
Ca_Kabuli_NC_021164.1_34486754	Ca_kabuli_chr05	34486754	[T/C]	1067298034
Ca_Kabuli_NC_021164.1_34510722	Ca_kabuli_chr05	34510722	[A/G]	1067298035
Ca_Kabuli_NC_021164.1_34511338	Ca_kabuli_chr05	34511338	[T/G]	1067298036
Ca_Kabuli_NC_021164.1_34511353	Ca_kabuli_chr05	34511353	[A/C]	1067298037
Ca_Kabuli_NC_021164.1_34511645	Ca_kabuli_chr05	34511645	[T/C]	1067298038
Ca_Kabuli_NC_021164.1_34511657	Ca_kabuli_chr05	34511657	[T/C]	1067298039
Ca_Kabuli_NC_021164.1_34511691	Ca_kabuli_chr05	34511691	[T/A]	1067298040
Ca_Kabuli_NC_021164.1_34521694	Ca_kabuli_chr05	34521694	[A/G]	1067298041
Ca_Kabuli_NC_021164.1_34527336	Ca_kabuli_chr05	34527336	[A/G]	1067298042
Ca_Kabuli_NC_021164.1_34527366	Ca_kabuli_chr05	34527366	[T/G]	1067298043
Ca_Kabuli_NC_021164.1_34530237	Ca_kabuli_chr05	34530237	[T/G]	1067298044
Ca_Kabuli_NC_021164.1_34530367	Ca_kabuli_chr05	34530367	[C/A]	1067298045
Ca_Kabuli_NC_021164.1_34531127	Ca_kabuli_chr05	34531127	[A/T]	1067298046
Ca_Kabuli_NC_021164.1_34531150	Ca_kabuli_chr05	34531150	[A/G]	1067298047
Ca_Kabuli_NC_021164.1_34572312	Ca_kabuli_chr05	34572312	[A/G]	1067298048

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_34578053	Ca_kabuli_chr05	34578053	[A/C]	1067298050
Ca_Kabuli_NC_021164.1_34578057	Ca_kabuli_chr05	34578057	[T/C]	1067298051
Ca_Kabuli_NC_021164.1_34578635	Ca_kabuli_chr05	34578635	[T/A]	1067298052
Ca_Kabuli_NC_021164.1_34629032	Ca_kabuli_chr05	34629032	[T/G]	1067298053
Ca_Kabuli_NC_021164.1_34688480	Ca_kabuli_chr05	34688480	[T/G]	1067298054
Ca_Kabuli_NC_021164.1_34688489	Ca_kabuli_chr05	34688489	[A/C]	1067298055
Ca_Kabuli_NC_021164.1_34691434	Ca_kabuli_chr05	34691434	[T/C]	1067298056
Ca_Kabuli_NC_021164.1_34699658	Ca_kabuli_chr05	34699658	[A/C]	1067298057
Ca_Kabuli_NC_021164.1_34732777	Ca_kabuli_chr05	34732777	[A/C]	1067298058
Ca_Kabuli_NC_021164.1_34806999	Ca_kabuli_chr05	34806999	[A/G]	1067298059
Ca_Kabuli_NC_021164.1_34845399	Ca_kabuli_chr05	34845399	[G/T]	1067298060
Ca_Kabuli_NC_021164.1_34845467	Ca_kabuli_chr05	34845467	[A/G]	1067298061
Ca_Kabuli_NC_021164.1_34845479	Ca_kabuli_chr05	34845479	[T/G]	1067298062
Ca_Kabuli_NC_021164.1_34845512	Ca_kabuli_chr05	34845512	[A/C]	1067298063
Ca_Kabuli_NC_021164.1_34845521	Ca_kabuli_chr05	34845521	[A/C]	1067298064
Ca_Kabuli_NC_021164.1_34845530	Ca_kabuli_chr05	34845530	[A/G]	1067298065
Ca_Kabuli_NC_021164.1_34857308	Ca_kabuli_chr05	34857308	[G/T]	1067298066
Ca_Kabuli_NC_021164.1_34882224	Ca_kabuli_chr05	34882224	[T/G]	1067298067
Ca_Kabuli_NC_021164.1_34882230	Ca_kabuli_chr05	34882230	[T/G]	1067298068
Ca_Kabuli_NC_021164.1_34932304	Ca_kabuli_chr05	34932304	[A/G]	1067298069
Ca_Kabuli_NC_021164.1_34975470	Ca_kabuli_chr05	34975470	[T/C]	1067298070
Ca_Kabuli_NC_021164.1_34989692	Ca_kabuli_chr05	34989692	[A/G]	1067298071
Ca_Kabuli_NC_021164.1_35126956	Ca_kabuli_chr05	35126956	[T/A]	1067298072
Ca_Kabuli_NC_021164.1_35126957	Ca_kabuli_chr05	35126957	[A/T]	1067298073
Ca_Kabuli_NC_021164.1_35126977	Ca_kabuli_chr05	35126977	[A/C]	1067298074
Ca_Kabuli_NC_021164.1_35209505	Ca_kabuli_chr05	35209505	[T/G]	1067298075
Ca_Kabuli_NC_021164.1_35226127	Ca_kabuli_chr05	35226127	[A/C]	1067298076
Ca_Kabuli_NC_021164.1_35226132	Ca_kabuli_chr05	35226132	[A/C]	1067298077
Ca_Kabuli_NC_021164.1_35240014	Ca_kabuli_chr05	35240014	[A/C]	1067298078
Ca_Kabuli_NC_021164.1_35296146	Ca_kabuli_chr05	35296146	[T/C]	1067298079
Ca_Kabuli_NC_021164.1_35317721	Ca_kabuli_chr05	35317721	[A/C]	1067298080
Ca_Kabuli_NC_021164.1_35340062	Ca_kabuli_chr05	35340062	[A/G]	1067298081
Ca_Kabuli_NC_021164.1_35431496	Ca_kabuli_chr05	35431496	[A/C]	1067298082

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021164.1_35475543	Ca_kabuli_chr05	35475543	[A/G]	1067298083
Ca_Kabuli_NC_021164.1_35525244	Ca_kabuli_chr05	35525244	[T/G]	1067298084
Ca_Kabuli_NC_021164.1_35536233	Ca_kabuli_chr05	35536233	[A/G]	1067298085
Ca_Kabuli_NC_021164.1_35540350	Ca_kabuli_chr05	35540350	[A/G]	1067298086
Ca_Kabuli_NC_021164.1_35554377	Ca_kabuli_chr05	35554377	[T/A]	1067298087
Ca_Kabuli_NC_021164.1_35688754	Ca_kabuli_chr05	35688754	[T/G]	1067298088
Ca_Kabuli_NC_021164.1_35715560	Ca_kabuli_chr05	35715560	[A/G]	1067298089
Ca_Kabuli_NC_021164.1_35715571	Ca_kabuli_chr05	35715571	[A/C]	1067298090
Ca_Kabuli_NC_021164.1_35773032	Ca_kabuli_chr05	35773032	[T/G]	1067298091
Ca_Kabuli_NC_021164.1_35773034	Ca_kabuli_chr05	35773034	[A/T]	1067298092
Ca_Kabuli_NC_021164.1_35773044	Ca_kabuli_chr05	35773044	[A/G]	1067298093
Ca_Kabuli_NC_021164.1_35773046	Ca_kabuli_chr05	35773046	[A/G]	1067298094
Ca_Kabuli_NC_021164.1_35789265	Ca_kabuli_chr05	35789265	[T/C]	1067298095
Ca_Kabuli_NC_021164.1_35845092	Ca_kabuli_chr05	35845092	[A/G]	1067298096
Ca_Kabuli_NC_021164.1_35845097	Ca_kabuli_chr05	35845097	[G/T]	1067298097
Ca_Kabuli_NC_021164.1_35845099	Ca_kabuli_chr05	35845099	[C/T]	1067298098
Ca_Kabuli_NC_021164.1_35846367	Ca_kabuli_chr05	35846367	[A/C]	1067298099
Ca_Kabuli_NC_021164.1_35868836	Ca_kabuli_chr05	35868836	[A/G]	1067298100
Ca_Kabuli_NC_021164.1_35868859	Ca_kabuli_chr05	35868859	[A/G]	1067298101
Ca_Kabuli_NC_021164.1_35877446	Ca_kabuli_chr05	35877446	[T/A]	1067298102
Ca_Kabuli_NC_021164.1_35877448	Ca_kabuli_chr05	35877448	[A/T]	1067298103
Ca_Kabuli_NC_021164.1_35877479	Ca_kabuli_chr05	35877479	[T/A]	1067298104
Ca_Kabuli_NC_021164.1_35877482	Ca_kabuli_chr05	35877482	[A/G]	1067298105
Ca_Kabuli_NC_021164.1_35877502	Ca_kabuli_chr05	35877502	[A/G]	1067298106
Ca_Kabuli_NC_021164.1_35889383	Ca_kabuli_chr05	35889383	[T/C]	1067298107
Ca_Kabuli_NC_021164.1_35937861	Ca_kabuli_chr05	35937861	[C/A]	1067298108
Ca_Kabuli_NC_021164.1_35937882	Ca_kabuli_chr05	35937882	[A/G]	1067298109
Ca_Kabuli_NC_021164.1_35937883	Ca_kabuli_chr05	35937883	[T/A]	1067298110
Ca_Kabuli_NC_021164.1_35937886	Ca_kabuli_chr05	35937886	[A/G]	1067298111
Ca_Kabuli_NC_021164.1_35951837	Ca_kabuli_chr05	35951837	[A/G]	1067298112
Ca_Kabuli_NC_021164.1_35951855	Ca_kabuli_chr05	35951855	[A/G]	1067298113
Ca_Kabuli_NC_021164.1_35951893	Ca_kabuli_chr05	35951893	[A/G]	1067298114
Ca_Kabuli_NC_021164.1_35956521	Ca_kabuli_chr05	35956521	[T/G]	1067298115
Ca_Kabuli_NC_021164.1_36012677	Ca_kabuli_chr05	36012677	[T/C]	1067298116

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_36201080	Ca_kabuli_chr05	36201080	[G/A]	1067298119
Ca_Kabuli_NC_021164.1_36201823	Ca_kabuli_chr05	36201823	[C/A]	1067298120
Ca_Kabuli_NC_021164.1_36201842	Ca_kabuli_chr05	36201842	[A/G]	1067298121
Ca_Kabuli_NC_021164.1_36217832	Ca_kabuli_chr05	36217832	[T/C]	1067298122
Ca_Kabuli_NC_021164.1_36217838	Ca_kabuli_chr05	36217838	[G/C]	1067298123
Ca_Kabuli_NC_021164.1_36225904	Ca_kabuli_chr05	36225904	[T/C]	1067298124
Ca_Kabuli_NC_021164.1_36292584	Ca_kabuli_chr05	36292584	[T/G]	1067298125
Ca_Kabuli_NC_021164.1_36295956	Ca_kabuli_chr05	36295956	[T/A]	1067298126
Ca_Kabuli_NC_021164.1_36397258	Ca_kabuli_chr05	36397258	[T/G]	1067298127
Ca_Kabuli_NC_021164.1_36407458	Ca_kabuli_chr05	36407458	[A/G]	1067298128
Ca_Kabuli_NC_021164.1_36407481	Ca_kabuli_chr05	36407481	[A/C]	1067298129
Ca_Kabuli_NC_021164.1_36408734	Ca_kabuli_chr05	36408734	[A/C]	1067298130
Ca_Kabuli_NC_021164.1_36408745	Ca_kabuli_chr05	36408745	[A/C]	1067298131
Ca_Kabuli_NC_021164.1_36427186	Ca_kabuli_chr05	36427186	[A/G]	1067298132
Ca_Kabuli_NC_021164.1_36430731	Ca_kabuli_chr05	36430731	[A/C]	1067298133
Ca_Kabuli_NC_021164.1_36440951	Ca_kabuli_chr05	36440951	[A/C]	1067298134
Ca_Kabuli_NC_021164.1_36440954	Ca_kabuli_chr05	36440954	[A/C]	1067298135
Ca_Kabuli_NC_021164.1_36440984	Ca_kabuli_chr05	36440984	[A/C]	1067298136
Ca_Kabuli_NC_021164.1_36441067	Ca_kabuli_chr05	36441067	[A/C]	1067298137
Ca_Kabuli_NC_021164.1_36441113	Ca_kabuli_chr05	36441113	[A/G]	1067298138
Ca_Kabuli_NC_021164.1_36566265	Ca_kabuli_chr05	36566265	[A/C]	1067298139
Ca_Kabuli_NC_021164.1_36613606	Ca_kabuli_chr05	36613606	[T/G]	1067298140
Ca_Kabuli_NC_021164.1_36613688	Ca_kabuli_chr05	36613688	[G/A]	1067298141
Ca_Kabuli_NC_021164.1_36619876	Ca_kabuli_chr05	36619876	[A/G]	1067298142
Ca_Kabuli_NC_021164.1_36671454	Ca_kabuli_chr05	36671454	[T/G]	1067298143
Ca_Kabuli_NC_021164.1_36671524	Ca_kabuli_chr05	36671524	[C/G]	1067298144
Ca_Kabuli_NC_021164.1_36672025	Ca_kabuli_chr05	36672025	[T/G]	1067298145
Ca_Kabuli_NC_021164.1_36673942	Ca_kabuli_chr05	36673942	[T/G]	1067298146
Ca_Kabuli_NC_021164.1_36751851	Ca_kabuli_chr05	36751851	[A/T]	1067298147
Ca_Kabuli_NC_021164.1_36757372	Ca_kabuli_chr05	36757372	[T/C]	1067298148
Ca_Kabuli_NC_021164.1_36757432	Ca_kabuli_chr05	36757432	[A/G]	1067298149
Ca_Kabuli_NC_021164.1_36757434	Ca_kabuli_chr05	36757434	[T/C]	1067298150

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021164.1_36793966	Ca_kabuli_chr05	36793966	[T/C]	1067298151
Ca_Kabuli_NC_021164.1_36793979	Ca_kabuli_chr05	36793979	[A/T]	1067298152
Ca_Kabuli_NC_021164.1_36799793	Ca_kabuli_chr05	36799793	[A/C]	1067298153
Ca_Kabuli_NC_021164.1_36799795	Ca_kabuli_chr05	36799795	[C/G]	1067298154
Ca_Kabuli_NC_021164.1_36799801	Ca_kabuli_chr05	36799801	[A/T]	1067298155
Ca_Kabuli_NC_021164.1_36799839	Ca_kabuli_chr05	36799839	[A/G]	1067298156
Ca_Kabuli_NC_021164.1_36800094	Ca_kabuli_chr05	36800094	[T/C]	1067298157
Ca_Kabuli_NC_021164.1_36800095	Ca_kabuli_chr05	36800095	[A/C]	1067298158
Ca_Kabuli_NC_021164.1_36802444	Ca_kabuli_chr05	36802444	[T/C]	1067298159
Ca_Kabuli_NC_021164.1_36802465	Ca_kabuli_chr05	36802465	[A/G]	1067298160
Ca_Kabuli_NC_021164.1_36908355	Ca_kabuli_chr05	36908355	[T/G]	1067298161
Ca_Kabuli_NC_021164.1_36908363	Ca_kabuli_chr05	36908363	[A/G]	1067298162
Ca_Kabuli_NC_021164.1_36978251	Ca_kabuli_chr05	36978251	[A/G]	1067298163
Ca_Kabuli_NC_021164.1_36978252	Ca_kabuli_chr05	36978252	[G/A]	1067298164
Ca_Kabuli_NC_021164.1_36990631	Ca_kabuli_chr05	36990631	[T/A]	1067298165
Ca_Kabuli_NC_021164.1_36999074	Ca_kabuli_chr05	36999074	[G/C]	1067298166
Ca_Kabuli_NC_021164.1_37004113	Ca_kabuli_chr05	37004113	[T/G]	1067298167
Ca_Kabuli_NC_021164.1_37012135	Ca_kabuli_chr05	37012135	[T/C]	1067298168
Ca_Kabuli_NC_021164.1_37012147	Ca_kabuli_chr05	37012147	[T/C]	1067298169
Ca_Kabuli_NC_021164.1_37012168	Ca_kabuli_chr05	37012168	[C/T]	1067298170
Ca_Kabuli_NC_021164.1_37012371	Ca_kabuli_chr05	37012371	[A/T]	1067298171
Ca_Kabuli_NC_021164.1_37016833	Ca_kabuli_chr05	37016833	[C/T]	1067298172
Ca_Kabuli_NC_021164.1_37039246	Ca_kabuli_chr05	37039246	[A/T]	1067298173
Ca_Kabuli_NC_021164.1_37039531	Ca_kabuli_chr05	37039531	[A/C]	1067298174
Ca_Kabuli_NC_021164.1_37040045	Ca_kabuli_chr05	37040045	[G/A]	1067298175
Ca_Kabuli_NC_021164.1_37042470	Ca_kabuli_chr05	37042470	[C/T]	1067298176
Ca_Kabuli_NC_021164.1_37067293	Ca_kabuli_chr05	37067293	[A/T]	1067298177
Ca_Kabuli_NC_021164.1_37082797	Ca_kabuli_chr05	37082797	[G/T]	1067298178
Ca_Kabuli_NC_021164.1_37083275	Ca_kabuli_chr05	37083275	[G/T]	1067298179
Ca_Kabuli_NC_021164.1_37083276	Ca_kabuli_chr05	37083276	[T/G]	1067298180
Ca_Kabuli_NC_021164.1_37113106	Ca_kabuli_chr05	37113106	[T/C]	1067298181
Ca_Kabuli_NC_021164.1_37113154	Ca_kabuli_chr05	37113154	[A/T]	1067298182
Ca_Kabuli_NC_021164.1_37147247	Ca_kabuli_chr05	37147247	[T/G]	1067298183
Ca_Kabuli_NC_021164.1_37147250	Ca_kabuli_chr05	37147250	[T/C]	1067298184

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_37147373	Ca_kabuli_chr05	37147373	[A/C]	1067298186
Ca_Kabuli_NC_021164.1_37147439	Ca_kabuli_chr05	37147439	[T/G]	1067298187
Ca_Kabuli_NC_021164.1_37147447	Ca_kabuli_chr05	37147447	[C/A]	1067298188
Ca_Kabuli_NC_021164.1_37147486	Ca_kabuli_chr05	37147486	[A/C]	1067298189
Ca_Kabuli_NC_021164.1_37147616	Ca_kabuli_chr05	37147616	[A/G]	1067298190
Ca_Kabuli_NC_021164.1_37147631	Ca_kabuli_chr05	37147631	[T/G]	1067298191
Ca_Kabuli_NC_021164.1_37147697	Ca_kabuli_chr05	37147697	[T/G]	1067298192
Ca_Kabuli_NC_021164.1_37167100	Ca_kabuli_chr05	37167100	[A/C]	1067298193
Ca_Kabuli_NC_021164.1_37172184	Ca_kabuli_chr05	37172184	[T/A]	1067298194
Ca_Kabuli_NC_021164.1_37172188	Ca_kabuli_chr05	37172188	[T/G]	1067298195
Ca_Kabuli_NC_021164.1_37172189	Ca_kabuli_chr05	37172189	[T/C]	1067298196
Ca_Kabuli_NC_021164.1_37174786	Ca_kabuli_chr05	37174786	[T/C]	1067298197
Ca_Kabuli_NC_021164.1_37176168	Ca_kabuli_chr05	37176168	[T/G]	1067298198
Ca_Kabuli_NC_021164.1_37176215	Ca_kabuli_chr05	37176215	[A/G]	1067298199
Ca_Kabuli_NC_021164.1_37197258	Ca_kabuli_chr05	37197258	[A/G]	1067298200
Ca_Kabuli_NC_021164.1_37197281	Ca_kabuli_chr05	37197281	[A/C]	1067298201
Ca_Kabuli_NC_021164.1_37207839	Ca_kabuli_chr05	37207839	[T/G]	1067298202
Ca_Kabuli_NC_021164.1_37207841	Ca_kabuli_chr05	37207841	[T/C]	1067298203
Ca_Kabuli_NC_021164.1_37207850	Ca_kabuli_chr05	37207850	[C/G]	1067298204
Ca_Kabuli_NC_021164.1_37207855	Ca_kabuli_chr05	37207855	[G/T]	1067298205
Ca_Kabuli_NC_021164.1_37207856	Ca_kabuli_chr05	37207856	[T/G]	1067298206
Ca_Kabuli_NC_021164.1_37207857	Ca_kabuli_chr05	37207857	[T/C]	1067298207
Ca_Kabuli_NC_021164.1_37207864	Ca_kabuli_chr05	37207864	[A/C]	1067298208
Ca_Kabuli_NC_021164.1_37207892	Ca_kabuli_chr05	37207892	[A/T]	1067298209
Ca_Kabuli_NC_021164.1_37274550	Ca_kabuli_chr05	37274550	[T/C]	1067298210
Ca_Kabuli_NC_021164.1_37274583	Ca_kabuli_chr05	37274583	[C/T]	1067298211
Ca_Kabuli_NC_021164.1_37310070	Ca_kabuli_chr05	37310070	[T/C]	1067298212
Ca_Kabuli_NC_021164.1_37332182	Ca_kabuli_chr05	37332182	[G/A]	1067298213
Ca_Kabuli_NC_021164.1_37332467	Ca_kabuli_chr05	37332467	[T/C]	1067298214
Ca_Kabuli_NC_021164.1_37363511	Ca_kabuli_chr05	37363511	[T/C]	1067298215
Ca_Kabuli_NC_021164.1_37462538	Ca_kabuli_chr05	37462538	[T/C]	1067298216
Ca_Kabuli_NC_021164.1_37462550	Ca_kabuli_chr05	37462550	[T/C]	1067298217
Ca_Kabuli_NC_021164.1_37579009	Ca_kabuli_chr05	37579009	[T/G]	1067298218

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021164.1_37594911	Ca_kabuli_chr05	37594911	[A/T]	1067298219
Ca_Kabuli_NC_021164.1_37834567	Ca_kabuli_chr05	37834567	[A/G]	1067298220
Ca_Kabuli_NC_021164.1_37869762	Ca_kabuli_chr05	37869762	[A/G]	1067298221
Ca_Kabuli_NC_021164.1_37886452	Ca_kabuli_chr05	37886452	[A/C]	1067298222
Ca_Kabuli_NC_021164.1_37911668	Ca_kabuli_chr05	37911668	[A/C]	1067298223
Ca_Kabuli_NC_021164.1_37911750	Ca_kabuli_chr05	37911750	[T/G]	1067298224
Ca_Kabuli_NC_021164.1_37911759	Ca_kabuli_chr05	37911759	[T/C]	1067298225
Ca_Kabuli_NC_021164.1_37911765	Ca_kabuli_chr05	37911765	[A/G]	1067298226
Ca_Kabuli_NC_021164.1_37911827	Ca_kabuli_chr05	37911827	[A/G]	1067298227
Ca_Kabuli_NC_021164.1_37911839	Ca_kabuli_chr05	37911839	[T/G]	1067298228
Ca_Kabuli_NC_021164.1_37922171	Ca_kabuli_chr05	37922171	[A/C]	1067298229
Ca_Kabuli_NC_021164.1_37980181	Ca_kabuli_chr05	37980181	[T/A]	1067298230
Ca_Kabuli_NC_021164.1_37980227	Ca_kabuli_chr05	37980227	[A/C]	1067298231
Ca_Kabuli_NC_021164.1_38057581	Ca_kabuli_chr05	38057581	[A/G]	1067298232
Ca_Kabuli_NC_021164.1_38080355	Ca_kabuli_chr05	38080355	[A/G]	1067298233
Ca_Kabuli_NC_021164.1_38110217	Ca_kabuli_chr05	38110217	[A/T]	1067298234
Ca_Kabuli_NC_021164.1_38113821	Ca_kabuli_chr05	38113821	[T/A]	1067298235
Ca_Kabuli_NC_021164.1_38180943	Ca_kabuli_chr05	38180943	[T/G]	1067298236
Ca_Kabuli_NC_021164.1_38180987	Ca_kabuli_chr05	38180987	[A/C]	1067298237
Ca_Kabuli_NC_021164.1_38180999	Ca_kabuli_chr05	38180999	[A/C]	1067298238
Ca_Kabuli_NC_021164.1_38182372	Ca_kabuli_chr05	38182372	[T/A]	1067298239
Ca_Kabuli_NC_021164.1_38248865	Ca_kabuli_chr05	38248865	[A/T]	1067298240
Ca_Kabuli_NC_021164.1_38248881	Ca_kabuli_chr05	38248881	[T/A]	1067298241
Ca_Kabuli_NC_021164.1_38248889	Ca_kabuli_chr05	38248889	[T/C]	1067298242
Ca_Kabuli_NC_021164.1_38288096	Ca_kabuli_chr05	38288096	[A/G]	1067298243
Ca_Kabuli_NC_021164.1_38288136	Ca_kabuli_chr05	38288136	[A/G]	1067298244
Ca_Kabuli_NC_021164.1_38288156	Ca_kabuli_chr05	38288156	[T/A]	1067298245
Ca_Kabuli_NC_021164.1_38307037	Ca_kabuli_chr05	38307037	[T/C]	1067298246
Ca_Kabuli_NC_021164.1_38307090	Ca_kabuli_chr05	38307090	[A/C]	1067298247
Ca_Kabuli_NC_021164.1_38307107	Ca_kabuli_chr05	38307107	[A/T]	1067298248
Ca_Kabuli_NC_021164.1_38335108	Ca_kabuli_chr05	38335108	[A/G]	1067298249
Ca_Kabuli_NC_021164.1_38347184	Ca_kabuli_chr05	38347184	[T/G]	1067298250
Ca_Kabuli_NC_021164.1_38362659	Ca_kabuli_chr05	38362659	[T/G]	1067298251
Ca_Kabuli_NC_021164.1_38362774	Ca_kabuli_chr05	38362774	[A/C]	1067298252

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_38458823	Ca_kabuli_chr05	38458823	[A/T]	1067298255
Ca_Kabuli_NC_021164.1_38483382	Ca_kabuli_chr05	38483382	[G/T]	1067298256
Ca_Kabuli_NC_021164.1_38483386	Ca_kabuli_chr05	38483386	[T/G]	1067298257
Ca_Kabuli_NC_021164.1_38483396	Ca_kabuli_chr05	38483396	[G/T]	1067298258
Ca_Kabuli_NC_021164.1_38509657	Ca_kabuli_chr05	38509657	[A/C]	1067298259
Ca_Kabuli_NC_021164.1_38538823	Ca_kabuli_chr05	38538823	[T/G]	1067298260
Ca_Kabuli_NC_021164.1_38540373	Ca_kabuli_chr05	38540373	[T/G]	1067298261
Ca_Kabuli_NC_021164.1_38540400	Ca_kabuli_chr05	38540400	[T/C]	1067298262
Ca_Kabuli_NC_021164.1_38551427	Ca_kabuli_chr05	38551427	[A/G]	1067298263
Ca_Kabuli_NC_021164.1_38558828	Ca_kabuli_chr05	38558828	[T/C]	1067298264
Ca_Kabuli_NC_021164.1_38559028	Ca_kabuli_chr05	38559028	[A/C]	1067298265
Ca_Kabuli_NC_021164.1_38559048	Ca_kabuli_chr05	38559048	[A/T]	1067298266
Ca_Kabuli_NC_021164.1_38559049	Ca_kabuli_chr05	38559049	[T/C]	1067298267
Ca_Kabuli_NC_021164.1_38559051	Ca_kabuli_chr05	38559051	[T/C]	1067298268
Ca_Kabuli_NC_021164.1_38559053	Ca_kabuli_chr05	38559053	[A/G]	1067298269
Ca_Kabuli_NC_021164.1_38559084	Ca_kabuli_chr05	38559084	[T/C]	1067298270
Ca_Kabuli_NC_021164.1_38559088	Ca_kabuli_chr05	38559088	[T/C]	1067298271
Ca_Kabuli_NC_021164.1_38559110	Ca_kabuli_chr05	38559110	[T/C]	1067298272
Ca_Kabuli_NC_021164.1_38559115	Ca_kabuli_chr05	38559115	[T/C]	1067298273
Ca_Kabuli_NC_021164.1_38590941	Ca_kabuli_chr05	38590941	[C/A]	1067298274
Ca_Kabuli_NC_021164.1_38591095	Ca_kabuli_chr05	38591095	[T/C]	1067298275
Ca_Kabuli_NC_021164.1_38737288	Ca_kabuli_chr05	38737288	[T/G]	1067298276
Ca_Kabuli_NC_021164.1_38783604	Ca_kabuli_chr05	38783604	[C/A]	1067298277
Ca_Kabuli_NC_021164.1_38783651	Ca_kabuli_chr05	38783651	[A/G]	1067298278
Ca_Kabuli_NC_021164.1_38783858	Ca_kabuli_chr05	38783858	[A/C]	1067298279
Ca_Kabuli_NC_021164.1_38783952	Ca_kabuli_chr05	38783952	[T/A]	1067298280
Ca_Kabuli_NC_021164.1_38783964	Ca_kabuli_chr05	38783964	[A/C]	1067298281
Ca_Kabuli_NC_021164.1_38783990	Ca_kabuli_chr05	38783990	[A/G]	1067298282
Ca_Kabuli_NC_021164.1_38784144	Ca_kabuli_chr05	38784144	[T/G]	1067298283
Ca_Kabuli_NC_021164.1_38820117	Ca_kabuli_chr05	38820117	[A/T]	1067298284
Ca_Kabuli_NC_021164.1_38820152	Ca_kabuli_chr05	38820152	[T/G]	1067298285
Ca_Kabuli_NC_021164.1_38857770	Ca_kabuli_chr05	38857770	[G/A]	1067298286



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_38878843	Ca_kabuli_chr05	38878843	[T/C]	1067298289
Ca_Kabuli_NC_021164.1_38878870	Ca_kabuli_chr05	38878870	[A/G]	1067298290
Ca_Kabuli_NC_021164.1_38878890	Ca_kabuli_chr05	38878890	[A/G]	1067298291
Ca_Kabuli_NC_021164.1_38898933	Ca_kabuli_chr05	38898933	[T/C]	1067298292
Ca_Kabuli_NC_021164.1_38909711	Ca_kabuli_chr05	38909711	[T/G]	1067298293
Ca_Kabuli_NC_021164.1_38909720	Ca_kabuli_chr05	38909720	[T/C]	1067298294
Ca_Kabuli_NC_021164.1_38984704	Ca_kabuli_chr05	38984704	[A/G]	1067298295
Ca_Kabuli_NC_021164.1_38984707	Ca_kabuli_chr05	38984707	[T/A]	1067298296
Ca_Kabuli_NC_021164.1_38984743	Ca_kabuli_chr05	38984743	[A/G]	1067298297
Ca_Kabuli_NC_021164.1_38984746	Ca_kabuli_chr05	38984746	[A/G]	1067298298
Ca_Kabuli_NC_021164.1_39038254	Ca_kabuli_chr05	39038254	[A/T]	1067298299
Ca_Kabuli_NC_021164.1_39038305	Ca_kabuli_chr05	39038305	[T/A]	1067298300
Ca_Kabuli_NC_021164.1_39038327	Ca_kabuli_chr05	39038327	[A/G]	1067298301
Ca_Kabuli_NC_021164.1_39038357	Ca_kabuli_chr05	39038357	[T/C]	1067298302
Ca_Kabuli_NC_021164.1_39134875	Ca_kabuli_chr05	39134875	[T/G]	1067298303
Ca_Kabuli_NC_021164.1_39137124	Ca_kabuli_chr05	39137124	[A/G]	1067298304
Ca_Kabuli_NC_021164.1_39137135	Ca_kabuli_chr05	39137135	[T/G]	1067298305
Ca_Kabuli_NC_021164.1_39137174	Ca_kabuli_chr05	39137174	[A/C]	1067298306
Ca_Kabuli_NC_021164.1_39137175	Ca_kabuli_chr05	39137175	[G/T]	1067298307
Ca_Kabuli_NC_021164.1_39175009	Ca_kabuli_chr05	39175009	[A/T]	1067298308
Ca_Kabuli_NC_021164.1_39176406	Ca_kabuli_chr05	39176406	[A/C]	1067298309
Ca_Kabuli_NC_021164.1_39194838	Ca_kabuli_chr05	39194838	[T/G]	1067298310
Ca_Kabuli_NC_021164.1_39243641	Ca_kabuli_chr05	39243641	[A/T]	1067298311
Ca_Kabuli_NC_021164.1_39243661	Ca_kabuli_chr05	39243661	[A/G]	1067298312
Ca_Kabuli_NC_021164.1_39282613	Ca_kabuli_chr05	39282613	[A/G]	1067298313
Ca_Kabuli_NC_021164.1_39282658	Ca_kabuli_chr05	39282658	[A/C]	1067298314
Ca_Kabuli_NC_021164.1_39364695	Ca_kabuli_chr05	39364695	[A/C]	1067298315
Ca_Kabuli_NC_021164.1_39364706	Ca_kabuli_chr05	39364706	[T/A]	1067298316
Ca_Kabuli_NC_021164.1_39364717	Ca_kabuli_chr05	39364717	[T/A]	1067298317
Ca_Kabuli_NC_021164.1_39410329	Ca_kabuli_chr05	39410329	[T/G]	1067298318
Ca_Kabuli_NC_021164.1_39417681	Ca_kabuli_chr05	39417681	[T/G]	1067298319
Ca_Kabuli_NC_021164.1_39477227	Ca_kabuli_chr05	39477227	[A/T]	1067298320

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_39477264	Ca_kabuli_chr05	39477264	[T/C]	1067298323
Ca_Kabuli_NC_021164.1_39547858	Ca_kabuli_chr05	39547858	[T/G]	1067298324
Ca_Kabuli_NC_021164.1_39585358	Ca_kabuli_chr05	39585358	[C/G]	1067298325
Ca_Kabuli_NC_021164.1_39597565	Ca_kabuli_chr05	39597565	[C/A]	1067298326
Ca_Kabuli_NC_021164.1_39597605	Ca_kabuli_chr05	39597605	[A/C]	1067298327
Ca_Kabuli_NC_021164.1_39608135	Ca_kabuli_chr05	39608135	[T/C]	1067298328
Ca_Kabuli_NC_021164.1_39616068	Ca_kabuli_chr05	39616068	[A/G]	1067298329
Ca_Kabuli_NC_021164.1_39616109	Ca_kabuli_chr05	39616109	[A/G]	1067298330
Ca_Kabuli_NC_021164.1_39661648	Ca_kabuli_chr05	39661648	[A/G]	1067298331
Ca_Kabuli_NC_021164.1_39661686	Ca_kabuli_chr05	39661686	[A/G]	1067298332
Ca_Kabuli_NC_021164.1_39661715	Ca_kabuli_chr05	39661715	[T/C]	1067298333
Ca_Kabuli_NC_021164.1_39794784	Ca_kabuli_chr05	39794784	[T/A]	1067298334
Ca_Kabuli_NC_021164.1_39794915	Ca_kabuli_chr05	39794915	[A/G]	1067298335
Ca_Kabuli_NC_021164.1_39831580	Ca_kabuli_chr05	39831580	[A/G]	1067298336
Ca_Kabuli_NC_021164.1_39869372	Ca_kabuli_chr05	39869372	[A/T]	1067298337
Ca_Kabuli_NC_021164.1_39869373	Ca_kabuli_chr05	39869373	[T/C]	1067298338
Ca_Kabuli_NC_021164.1_39869380	Ca_kabuli_chr05	39869380	[A/C]	1067298339
Ca_Kabuli_NC_021164.1_39869389	Ca_kabuli_chr05	39869389	[A/C]	1067298340
Ca_Kabuli_NC_021164.1_39869413	Ca_kabuli_chr05	39869413	[T/C]	1067298341
Ca_Kabuli_NC_021164.1_39906735	Ca_kabuli_chr05	39906735	[A/C]	1067298342
Ca_Kabuli_NC_021164.1_39943298	Ca_kabuli_chr05	39943298	[T/C]	1067298343
Ca_Kabuli_NC_021164.1_39964231	Ca_kabuli_chr05	39964231	[T/C]	1067298344
Ca_Kabuli_NC_021164.1_39984988	Ca_kabuli_chr05	39984988	[T/C]	1067298345
Ca_Kabuli_NC_021164.1_40018205	Ca_kabuli_chr05	40018205	[A/G]	1067298346
Ca_Kabuli_NC_021164.1_40018223	Ca_kabuli_chr05	40018223	[T/G]	1067298347
Ca_Kabuli_NC_021164.1_40018278	Ca_kabuli_chr05	40018278	[A/G]	1067298348
Ca_Kabuli_NC_021164.1_40018357	Ca_kabuli_chr05	40018357	[A/T]	1067298349
Ca_Kabuli_NC_021164.1_40018377	Ca_kabuli_chr05	40018377	[T/C]	1067298350
Ca_Kabuli_NC_021164.1_40025273	Ca_kabuli_chr05	40025273	[T/C]	1067298351
Ca_Kabuli_NC_021164.1_40025286	Ca_kabuli_chr05	40025286	[T/G]	1067298352
Ca_Kabuli_NC_021164.1_40025377	Ca_kabuli_chr05	40025377	[A/T]	1067298353
Ca_Kabuli_NC_021164.1_40076969	Ca_kabuli_chr05	40076969	[T/G]	1067298354

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_40194063	Ca_kabuli_chr05	40194063	[G/C]	1067298357
Ca_Kabuli_NC_021164.1_40194065	Ca_kabuli_chr05	40194065	[T/A]	1067298358
Ca_Kabuli_NC_021164.1_40194187	Ca_kabuli_chr05	40194187	[C/A]	1067298359
Ca_Kabuli_NC_021164.1_40225151	Ca_kabuli_chr05	40225151	[T/G]	1067298360
Ca_Kabuli_NC_021164.1_40225325	Ca_kabuli_chr05	40225325	[T/C]	1067298361
Ca_Kabuli_NC_021164.1_40225427	Ca_kabuli_chr05	40225427	[A/G]	1067298362
Ca_Kabuli_NC_021164.1_40231832	Ca_kabuli_chr05	40231832	[A/C]	1067298363
Ca_Kabuli_NC_021164.1_40239326	Ca_kabuli_chr05	40239326	[T/C]	1067298364
Ca_Kabuli_NC_021164.1_40359446	Ca_kabuli_chr05	40359446	[G/A]	1067298365
Ca_Kabuli_NC_021164.1_40359447	Ca_kabuli_chr05	40359447	[T/C]	1067298366
Ca_Kabuli_NC_021164.1_40359449	Ca_kabuli_chr05	40359449	[T/G]	1067298367
Ca_Kabuli_NC_021164.1_40359451	Ca_kabuli_chr05	40359451	[C/A]	1067298368
Ca_Kabuli_NC_021164.1_40465368	Ca_kabuli_chr05	40465368	[T/G]	1067298369
Ca_Kabuli_NC_021164.1_40507145	Ca_kabuli_chr05	40507145	[A/C]	1067298370
Ca_Kabuli_NC_021164.1_40507180	Ca_kabuli_chr05	40507180	[A/T]	1067298371
Ca_Kabuli_NC_021164.1_40507611	Ca_kabuli_chr05	40507611	[A/G]	1067298372
Ca_Kabuli_NC_021164.1_40507633	Ca_kabuli_chr05	40507633	[T/C]	1067298373
Ca_Kabuli_NC_021164.1_40507636	Ca_kabuli_chr05	40507636	[T/C]	1067298374
Ca_Kabuli_NC_021164.1_40507646	Ca_kabuli_chr05	40507646	[A/G]	1067298375
Ca_Kabuli_NC_021164.1_40507648	Ca_kabuli_chr05	40507648	[A/G]	1067298376
Ca_Kabuli_NC_021164.1_40507650	Ca_kabuli_chr05	40507650	[T/G]	1067298377
Ca_Kabuli_NC_021164.1_40507681	Ca_kabuli_chr05	40507681	[A/C]	1067298378
Ca_Kabuli_NC_021164.1_40507690	Ca_kabuli_chr05	40507690	[A/G]	1067298379
Ca_Kabuli_NC_021164.1_40522458	Ca_kabuli_chr05	40522458	[C/A]	1067298380
Ca_Kabuli_NC_021164.1_40522459	Ca_kabuli_chr05	40522459	[C/G]	1067298381
Ca_Kabuli_NC_021164.1_40522461	Ca_kabuli_chr05	40522461	[A/T]	1067298382
Ca_Kabuli_NC_021164.1_40532395	Ca_kabuli_chr05	40532395	[T/G]	1067298383
Ca_Kabuli_NC_021164.1_40555173	Ca_kabuli_chr05	40555173	[A/C]	1067298384
Ca_Kabuli_NC_021164.1_40581463	Ca_kabuli_chr05	40581463	[T/G]	1067298385
Ca_Kabuli_NC_021164.1_40632784	Ca_kabuli_chr05	40632784	[T/G]	1067298386
Ca_Kabuli_NC_021164.1_40632786	Ca_kabuli_chr05	40632786	[A/G]	1067298387
Ca_Kabuli_NC_021164.1_40632788	Ca_kabuli_chr05	40632788	[C/T]	1067298388

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_40645186	Ca_kabuli_chr05	40645186	[A/C]	1067298390
Ca_Kabuli_NC_021164.1_40700278	Ca_kabuli_chr05	40700278	[C/G]	1067298391
Ca_Kabuli_NC_021164.1_40700290	Ca_kabuli_chr05	40700290	[C/A]	1067298392
Ca_Kabuli_NC_021164.1_40700301	Ca_kabuli_chr05	40700301	[A/G]	1067298393
Ca_Kabuli_NC_021164.1_40700304	Ca_kabuli_chr05	40700304	[A/C]	1067298394
Ca_Kabuli_NC_021164.1_40700712	Ca_kabuli_chr05	40700712	[T/G]	1067298395
Ca_Kabuli_NC_021164.1_40700728	Ca_kabuli_chr05	40700728	[A/T]	1067298396
Ca_Kabuli_NC_021164.1_40710814	Ca_kabuli_chr05	40710814	[T/C]	1067298397
Ca_Kabuli_NC_021164.1_40710821	Ca_kabuli_chr05	40710821	[T/C]	1067298398
Ca_Kabuli_NC_021164.1_40736291	Ca_kabuli_chr05	40736291	[C/G]	1067298399
Ca_Kabuli_NC_021164.1_40812162	Ca_kabuli_chr05	40812162	[C/G]	1067298400
Ca_Kabuli_NC_021164.1_40828502	Ca_kabuli_chr05	40828502	[T/C]	1067298401
Ca_Kabuli_NC_021164.1_40828504	Ca_kabuli_chr05	40828504	[A/G]	1067298402
Ca_Kabuli_NC_021164.1_40828518	Ca_kabuli_chr05	40828518	[A/G]	1067298403
Ca_Kabuli_NC_021164.1_40828525	Ca_kabuli_chr05	40828525	[A/C]	1067298404
Ca_Kabuli_NC_021164.1_40828566	Ca_kabuli_chr05	40828566	[A/G]	1067298405
Ca_Kabuli_NC_021164.1_40874321	Ca_kabuli_chr05	40874321	[T/A]	1067298406
Ca_Kabuli_NC_021164.1_40883389	Ca_kabuli_chr05	40883389	[A/T]	1067298407
Ca_Kabuli_NC_021164.1_40883421	Ca_kabuli_chr05	40883421	[T/G]	1067298408
Ca_Kabuli_NC_021164.1_40883426	Ca_kabuli_chr05	40883426	[A/G]	1067298409
Ca_Kabuli_NC_021164.1_40883428	Ca_kabuli_chr05	40883428	[A/G]	1067298410
Ca_Kabuli_NC_021164.1_40883432	Ca_kabuli_chr05	40883432	[T/G]	1067298411
Ca_Kabuli_NC_021164.1_40953332	Ca_kabuli_chr05	40953332	[A/G]	1067298412
Ca_Kabuli_NC_021164.1_40953339	Ca_kabuli_chr05	40953339	[A/G]	1067298413
Ca_Kabuli_NC_021164.1_40966162	Ca_kabuli_chr05	40966162	[C/A]	1067298414
Ca_Kabuli_NC_021164.1_40966164	Ca_kabuli_chr05	40966164	[T/A]	1067298415
Ca_Kabuli_NC_021164.1_40966165	Ca_kabuli_chr05	40966165	[C/T]	1067298416
Ca_Kabuli_NC_021164.1_40981244	Ca_kabuli_chr05	40981244	[A/G]	1067298417
Ca_Kabuli_NC_021164.1_40981277	Ca_kabuli_chr05	40981277	[C/A]	1067298418
Ca_Kabuli_NC_021164.1_41024097	Ca_kabuli_chr05	41024097	[A/G]	1067298419
Ca_Kabuli_NC_021164.1_41024107	Ca_kabuli_chr05	41024107	[T/G]	1067298420
Ca_Kabuli_NC_021164.1_41054515	Ca_kabuli_chr05	41054515	[C/T]	1067298421
Ca_Kabuli_NC_021164.1_41054551	Ca_kabuli_chr05	41054551	[A/C]	1067298422

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_41073515	Ca_kabuli_chr05	41073515	[T/G]	1067298425
Ca_Kabuli_NC_021164.1_41073554	Ca_kabuli_chr05	41073554	[A/G]	1067298426
Ca_Kabuli_NC_021164.1_41074286	Ca_kabuli_chr05	41074286	[T/G]	1067298427
Ca_Kabuli_NC_021164.1_41211612	Ca_kabuli_chr05	41211612	[T/G]	1067298428
Ca_Kabuli_NC_021164.1_41282783	Ca_kabuli_chr05	41282783	[A/C]	1067298429
Ca_Kabuli_NC_021164.1_41282784	Ca_kabuli_chr05	41282784	[G/T]	1067298430
Ca_Kabuli_NC_021164.1_41282785	Ca_kabuli_chr05	41282785	[A/T]	1067298431
Ca_Kabuli_NC_021164.1_41282786	Ca_kabuli_chr05	41282786	[T/G]	1067298432
Ca_Kabuli_NC_021164.1_41283153	Ca_kabuli_chr05	41283153	[G/T]	1067298433
Ca_Kabuli_NC_021164.1_41283314	Ca_kabuli_chr05	41283314	[T/G]	1067298434
Ca_Kabuli_NC_021164.1_41283453	Ca_kabuli_chr05	41283453	[A/C]	1067298435
Ca_Kabuli_NC_021164.1_41285170	Ca_kabuli_chr05	41285170	[T/C]	1067298436
Ca_Kabuli_NC_021164.1_41285171	Ca_kabuli_chr05	41285171	[G/T]	1067298437
Ca_Kabuli_NC_021164.1_41301110	Ca_kabuli_chr05	41301110	[T/C]	1067298438
Ca_Kabuli_NC_021164.1_41301124	Ca_kabuli_chr05	41301124	[A/T]	1067298439
Ca_Kabuli_NC_021164.1_41301172	Ca_kabuli_chr05	41301172	[T/C]	1067298440
Ca_Kabuli_NC_021164.1_41301209	Ca_kabuli_chr05	41301209	[T/A]	1067298441
Ca_Kabuli_NC_021164.1_41301215	Ca_kabuli_chr05	41301215	[A/T]	1067298442
Ca_Kabuli_NC_021164.1_41301231	Ca_kabuli_chr05	41301231	[A/T]	1067298443
Ca_Kabuli_NC_021164.1_41464556	Ca_kabuli_chr05	41464556	[A/T]	1067298444
Ca_Kabuli_NC_021164.1_41464576	Ca_kabuli_chr05	41464576	[A/T]	1067298445
Ca_Kabuli_NC_021164.1_41524246	Ca_kabuli_chr05	41524246	[T/G]	1067298446
Ca_Kabuli_NC_021164.1_41525956	Ca_kabuli_chr05	41525956	[C/G]	1067298447
Ca_Kabuli_NC_021164.1_41525957	Ca_kabuli_chr05	41525957	[T/A]	1067298448
Ca_Kabuli_NC_021164.1_41525961	Ca_kabuli_chr05	41525961	[T/G]	1067298449
Ca_Kabuli_NC_021164.1_41635235	Ca_kabuli_chr05	41635235	[T/A]	1067298450
Ca_Kabuli_NC_021164.1_41635256	Ca_kabuli_chr05	41635256	[A/C]	1067298451
Ca_Kabuli_NC_021164.1_41635335	Ca_kabuli_chr05	41635335	[A/G]	1067298452
Ca_Kabuli_NC_021164.1_41635373	Ca_kabuli_chr05	41635373	[A/G]	1067298453
Ca_Kabuli_NC_021164.1_41635375	Ca_kabuli_chr05	41635375	[A/G]	1067298454
Ca_Kabuli_NC_021164.1_41678072	Ca_kabuli_chr05	41678072	[T/A]	1067298455
Ca_Kabuli_NC_021164.1_41696457	Ca_kabuli_chr05	41696457	[T/G]	1067298456

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_41711654	Ca_kabuli_chr05	41711654	[T/C]	1067298459
Ca_Kabuli_NC_021164.1_41834116	Ca_kabuli_chr05	41834116	[G/T]	1067298460
Ca_Kabuli_NC_021164.1_41837465	Ca_kabuli_chr05	41837465	[A/C]	1067298461
Ca_Kabuli_NC_021164.1_41837505	Ca_kabuli_chr05	41837505	[A/C]	1067298462
Ca_Kabuli_NC_021164.1_41849742	Ca_kabuli_chr05	41849742	[A/G]	1067298463
Ca_Kabuli_NC_021164.1_41863613	Ca_kabuli_chr05	41863613	[A/G]	1067298464
Ca_Kabuli_NC_021164.1_41863617	Ca_kabuli_chr05	41863617	[T/C]	1067298465
Ca_Kabuli_NC_021164.1_41863621	Ca_kabuli_chr05	41863621	[T/A]	1067298466
Ca_Kabuli_NC_021164.1_41863693	Ca_kabuli_chr05	41863693	[A/C]	1067298467
Ca_Kabuli_NC_021164.1_41863824	Ca_kabuli_chr05	41863824	[A/C]	1067298468
Ca_Kabuli_NC_021164.1_41996791	Ca_kabuli_chr05	41996791	[A/G]	1067298469
Ca_Kabuli_NC_021164.1_41996869	Ca_kabuli_chr05	41996869	[T/C]	1067298470
Ca_Kabuli_NC_021164.1_41996873	Ca_kabuli_chr05	41996873	[A/C]	1067298471
Ca_Kabuli_NC_021164.1_41996876	Ca_kabuli_chr05	41996876	[T/C]	1067298472
Ca_Kabuli_NC_021164.1_41996888	Ca_kabuli_chr05	41996888	[T/C]	1067298473
Ca_Kabuli_NC_021164.1_41996906	Ca_kabuli_chr05	41996906	[A/C]	1067298474
Ca_Kabuli_NC_021164.1_42004600	Ca_kabuli_chr05	42004600	[T/G]	1067298475
Ca_Kabuli_NC_021164.1_42004602	Ca_kabuli_chr05	42004602	[A/G]	1067298476
Ca_Kabuli_NC_021164.1_42004606	Ca_kabuli_chr05	42004606	[C/T]	1067298477
Ca_Kabuli_NC_021164.1_42011170	Ca_kabuli_chr05	42011170	[T/C]	1067298478
Ca_Kabuli_NC_021164.1_42011171	Ca_kabuli_chr05	42011171	[C/T]	1067298479
Ca_Kabuli_NC_021164.1_42011172	Ca_kabuli_chr05	42011172	[T/C]	1067298480
Ca_Kabuli_NC_021164.1_42013006	Ca_kabuli_chr05	42013006	[A/G]	1067298481
Ca_Kabuli_NC_021164.1_42013021	Ca_kabuli_chr05	42013021	[A/G]	1067298482
Ca_Kabuli_NC_021164.1_42013039	Ca_kabuli_chr05	42013039	[A/G]	1067298483
Ca_Kabuli_NC_021164.1_42028103	Ca_kabuli_chr05	42028103	[T/G]	1067298484
Ca_Kabuli_NC_021164.1_42052317	Ca_kabuli_chr05	42052317	[C/T]	1067298485
Ca_Kabuli_NC_021164.1_42052318	Ca_kabuli_chr05	42052318	[T/C]	1067298486
Ca_Kabuli_NC_021164.1_42052319	Ca_kabuli_chr05	42052319	[G/T]	1067298487
Ca_Kabuli_NC_021164.1_42120694	Ca_kabuli_chr05	42120694	[A/G]	1067298488
Ca_Kabuli_NC_021164.1_42120710	Ca_kabuli_chr05	42120710	[T/C]	1067298489
Ca_Kabuli_NC_021164.1_42120718	Ca_kabuli_chr05	42120718	[A/G]	1067298490

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_42225601	Ca_kabuli_chr05	42225601	[T/C]	1067298492
Ca_Kabuli_NC_021164.1_42275529	Ca_kabuli_chr05	42275529	[A/C]	1067298493
Ca_Kabuli_NC_021164.1_42351849	Ca_kabuli_chr05	42351849	[A/G]	1067298494
Ca_Kabuli_NC_021164.1_42351864	Ca_kabuli_chr05	42351864	[T/A]	1067298495
Ca_Kabuli_NC_021164.1_42351886	Ca_kabuli_chr05	42351886	[T/C]	1067298496
Ca_Kabuli_NC_021164.1_42376126	Ca_kabuli_chr05	42376126	[A/C]	1067298497
Ca_Kabuli_NC_021164.1_42376150	Ca_kabuli_chr05	42376150	[T/A]	1067298498
Ca_Kabuli_NC_021164.1_42397886	Ca_kabuli_chr05	42397886	[T/G]	1067298499
Ca_Kabuli_NC_021164.1_42397895	Ca_kabuli_chr05	42397895	[T/G]	1067298500
Ca_Kabuli_NC_021164.1_42397909	Ca_kabuli_chr05	42397909	[A/C]	1067298501
Ca_Kabuli_NC_021164.1_42397921	Ca_kabuli_chr05	42397921	[A/G]	1067298502
Ca_Kabuli_NC_021164.1_42397937	Ca_kabuli_chr05	42397937	[A/G]	1067298503
Ca_Kabuli_NC_021164.1_42412760	Ca_kabuli_chr05	42412760	[T/G]	1067298504
Ca_Kabuli_NC_021164.1_42422965	Ca_kabuli_chr05	42422965	[A/G]	1067298505
Ca_Kabuli_NC_021164.1_42435224	Ca_kabuli_chr05	42435224	[T/C]	1067298506
Ca_Kabuli_NC_021164.1_42443752	Ca_kabuli_chr05	42443752	[A/C]	1067298507
Ca_Kabuli_NC_021164.1_42465328	Ca_kabuli_chr05	42465328	[T/A]	1067298508
Ca_Kabuli_NC_021164.1_42465333	Ca_kabuli_chr05	42465333	[T/G]	1067298509
Ca_Kabuli_NC_021164.1_42465340	Ca_kabuli_chr05	42465340	[T/C]	1067298510
Ca_Kabuli_NC_021164.1_42499612	Ca_kabuli_chr05	42499612	[T/C]	1067298511
Ca_Kabuli_NC_021164.1_42499694	Ca_kabuli_chr05	42499694	[A/G]	1067298512
Ca_Kabuli_NC_021164.1_42499697	Ca_kabuli_chr05	42499697	[A/C]	1067298513
Ca_Kabuli_NC_021164.1_42528648	Ca_kabuli_chr05	42528648	[T/G]	1067298514
Ca_Kabuli_NC_021164.1_42528650	Ca_kabuli_chr05	42528650	[A/G]	1067298515
Ca_Kabuli_NC_021164.1_42528679	Ca_kabuli_chr05	42528679	[T/C]	1067298516
Ca_Kabuli_NC_021164.1_42528744	Ca_kabuli_chr05	42528744	[T/G]	1067298517
Ca_Kabuli_NC_021164.1_42528923	Ca_kabuli_chr05	42528923	[G/T]	1067298518
Ca_Kabuli_NC_021164.1_42528925	Ca_kabuli_chr05	42528925	[T/G]	1067298519
Ca_Kabuli_NC_021164.1_42528926	Ca_kabuli_chr05	42528926	[G/C]	1067298520
Ca_Kabuli_NC_021164.1_42528929	Ca_kabuli_chr05	42528929	[C/G]	1067298521
Ca_Kabuli_NC_021164.1_42528931	Ca_kabuli_chr05	42528931	[G/A]	1067298522
Ca_Kabuli_NC_021164.1_42528934	Ca_kabuli_chr05	42528934	[A/C]	1067298523
Ca_Kabuli_NC_021164.1_42528935	Ca_kabuli_chr05	42528935	[C/A]	1067298524

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_42528987	Ca_kabuli_chr05	42528987	[A/T]	1067298527
Ca_Kabuli_NC_021164.1_42615551	Ca_kabuli_chr05	42615551	[A/G]	1067298528
Ca_Kabuli_NC_021164.1_42655065	Ca_kabuli_chr05	42655065	[T/G]	1067298529
Ca_Kabuli_NC_021164.1_42655183	Ca_kabuli_chr05	42655183	[A/T]	1067298530
Ca_Kabuli_NC_021164.1_42655187	Ca_kabuli_chr05	42655187	[T/C]	1067298531
Ca_Kabuli_NC_021164.1_42655218	Ca_kabuli_chr05	42655218	[A/G]	1067298532
Ca_Kabuli_NC_021164.1_42791062	Ca_kabuli_chr05	42791062	[A/G]	1067298533
Ca_Kabuli_NC_021164.1_42791087	Ca_kabuli_chr05	42791087	[A/T]	1067298534
Ca_Kabuli_NC_021164.1_42791118	Ca_kabuli_chr05	42791118	[A/G]	1067298535
Ca_Kabuli_NC_021164.1_42792617	Ca_kabuli_chr05	42792617	[T/G]	1067298536
Ca_Kabuli_NC_021164.1_42811405	Ca_kabuli_chr05	42811405	[T/G]	1067298537
Ca_Kabuli_NC_021164.1_42856743	Ca_kabuli_chr05	42856743	[A/C]	1067298538
Ca_Kabuli_NC_021164.1_42863372	Ca_kabuli_chr05	42863372	[A/T]	1067298539
Ca_Kabuli_NC_021164.1_42882741	Ca_kabuli_chr05	42882741	[A/C]	1067298540
Ca_Kabuli_NC_021164.1_42882762	Ca_kabuli_chr05	42882762	[A/C]	1067298541
Ca_Kabuli_NC_021164.1_42882853	Ca_kabuli_chr05	42882853	[A/C]	1067298542
Ca_Kabuli_NC_021164.1_42882933	Ca_kabuli_chr05	42882933	[T/A]	1067298543
Ca_Kabuli_NC_021164.1_42882964	Ca_kabuli_chr05	42882964	[A/C]	1067298544
Ca_Kabuli_NC_021164.1_42882969	Ca_kabuli_chr05	42882969	[A/C]	1067298545
Ca_Kabuli_NC_021164.1_42910653	Ca_kabuli_chr05	42910653	[A/C]	1067298546
Ca_Kabuli_NC_021164.1_42928950	Ca_kabuli_chr05	42928950	[C/G]	1067298547
Ca_Kabuli_NC_021164.1_42928969	Ca_kabuli_chr05	42928969	[T/G]	1067298548
Ca_Kabuli_NC_021164.1_42928974	Ca_kabuli_chr05	42928974	[T/G]	1067298549
Ca_Kabuli_NC_021164.1_42929055	Ca_kabuli_chr05	42929055	[A/G]	1067298550
Ca_Kabuli_NC_021164.1_43012119	Ca_kabuli_chr05	43012119	[A/C]	1067298551
Ca_Kabuli_NC_021164.1_43022588	Ca_kabuli_chr05	43022588	[A/C]	1067298552
Ca_Kabuli_NC_021164.1_43035015	Ca_kabuli_chr05	43035015	[A/G]	1067298553
Ca_Kabuli_NC_021164.1_43035039	Ca_kabuli_chr05	43035039	[G/T]	1067298554
Ca_Kabuli_NC_021164.1_43035049	Ca_kabuli_chr05	43035049	[A/G]	1067298555
Ca_Kabuli_NC_021164.1_43037858	Ca_kabuli_chr05	43037858	[A/C]	1067298556
Ca_Kabuli_NC_021164.1_43059960	Ca_kabuli_chr05	43059960	[G/C]	1067298557
Ca_Kabuli_NC_021164.1_43060040	Ca_kabuli_chr05	43060040	[A/C]	1067298558



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_43080452	Ca_kabuli_chr05	43080452	[A/T]	1067298561
Ca_Kabuli_NC_021164.1_43080501	Ca_kabuli_chr05	43080501	[T/A]	1067298562
Ca_Kabuli_NC_021164.1_43081728	Ca_kabuli_chr05	43081728	[T/C]	1067298563
Ca_Kabuli_NC_021164.1_43081737	Ca_kabuli_chr05	43081737	[A/G]	1067298564
Ca_Kabuli_NC_021164.1_43081768	Ca_kabuli_chr05	43081768	[A/G]	1067298565
Ca_Kabuli_NC_021164.1_43101150	Ca_kabuli_chr05	43101150	[T/C]	1067298566
Ca_Kabuli_NC_021164.1_43167941	Ca_kabuli_chr05	43167941	[A/C]	1067298567
Ca_Kabuli_NC_021164.1_43175941	Ca_kabuli_chr05	43175941	[T/G]	1067298568
Ca_Kabuli_NC_021164.1_43188858	Ca_kabuli_chr05	43188858	[C/A]	1067298569
Ca_Kabuli_NC_021164.1_43188864	Ca_kabuli_chr05	43188864	[C/A]	1067298570
Ca_Kabuli_NC_021164.1_43188867	Ca_kabuli_chr05	43188867	[C/G]	1067298571
Ca_Kabuli_NC_021164.1_43188880	Ca_kabuli_chr05	43188880	[T/C]	1067298572
Ca_Kabuli_NC_021164.1_43188882	Ca_kabuli_chr05	43188882	[T/C]	1067298573
Ca_Kabuli_NC_021164.1_43188888	Ca_kabuli_chr05	43188888	[C/T]	1067298574
Ca_Kabuli_NC_021164.1_43206862	Ca_kabuli_chr05	43206862	[A/T]	1067298575
Ca_Kabuli_NC_021164.1_43212064	Ca_kabuli_chr05	43212064	[A/C]	1067298576
Ca_Kabuli_NC_021164.1_43212076	Ca_kabuli_chr05	43212076	[T/A]	1067298577
Ca_Kabuli_NC_021164.1_43212081	Ca_kabuli_chr05	43212081	[A/C]	1067298578
Ca_Kabuli_NC_021164.1_43221060	Ca_kabuli_chr05	43221060	[T/G]	1067298579
Ca_Kabuli_NC_021164.1_43253654	Ca_kabuli_chr05	43253654	[A/T]	1067298580
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Ca_Kabuli_NC_021164.1_43307647	Ca_kabuli_chr05	43307647	[T/C]	1067298583
Ca_Kabuli_NC_021164.1_43307720	Ca_kabuli_chr05	43307720	[T/C]	1067298584
Ca_Kabuli_NC_021164.1_43307726	Ca_kabuli_chr05	43307726	[A/G]	1067298585
Ca_Kabuli_NC_021164.1_43326670	Ca_kabuli_chr05	43326670	[T/C]	1067298586
Ca_Kabuli_NC_021164.1_43388057	Ca_kabuli_chr05	43388057	[A/G]	1067298587
Ca_Kabuli_NC_021164.1_43407702	Ca_kabuli_chr05	43407702	[T/G]	1067298588
Ca_Kabuli_NC_021164.1_43410316	Ca_kabuli_chr05	43410316	[A/T]	1067298589
Ca_Kabuli_NC_021164.1_43423931	Ca_kabuli_chr05	43423931	[C/A]	1067298590
Ca_Kabuli_NC_021164.1_43512090	Ca_kabuli_chr05	43512090	[A/G]	1067298591
Ca_Kabuli_NC_021164.1_43512116	Ca_kabuli_chr05	43512116	[T/A]	1067298592

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_43523430	Ca_kabuli_chr05	43523430	[T/C]	1067298595
Ca_Kabuli_NC_021164.1_43523520	Ca_kabuli_chr05	43523520	[T/G]	1067298596
Ca_Kabuli_NC_021164.1_43530592	Ca_kabuli_chr05	43530592	[T/G]	1067298597
Ca_Kabuli_NC_021164.1_43632408	Ca_kabuli_chr05	43632408	[T/A]	1067298598
Ca_Kabuli_NC_021164.1_43698024	Ca_kabuli_chr05	43698024	[T/G]	1067298599
Ca_Kabuli_NC_021164.1_43698051	Ca_kabuli_chr05	43698051	[T/C]	1067298600
Ca_Kabuli_NC_021164.1_43731650	Ca_kabuli_chr05	43731650	[T/C]	1067298601
Ca_Kabuli_NC_021164.1_43754083	Ca_kabuli_chr05	43754083	[T/C]	1067298602
Ca_Kabuli_NC_021164.1_43754814	Ca_kabuli_chr05	43754814	[A/T]	1067298603
Ca_Kabuli_NC_021164.1_43754815	Ca_kabuli_chr05	43754815	[A/C]	1067298604
Ca_Kabuli_NC_021164.1_43754816	Ca_kabuli_chr05	43754816	[G/T]	1067298605
Ca_Kabuli_NC_021164.1_43754867	Ca_kabuli_chr05	43754867	[A/C]	1067298606
Ca_Kabuli_NC_021164.1_43755039	Ca_kabuli_chr05	43755039	[A/G]	1067298607
Ca_Kabuli_NC_021164.1_43755135	Ca_kabuli_chr05	43755135	[A/T]	1067298608
Ca_Kabuli_NC_021164.1_43758818	Ca_kabuli_chr05	43758818	[A/G]	1067298609
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Ca_Kabuli_NC_021164.1_43759076	Ca_kabuli_chr05	43759076	[A/G]	1067298611
Ca_Kabuli_NC_021164.1_43759082	Ca_kabuli_chr05	43759082	[A/T]	1067298612
Ca_Kabuli_NC_021164.1_43759098	Ca_kabuli_chr05	43759098	[T/C]	1067298613
Ca_Kabuli_NC_021164.1_43779141	Ca_kabuli_chr05	43779141	[T/C]	1067298614
Ca_Kabuli_NC_021164.1_43779147	Ca_kabuli_chr05	43779147	[G/A]	1067298615
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Ca_Kabuli_NC_021164.1_43789863	Ca_kabuli_chr05	43789863	[A/T]	1067298619
Ca_Kabuli_NC_021164.1_43789872	Ca_kabuli_chr05	43789872	[T/C]	1067298620
Ca_Kabuli_NC_021164.1_43790691	Ca_kabuli_chr05	43790691	[C/A]	1067298621
Ca_Kabuli_NC_021164.1_43790692	Ca_kabuli_chr05	43790692	[C/G]	1067298622
Ca_Kabuli_NC_021164.1_43790693	Ca_kabuli_chr05	43790693	[T/A]	1067298623
Ca_Kabuli_NC_021164.1_43790694	Ca_kabuli_chr05	43790694	[A/T]	1067298624
Ca_Kabuli_NC_021164.1_43834723	Ca_kabuli_chr05	43834723	[A/G]	1067298625
Ca_Kabuli_NC_021164.1_43834789	Ca_kabuli_chr05	43834789	[A/G]	1067298626

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_43892493	Ca_kabuli_chr05	43892493	[T/A]	1067298629
Ca_Kabuli_NC_021164.1_43904482	Ca_kabuli_chr05	43904482	[A/T]	1067298630
Ca_Kabuli_NC_021164.1_43904515	Ca_kabuli_chr05	43904515	[A/C]	1067298631
Ca_Kabuli_NC_021164.1_43919009	Ca_kabuli_chr05	43919009	[C/T]	1067298632
Ca_Kabuli_NC_021164.1_43919017	Ca_kabuli_chr05	43919017	[T/G]	1067298633
Ca_Kabuli_NC_021164.1_43919022	Ca_kabuli_chr05	43919022	[G/C]	1067298634
Ca_Kabuli_NC_021164.1_43919028	Ca_kabuli_chr05	43919028	[A/G]	1067298635
Ca_Kabuli_NC_021164.1_43919137	Ca_kabuli_chr05	43919137	[T/G]	1067298636
Ca_Kabuli_NC_021164.1_43982988	Ca_kabuli_chr05	43982988	[C/G]	1067298637
Ca_Kabuli_NC_021164.1_43982996	Ca_kabuli_chr05	43982996	[G/A]	1067298638
Ca_Kabuli_NC_021164.1_44019121	Ca_kabuli_chr05	44019121	[C/A]	1067298639
Ca_Kabuli_NC_021164.1_44019122	Ca_kabuli_chr05	44019122	[C/T]	1067298640
Ca_Kabuli_NC_021164.1_44019123	Ca_kabuli_chr05	44019123	[A/C]	1067298641
Ca_Kabuli_NC_021164.1_44019124	Ca_kabuli_chr05	44019124	[G/T]	1067298642
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Ca_Kabuli_NC_021164.1_44101990	Ca_kabuli_chr05	44101990	[T/A]	1067298653
Ca_Kabuli_NC_021164.1_44109266	Ca_kabuli_chr05	44109266	[C/T]	1067298654
Ca_Kabuli_NC_021164.1_44109279	Ca_kabuli_chr05	44109279	[C/T]	1067298655
Ca_Kabuli_NC_021164.1_44159226	Ca_kabuli_chr05	44159226	[T/G]	1067298656
Ca_Kabuli_NC_021164.1_44159238	Ca_kabuli_chr05	44159238	[A/C]	1067298657
Ca_Kabuli_NC_021164.1_44215966	Ca_kabuli_chr05	44215966	[A/T]	1067298658
Ca_Kabuli_NC_021164.1_44244118	Ca_kabuli_chr05	44244118	[T/A]	1067298659
Ca_Kabuli_NC_021164.1_44275605	Ca_kabuli_chr05	44275605	[A/G]	1067298660

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_44308576	Ca_kabuli_chr05	44308576	[A/G]	1067298663
Ca_Kabuli_NC_021164.1_44334269	Ca_kabuli_chr05	44334269	[A/G]	1067298664
Ca_Kabuli_NC_021164.1_44334742	Ca_kabuli_chr05	44334742	[A/G]	1067298665
Ca_Kabuli_NC_021164.1_44334747	Ca_kabuli_chr05	44334747	[T/C]	1067298666
Ca_Kabuli_NC_021164.1_44334780	Ca_kabuli_chr05	44334780	[A/C]	1067298667
Ca_Kabuli_NC_021164.1_44334830	Ca_kabuli_chr05	44334830	[T/G]	1067298668
Ca_Kabuli_NC_021164.1_44334854	Ca_kabuli_chr05	44334854	[A/G]	1067298669
Ca_Kabuli_NC_021164.1_44422686	Ca_kabuli_chr05	44422686	[C/A]	1067298670
Ca_Kabuli_NC_021164.1_44422721	Ca_kabuli_chr05	44422721	[T/C]	1067298671
Ca_Kabuli_NC_021164.1_44428939	Ca_kabuli_chr05	44428939	[A/T]	1067298672
Ca_Kabuli_NC_021164.1_44428960	Ca_kabuli_chr05	44428960	[T/A]	1067298673
Ca_Kabuli_NC_021164.1_44428962	Ca_kabuli_chr05	44428962	[G/A]	1067298674
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Ca_Kabuli_NC_021164.1_44555845	Ca_kabuli_chr05	44555845	[T/C]	1067298676
Ca_Kabuli_NC_021164.1_44555908	Ca_kabuli_chr05	44555908	[A/G]	1067298677
Ca_Kabuli_NC_021164.1_44561112	Ca_kabuli_chr05	44561112	[A/C]	1067298678
Ca_Kabuli_NC_021164.1_44561114	Ca_kabuli_chr05	44561114	[C/T]	1067298679
Ca_Kabuli_NC_021164.1_44656882	Ca_kabuli_chr05	44656882	[T/G]	1067298680
Ca_Kabuli_NC_021164.1_44760376	Ca_kabuli_chr05	44760376	[T/A]	1067298681
Ca_Kabuli_NC_021164.1_44760406	Ca_kabuli_chr05	44760406	[A/T]	1067298682
Ca_Kabuli_NC_021164.1_44768955	Ca_kabuli_chr05	44768955	[A/C]	1067298683
Ca_Kabuli_NC_021164.1_44769484	Ca_kabuli_chr05	44769484	[T/C]	1067298684
Ca_Kabuli_NC_021164.1_44769485	Ca_kabuli_chr05	44769485	[C/T]	1067298685
Ca_Kabuli_NC_021164.1_44772368	Ca_kabuli_chr05	44772368	[T/G]	1067298686
Ca_Kabuli_NC_021164.1_44772494	Ca_kabuli_chr05	44772494	[T/C]	1067298687
Ca_Kabuli_NC_021164.1_44772503	Ca_kabuli_chr05	44772503	[A/C]	1067298688
Ca_Kabuli_NC_021164.1_44822311	Ca_kabuli_chr05	44822311	[G/A]	1067298689
Ca_Kabuli_NC_021164.1_44822351	Ca_kabuli_chr05	44822351	[T/G]	1067298690
Ca_Kabuli_NC_021164.1_44824496	Ca_kabuli_chr05	44824496	[C/T]	1067298691
Ca_Kabuli_NC_021164.1_44824747	Ca_kabuli_chr05	44824747	[C/G]	1067298692
Ca_Kabuli_NC_021164.1_44832042	Ca_kabuli_chr05	44832042	[C/A]	1067298693
Ca_Kabuli_NC_021164.1_44832051	Ca_kabuli_chr05	44832051	[T/C]	1067298694

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_44887020	Ca_kabuli_chr05	44887020	[T/C]	1067298696
Ca_Kabuli_NC_021164.1_44890500	Ca_kabuli_chr05	44890500	[A/G]	1067298697
Ca_Kabuli_NC_021164.1_44895493	Ca_kabuli_chr05	44895493	[A/C]	1067298698
Ca_Kabuli_NC_021164.1_44895508	Ca_kabuli_chr05	44895508	[A/G]	1067298699
Ca_Kabuli_NC_021164.1_44895515	Ca_kabuli_chr05	44895515	[T/C]	1067298700
Ca_Kabuli_NC_021164.1_44895532	Ca_kabuli_chr05	44895532	[G/A]	1067298701
Ca_Kabuli_NC_021164.1_44911842	Ca_kabuli_chr05	44911842	[C/T]	1067298702
Ca_Kabuli_NC_021164.1_44918177	Ca_kabuli_chr05	44918177	[T/G]	1067298703
Ca_Kabuli_NC_021164.1_44918198	Ca_kabuli_chr05	44918198	[A/G]	1067298704
Ca_Kabuli_NC_021164.1_44938814	Ca_kabuli_chr05	44938814	[A/T]	1067298705
Ca_Kabuli_NC_021164.1_44972133	Ca_kabuli_chr05	44972133	[T/G]	1067298706
Ca_Kabuli_NC_021164.1_44975251	Ca_kabuli_chr05	44975251	[A/C]	1067298707
Ca_Kabuli_NC_021164.1_45219235	Ca_kabuli_chr05	45219235	[A/G]	1067298708
Ca_Kabuli_NC_021164.1_45219308	Ca_kabuli_chr05	45219308	[T/C]	1067298709
Ca_Kabuli_NC_021164.1_45219353	Ca_kabuli_chr05	45219353	[A/G]	1067298710
Ca_Kabuli_NC_021164.1_45254112	Ca_kabuli_chr05	45254112	[T/G]	1067298711
Ca_Kabuli_NC_021164.1_45301813	Ca_kabuli_chr05	45301813	[A/T]	1067298712
Ca_Kabuli_NC_021164.1_45312719	Ca_kabuli_chr05	45312719	[T/C]	1067298713
Ca_Kabuli_NC_021164.1_45337308	Ca_kabuli_chr05	45337308	[A/G]	1067298714
Ca_Kabuli_NC_021164.1_45337327	Ca_kabuli_chr05	45337327	[A/G]	1067298715
Ca_Kabuli_NC_021164.1_45337494	Ca_kabuli_chr05	45337494	[A/C]	1067298716
Ca_Kabuli_NC_021164.1_45337512	Ca_kabuli_chr05	45337512	[A/C]	1067298717
Ca_Kabuli_NC_021164.1_45407044	Ca_kabuli_chr05	45407044	[A/C]	1067298718
Ca_Kabuli_NC_021164.1_45413935	Ca_kabuli_chr05	45413935	[T/A]	1067298719
Ca_Kabuli_NC_021164.1_45418344	Ca_kabuli_chr05	45418344	[T/G]	1067298720
Ca_Kabuli_NC_021164.1_45418365	Ca_kabuli_chr05	45418365	[T/C]	1067298721
Ca_Kabuli_NC_021164.1_45478398	Ca_kabuli_chr05	45478398	[G/T]	1067298722
Ca_Kabuli_NC_021164.1_45480153	Ca_kabuli_chr05	45480153	[G/T]	1067298723
Ca_Kabuli_NC_021164.1_45480160	Ca_kabuli_chr05	45480160	[A/G]	1067298724
Ca_Kabuli_NC_021164.1_45480229	Ca_kabuli_chr05	45480229	[T/C]	1067298725
Ca_Kabuli_NC_021164.1_45480274	Ca_kabuli_chr05	45480274	[T/C]	1067298726
Ca_Kabuli_NC_021164.1_45506164	Ca_kabuli_chr05	45506164	[T/C]	1067298727
Ca_Kabuli_NC_021164.1_45607828	Ca_kabuli_chr05	45607828	[A/G]	1067298728

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_45646616	Ca_kabuli_chr05	45646616	[T/C]	1067298731
Ca_Kabuli_NC_021164.1_45646656	Ca_kabuli_chr05	45646656	[A/G]	1067298732
Ca_Kabuli_NC_021164.1_45646706	Ca_kabuli_chr05	45646706	[T/C]	1067298733
Ca_Kabuli_NC_021164.1_45647057	Ca_kabuli_chr05	45647057	[T/C]	1067298734
Ca_Kabuli_NC_021164.1_45649181	Ca_kabuli_chr05	45649181	[T/G]	1067298735
Ca_Kabuli_NC_021164.1_45649184	Ca_kabuli_chr05	45649184	[T/G]	1067298736
Ca_Kabuli_NC_021164.1_45694488	Ca_kabuli_chr05	45694488	[A/G]	1067298737
Ca_Kabuli_NC_021164.1_45694524	Ca_kabuli_chr05	45694524	[A/G]	1067298738
Ca_Kabuli_NC_021164.1_45704236	Ca_kabuli_chr05	45704236	[A/G]	1067298739
Ca_Kabuli_NC_021164.1_45704247	Ca_kabuli_chr05	45704247	[T/C]	1067298740
Ca_Kabuli_NC_021164.1_45704250	Ca_kabuli_chr05	45704250	[T/C]	1067298741
Ca_Kabuli_NC_021164.1_45704265	Ca_kabuli_chr05	45704265	[A/G]	1067298742
Ca_Kabuli_NC_021164.1_45704281	Ca_kabuli_chr05	45704281	[A/G]	1067298743
Ca_Kabuli_NC_021164.1_45710509	Ca_kabuli_chr05	45710509	[A/G]	1067298744
Ca_Kabuli_NC_021164.1_45710519	Ca_kabuli_chr05	45710519	[A/G]	1067298745
Ca_Kabuli_NC_021164.1_45731608	Ca_kabuli_chr05	45731608	[T/G]	1067298746
Ca_Kabuli_NC_021164.1_45731819	Ca_kabuli_chr05	45731819	[A/C]	1067298747
Ca_Kabuli_NC_021164.1_45732662	Ca_kabuli_chr05	45732662	[A/G]	1067298748
Ca_Kabuli_NC_021164.1_45841033	Ca_kabuli_chr05	45841033	[T/G]	1067298749
Ca_Kabuli_NC_021164.1_45841041	Ca_kabuli_chr05	45841041	[T/C]	1067298750
Ca_Kabuli_NC_021164.1_45841046	Ca_kabuli_chr05	45841046	[T/G]	1067298751
Ca_Kabuli_NC_021164.1_45841050	Ca_kabuli_chr05	45841050	[T/C]	1067298752
Ca_Kabuli_NC_021164.1_45848012	Ca_kabuli_chr05	45848012	[T/A]	1067298753
Ca_Kabuli_NC_021164.1_45924025	Ca_kabuli_chr05	45924025	[A/T]	1067298754
Ca_Kabuli_NC_021164.1_45924039	Ca_kabuli_chr05	45924039	[T/C]	1067298755
Ca_Kabuli_NC_021164.1_45924056	Ca_kabuli_chr05	45924056	[A/G]	1067298756
Ca_Kabuli_NC_021164.1_45952828	Ca_kabuli_chr05	45952828	[T/G]	1067298757
Ca_Kabuli_NC_021164.1_45952833	Ca_kabuli_chr05	45952833	[T/G]	1067298758
Ca_Kabuli_NC_021164.1_45994690	Ca_kabuli_chr05	45994690	[A/T]	1067298759
Ca_Kabuli_NC_021164.1_45994731	Ca_kabuli_chr05	45994731	[A/G]	1067298760
Ca_Kabuli_NC_021164.1_46019035	Ca_kabuli_chr05	46019035	[T/G]	1067298761
Ca_Kabuli_NC_021164.1_46019049	Ca_kabuli_chr05	46019049	[A/G]	1067298762

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_46130217	Ca_kabuli_chr05	46130217	[T/G]	1067298765
Ca_Kabuli_NC_021164.1_46156202	Ca_kabuli_chr05	46156202	[T/C]	1067298766
Ca_Kabuli_NC_021164.1_46156815	Ca_kabuli_chr05	46156815	[A/T]	1067298767
Ca_Kabuli_NC_021164.1_46156816	Ca_kabuli_chr05	46156816	[G/C]	1067298768
Ca_Kabuli_NC_021164.1_46156817	Ca_kabuli_chr05	46156817	[G/T]	1067298769
Ca_Kabuli_NC_021164.1_46196699	Ca_kabuli_chr05	46196699	[A/C]	1067298770
Ca_Kabuli_NC_021164.1_46225026	Ca_kabuli_chr05	46225026	[G/T]	1067298771
Ca_Kabuli_NC_021164.1_46260786	Ca_kabuli_chr05	46260786	[T/G]	1067298772
Ca_Kabuli_NC_021164.1_46260798	Ca_kabuli_chr05	46260798	[T/G]	1067298773
Ca_Kabuli_NC_021164.1_46260810	Ca_kabuli_chr05	46260810	[T/A]	1067298774
Ca_Kabuli_NC_021164.1_46260811	Ca_kabuli_chr05	46260811	[A/C]	1067298775
Ca_Kabuli_NC_021164.1_46260817	Ca_kabuli_chr05	46260817	[A/C]	1067298776
Ca_Kabuli_NC_021164.1_46260828	Ca_kabuli_chr05	46260828	[A/C]	1067298777
Ca_Kabuli_NC_021164.1_46260846	Ca_kabuli_chr05	46260846	[A/C]	1067298778
Ca_Kabuli_NC_021164.1_46263316	Ca_kabuli_chr05	46263316	[T/G]	1067298779
Ca_Kabuli_NC_021164.1_46263320	Ca_kabuli_chr05	46263320	[T/G]	1067298780
Ca_Kabuli_NC_021164.1_46272277	Ca_kabuli_chr05	46272277	[A/T]	1067298781
Ca_Kabuli_NC_021164.1_46272308	Ca_kabuli_chr05	46272308	[A/G]	1067298782
Ca_Kabuli_NC_021164.1_46301639	Ca_kabuli_chr05	46301639	[G/A]	1067298783
Ca_Kabuli_NC_021164.1_46310743	Ca_kabuli_chr05	46310743	[A/C]	1067298784
Ca_Kabuli_NC_021164.1_46328623	Ca_kabuli_chr05	46328623	[A/G]	1067298785
Ca_Kabuli_NC_021164.1_46328640	Ca_kabuli_chr05	46328640	[A/T]	1067298786
Ca_Kabuli_NC_021164.1_46344104	Ca_kabuli_chr05	46344104	[G/A]	1067298787
Ca_Kabuli_NC_021164.1_46491556	Ca_kabuli_chr05	46491556	[T/G]	1067298788
Ca_Kabuli_NC_021164.1_46513842	Ca_kabuli_chr05	46513842	[A/C]	1067298789
Ca_Kabuli_NC_021164.1_46535489	Ca_kabuli_chr05	46535489	[T/C]	1067298790
Ca_Kabuli_NC_021164.1_46535552	Ca_kabuli_chr05	46535552	[A/C]	1067298791
Ca_Kabuli_NC_021164.1_46535559	Ca_kabuli_chr05	46535559	[A/G]	1067298792
Ca_Kabuli_NC_021164.1_46592120	Ca_kabuli_chr05	46592120	[A/G]	1067298793
Ca_Kabuli_NC_021164.1_46592129	Ca_kabuli_chr05	46592129	[A/G]	1067298794
Ca_Kabuli_NC_021164.1_46607686	Ca_kabuli_chr05	46607686	[T/A]	1067298795
Ca_Kabuli_NC_021164.1_46611196	Ca_kabuli_chr05	46611196	[G/T]	1067298796

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_46621403	Ca_kabuli_chr05	46621403	[T/C]	1067298799
Ca_Kabuli_NC_021164.1_46703151	Ca_kabuli_chr05	46703151	[T/A]	1067298800
Ca_Kabuli_NC_021164.1_46703154	Ca_kabuli_chr05	46703154	[C/T]	1067298801
Ca_Kabuli_NC_021164.1_46703157	Ca_kabuli_chr05	46703157	[C/T]	1067298802
Ca_Kabuli_NC_021164.1_46723685	Ca_kabuli_chr05	46723685	[A/C]	1067298803
Ca_Kabuli_NC_021164.1_46771485	Ca_kabuli_chr05	46771485	[T/G]	1067298804
Ca_Kabuli_NC_021164.1_46792245	Ca_kabuli_chr05	46792245	[T/C]	1067298805
Ca_Kabuli_NC_021164.1_46799540	Ca_kabuli_chr05	46799540	[A/T]	1067298806
Ca_Kabuli_NC_021164.1_46799553	Ca_kabuli_chr05	46799553	[T/C]	1067298807
Ca_Kabuli_NC_021164.1_46799573	Ca_kabuli_chr05	46799573	[T/C]	1067298808
Ca_Kabuli_NC_021164.1_46799574	Ca_kabuli_chr05	46799574	[C/T]	1067298809
Ca_Kabuli_NC_021164.1_46799578	Ca_kabuli_chr05	46799578	[T/C]	1067298810
Ca_Kabuli_NC_021164.1_46799580	Ca_kabuli_chr05	46799580	[C/T]	1067298811
Ca_Kabuli_NC_021164.1_46945902	Ca_kabuli_chr05	46945902	[T/C]	1067298812
Ca_Kabuli_NC_021164.1_46962537	Ca_kabuli_chr05	46962537	[A/T]	1067298813
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Ca_Kabuli_NC_021164.1_47061536	Ca_kabuli_chr05	47061536	[A/G]	1067298817
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Ca_Kabuli_NC_021164.1_47073048	Ca_kabuli_chr05	47073048	[A/T]	1067298823
Ca_Kabuli_NC_021164.1_47073049	Ca_kabuli_chr05	47073049	[A/C]	1067298824
Ca_Kabuli_NC_021164.1_47073050	Ca_kabuli_chr05	47073050	[G/T]	1067298825
Ca_Kabuli_NC_021164.1_47091545	Ca_kabuli_chr05	47091545	[T/C]	1067298826
Ca_Kabuli_NC_021164.1_47165304	Ca_kabuli_chr05	47165304	[A/G]	1067298827
Ca_Kabuli_NC_021164.1_47165317	Ca_kabuli_chr05	47165317	[C/G]	1067298828
Ca_Kabuli_NC_021164.1_47165332	Ca_kabuli_chr05	47165332	[A/G]	1067298829
Ca_Kabuli_NC_021164.1_47165339	Ca_kabuli_chr05	47165339	[A/G]	1067298830



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_47211543	Ca_kabuli_chr05	47211543	[T/G]	1067298833
Ca_Kabuli_NC_021164.1_47211554	Ca_kabuli_chr05	47211554	[T/C]	1067298834
Ca_Kabuli_NC_021164.1_47223720	Ca_kabuli_chr05	47223720	[A/T]	1067298835
Ca_Kabuli_NC_021164.1_47286134	Ca_kabuli_chr05	47286134	[A/G]	1067298836
Ca_Kabuli_NC_021164.1_47286181	Ca_kabuli_chr05	47286181	[T/A]	1067298837
Ca_Kabuli_NC_021164.1_47329851	Ca_kabuli_chr05	47329851	[A/G]	1067298838
Ca_Kabuli_NC_021164.1_47329856	Ca_kabuli_chr05	47329856	[T/C]	1067298839
Ca_Kabuli_NC_021164.1_47357594	Ca_kabuli_chr05	47357594	[A/C]	1067298840
Ca_Kabuli_NC_021164.1_47364477	Ca_kabuli_chr05	47364477	[A/T]	1067298841
Ca_Kabuli_NC_021164.1_47364485	Ca_kabuli_chr05	47364485	[T/C]	1067298842
Ca_Kabuli_NC_021164.1_47364489	Ca_kabuli_chr05	47364489	[T/C]	1067298843
Ca_Kabuli_NC_021164.1_47422568	Ca_kabuli_chr05	47422568	[T/G]	1067298844
Ca_Kabuli_NC_021164.1_47534245	Ca_kabuli_chr05	47534245	[T/G]	1067298845
Ca_Kabuli_NC_021164.1_47534262	Ca_kabuli_chr05	47534262	[T/C]	1067298846
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Ca_Kabuli_NC_021164.1_47669173	Ca_kabuli_chr05	47669173	[T/A]	1067298852
Ca_Kabuli_NC_021164.1_47669226	Ca_kabuli_chr05	47669226	[A/C]	1067298853
Ca_Kabuli_NC_021164.1_47669247	Ca_kabuli_chr05	47669247	[A/G]	1067298854
Ca_Kabuli_NC_021164.1_47702984	Ca_kabuli_chr05	47702984	[T/G]	1067298855
Ca_Kabuli_NC_021164.1_47811985	Ca_kabuli_chr05	47811985	[T/G]	1067298856
Ca_Kabuli_NC_021164.1_47829224	Ca_kabuli_chr05	47829224	[T/C]	1067298857
Ca_Kabuli_NC_021164.1_47877158	Ca_kabuli_chr05	47877158	[A/C]	1067298858
Ca_Kabuli_NC_021164.1_47881979	Ca_kabuli_chr05	47881979	[A/C]	1067298859
Ca_Kabuli_NC_021164.1_47901038	Ca_kabuli_chr05	47901038	[A/C]	1067298860
Ca_Kabuli_NC_021164.1_47931558	Ca_kabuli_chr05	47931558	[A/C]	1067298861
Ca_Kabuli_NC_021164.1_47931564	Ca_kabuli_chr05	47931564	[A/C]	1067298862
Ca_Kabuli_NC_021164.1_47931577	Ca_kabuli_chr05	47931577	[A/G]	1067298863
Ca_Kabuli_NC_021164.1_47941753	Ca_kabuli_chr05	47941753	[T/G]	1067298864

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021164.1_47951932	Ca_kabuli_chr05	47951932	[T/A]	1067298866
Ca_Kabuli_NC_021164.1_48005082	Ca_kabuli_chr05	48005082	[T/C]	1067298867
Ca_Kabuli_NC_021164.1_48005102	Ca_kabuli_chr05	48005102	[A/G]	1067298868
Ca_Kabuli_NC_021164.1_48005110	Ca_kabuli_chr05	48005110	[T/C]	1067298869
Ca_Kabuli_NC_021164.1_48019807	Ca_kabuli_chr05	48019807	[A/T]	1067298870
Ca_Kabuli_NC_021164.1_48034090	Ca_kabuli_chr05	48034090	[A/C]	1067298871
Ca_Kabuli_NC_021164.1_48042058	Ca_kabuli_chr05	48042058	[A/G]	1067298872
Ca_Kabuli_NC_021164.1_48042065	Ca_kabuli_chr05	48042065	[T/A]	1067298873
Ca_Kabuli_NC_021164.1_48042067	Ca_kabuli_chr05	48042067	[T/C]	1067298874
Ca_Kabuli_NC_021164.1_48042089	Ca_kabuli_chr05	48042089	[A/C]	1067298875
Ca_Kabuli_NC_021164.1_48046828	Ca_kabuli_chr05	48046828	[A/G]	1067298876
Ca_Kabuli_NC_021164.1_48046847	Ca_kabuli_chr05	48046847	[A/G]	1067298877
Ca_Kabuli_NC_021164.1_48046855	Ca_kabuli_chr05	48046855	[A/G]	1067298878
Ca_Kabuli_NC_021164.1_48058414	Ca_kabuli_chr05	48058414	[T/G]	1067298879
Ca_Kabuli_NC_021164.1_48058423	Ca_kabuli_chr05	48058423	[T/C]	1067298880
Ca_Kabuli_NC_021164.1_48069859	Ca_kabuli_chr05	48069859	[A/G]	1067298881
Ca_Kabuli_NC_021164.1_48111894	Ca_kabuli_chr05	48111894	[G/T]	1067298882
Ca_Kabuli_NC_021164.1_48111896	Ca_kabuli_chr05	48111896	[T/G]	1067298883
Ca_Kabuli_NC_021164.1_48111922	Ca_kabuli_chr05	48111922	[T/C]	1067298884
Ca_Kabuli_NC_021164.1_48111930	Ca_kabuli_chr05	48111930	[A/G]	1067298885
Ca_Kabuli_NC_021164.1_48112820	Ca_kabuli_chr05	48112820	[T/G]	1067298886
Ca_Kabuli_NC_021164.1_48113397	Ca_kabuli_chr05	48113397	[A/T]	1067298887
Ca_Kabuli_NC_021164.1_48113417	Ca_kabuli_chr05	48113417	[A/C]	1067298888
Ca_Kabuli_NC_021164.1_48115101	Ca_kabuli_chr05	48115101	[T/A]	1067298889
Ca_Kabuli_NC_021164.1_48115165	Ca_kabuli_chr05	48115165	[A/G]	1067298890
Ca_Kabuli_NC_021164.1_48128396	Ca_kabuli_chr05	48128396	[T/G]	1067298891
Ca_Kabuli_NC_021165.1_152519	Ca_kabuli_chr06	152519	[T/G]	1067298892
Ca_Kabuli_NC_021165.1_152520	Ca_kabuli_chr06	152520	[G/C]	1067298893
Ca_Kabuli_NC_021165.1_152529	Ca_kabuli_chr06	152529	[T/C]	1067298894
Ca_Kabuli_NC_021165.1_158938	Ca_kabuli_chr06	158938	[T/A]	1067298895
Ca_Kabuli_NC_021165.1_210513	Ca_kabuli_chr06	210513	[T/C]	1067298896
Ca_Kabuli_NC_021165.1_210527	Ca_kabuli_chr06	210527	[T/A]	1067298897
Ca_Kabuli_NC_021165.1_269296	Ca_kabuli_chr06	269296	[A/G]	1067298898

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_504936	Ca_kabuli_chr06	504936	[A/G]	1067298901
Ca_Kabuli_NC_021165.1_580515	Ca_kabuli_chr06	580515	[T/C]	1067298902
Ca_Kabuli_NC_021165.1_580521	Ca_kabuli_chr06	580521	[A/G]	1067298903
Ca_Kabuli_NC_021165.1_587169	Ca_kabuli_chr06	587169	[T/G]	1067298904
Ca_Kabuli_NC_021165.1_587221	Ca_kabuli_chr06	587221	[A/C]	1067298905
Ca_Kabuli_NC_021165.1_587235	Ca_kabuli_chr06	587235	[T/A]	1067298906
Ca_Kabuli_NC_021165.1_587236	Ca_kabuli_chr06	587236	[A/T]	1067298907
Ca_Kabuli_NC_021165.1_587251	Ca_kabuli_chr06	587251	[A/G]	1067298908
Ca_Kabuli_NC_021165.1_587256	Ca_kabuli_chr06	587256	[T/C]	1067298909
Ca_Kabuli_NC_021165.1_611246	Ca_kabuli_chr06	611246	[T/C]	1067298910
Ca_Kabuli_NC_021165.1_611280	Ca_kabuli_chr06	611280	[T/C]	1067298911
Ca_Kabuli_NC_021165.1_611293	Ca_kabuli_chr06	611293	[A/C]	1067298912
Ca_Kabuli_NC_021165.1_611300	Ca_kabuli_chr06	611300	[T/C]	1067298913
Ca_Kabuli_NC_021165.1_638961	Ca_kabuli_chr06	638961	[T/G]	1067298914
Ca_Kabuli_NC_021165.1_647270	Ca_kabuli_chr06	647270	[T/A]	1067298915
Ca_Kabuli_NC_021165.1_647322	Ca_kabuli_chr06	647322	[A/C]	1067298916
Ca_Kabuli_NC_021165.1_647329	Ca_kabuli_chr06	647329	[A/C]	1067298917
Ca_Kabuli_NC_021165.1_894893	Ca_kabuli_chr06	894893	[T/C]	1067298918
Ca_Kabuli_NC_021165.1_902445	Ca_kabuli_chr06	902445	[A/G]	1067298919
Ca_Kabuli_NC_021165.1_902495	Ca_kabuli_chr06	902495	[A/T]	1067298920
Ca_Kabuli_NC_021165.1_915496	Ca_kabuli_chr06	915496	[A/C]	1067298921
Ca_Kabuli_NC_021165.1_998581	Ca_kabuli_chr06	998581	[T/C]	1067298922
Ca_Kabuli_NC_021165.1_998582	Ca_kabuli_chr06	998582	[C/G]	1067298923
Ca_Kabuli_NC_021165.1_998583	Ca_kabuli_chr06	998583	[T/G]	1067298924
Ca_Kabuli_NC_021165.1_1005273	Ca_kabuli_chr06	1005273	[C/G]	1067298925
Ca_Kabuli_NC_021165.1_1116951	Ca_kabuli_chr06	1116951	[T/G]	1067298926
Ca_Kabuli_NC_021165.1_1117010	Ca_kabuli_chr06	1117010	[A/C]	1067298927
Ca_Kabuli_NC_021165.1_1130098	Ca_kabuli_chr06	1130098	[A/G]	1067298928
Ca_Kabuli_NC_021165.1_1181733	Ca_kabuli_chr06	1181733	[A/C]	1067298929
Ca_Kabuli_NC_021165.1_1181739	Ca_kabuli_chr06	1181739	[A/G]	1067298930
Ca_Kabuli_NC_021165.1_1193776	Ca_kabuli_chr06	1193776	[T/G]	1067298931
Ca_Kabuli_NC_021165.1_1212875	Ca_kabuli_chr06	1212875	[T/G]	1067298932

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_1236070	Ca_kabuli_chr06	1236070	[T/C]	1067298935
Ca_Kabuli_NC_021165.1_1236107	Ca_kabuli_chr06	1236107	[T/C]	1067298936
Ca_Kabuli_NC_021165.1_1236129	Ca_kabuli_chr06	1236129	[A/G]	1067298937
Ca_Kabuli_NC_021165.1_1236136	Ca_kabuli_chr06	1236136	[A/C]	1067298938
Ca_Kabuli_NC_021165.1_1274668	Ca_kabuli_chr06	1274668	[A/G]	1067298939
Ca_Kabuli_NC_021165.1_1276388	Ca_kabuli_chr06	1276388	[A/T]	1067298940
Ca_Kabuli_NC_021165.1_1362497	Ca_kabuli_chr06	1362497	[G/A]	1067298941
Ca_Kabuli_NC_021165.1_1362520	Ca_kabuli_chr06	1362520	[T/A]	1067298942
Ca_Kabuli_NC_021165.1_1362535	Ca_kabuli_chr06	1362535	[A/G]	1067298943
Ca_Kabuli_NC_021165.1_1643856	Ca_kabuli_chr06	1643856	[T/G]	1067298944
Ca_Kabuli_NC_021165.1_1643874	Ca_kabuli_chr06	1643874	[A/G]	1067298945
Ca_Kabuli_NC_021165.1_1811162	Ca_kabuli_chr06	1811162	[G/A]	1067298946
Ca_Kabuli_NC_021165.1_1811671	Ca_kabuli_chr06	1811671	[A/C]	1067298947
Ca_Kabuli_NC_021165.1_1815245	Ca_kabuli_chr06	1815245	[C/T]	1067298948
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Ca_Kabuli_NC_021165.1_1817599	Ca_kabuli_chr06	1817599	[C/T]	1067298950
Ca_Kabuli_NC_021165.1_1817774	Ca_kabuli_chr06	1817774	[A/G]	1067298951
Ca_Kabuli_NC_021165.1_1817775	Ca_kabuli_chr06	1817775	[G/A]	1067298952
Ca_Kabuli_NC_021165.1_1817776	Ca_kabuli_chr06	1817776	[A/G]	1067298953
Ca_Kabuli_NC_021165.1_1817786	Ca_kabuli_chr06	1817786	[A/G]	1067298954
Ca_Kabuli_NC_021165.1_1818234	Ca_kabuli_chr06	1818234	[C/T]	1067298955
Ca_Kabuli_NC_021165.1_1843341	Ca_kabuli_chr06	1843341	[G/A]	1067298956
Ca_Kabuli_NC_021165.1_1843376	Ca_kabuli_chr06	1843376	[C/T]	1067298957
Ca_Kabuli_NC_021165.1_1867519	Ca_kabuli_chr06	1867519	[A/T]	1067298958
Ca_Kabuli_NC_021165.1_1867530	Ca_kabuli_chr06	1867530	[A/T]	1067298959
Ca_Kabuli_NC_021165.1_1979887	Ca_kabuli_chr06	1979887	[G/T]	1067298960
Ca_Kabuli_NC_021165.1_2001887	Ca_kabuli_chr06	2001887	[T/C]	1067298961
Ca_Kabuli_NC_021165.1_2001898	Ca_kabuli_chr06	2001898	[C/T]	1067298962
Ca_Kabuli_NC_021165.1_2001909	Ca_kabuli_chr06	2001909	[T/G]	1067298963
Ca_Kabuli_NC_021165.1_2001921	Ca_kabuli_chr06	2001921	[A/G]	1067298964
Ca_Kabuli_NC_021165.1_2001925	Ca_kabuli_chr06	2001925	[A/G]	1067298965
Ca_Kabuli_NC_021165.1_2001933	Ca_kabuli_chr06	2001933	[T/G]	1067298966

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_2079137	Ca_kabuli_chr06	2079137	[T/G]	1067298970
Ca_Kabuli_NC_021165.1_2140393	Ca_kabuli_chr06	2140393	[A/T]	1067298971
Ca_Kabuli_NC_021165.1_2140399	Ca_kabuli_chr06	2140399	[T/C]	1067298972
Ca_Kabuli_NC_021165.1_2140403	Ca_kabuli_chr06	2140403	[A/G]	1067298973
Ca_Kabuli_NC_021165.1_2156740	Ca_kabuli_chr06	2156740	[T/G]	1067298974
Ca_Kabuli_NC_021165.1_2171761	Ca_kabuli_chr06	2171761	[T/G]	1067298975
Ca_Kabuli_NC_021165.1_2172210	Ca_kabuli_chr06	2172210	[T/G]	1067298976
Ca_Kabuli_NC_021165.1_2172258	Ca_kabuli_chr06	2172258	[A/G]	1067298977
Ca_Kabuli_NC_021165.1_2175751	Ca_kabuli_chr06	2175751	[T/G]	1067298978
Ca_Kabuli_NC_021165.1_2175766	Ca_kabuli_chr06	2175766	[A/C]	1067298979
Ca_Kabuli_NC_021165.1_2175768	Ca_kabuli_chr06	2175768	[A/C]	1067298980
Ca_Kabuli_NC_021165.1_2244901	Ca_kabuli_chr06	2244901	[A/C]	1067298981
Ca_Kabuli_NC_021165.1_2286209	Ca_kabuli_chr06	2286209	[A/T]	1067298982
Ca_Kabuli_NC_021165.1_2286237	Ca_kabuli_chr06	2286237	[C/T]	1067298983
Ca_Kabuli_NC_021165.1_2299629	Ca_kabuli_chr06	2299629	[A/C]	1067298984
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Ca_Kabuli_NC_021165.1_2327832	Ca_kabuli_chr06	2327832	[A/G]	1067298987
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Ca_Kabuli_NC_021165.1_2484322	Ca_kabuli_chr06	2484322	[T/A]	1067298992
Ca_Kabuli_NC_021165.1_2484342	Ca_kabuli_chr06	2484342	[A/C]	1067298993
Ca_Kabuli_NC_021165.1_2527768	Ca_kabuli_chr06	2527768	[A/G]	1067298994
Ca_Kabuli_NC_021165.1_2540711	Ca_kabuli_chr06	2540711	[C/T]	1067298995
Ca_Kabuli_NC_021165.1_2540749	Ca_kabuli_chr06	2540749	[C/T]	1067298996
Ca_Kabuli_NC_021165.1_2541088	Ca_kabuli_chr06	2541088	[T/A]	1067298997
Ca_Kabuli_NC_021165.1_2542942	Ca_kabuli_chr06	2542942	[T/A]	1067298998
Ca_Kabuli_NC_021165.1_2542981	Ca_kabuli_chr06	2542981	[C/T]	1067298999
Ca_Kabuli_NC_021165.1_2543096	Ca_kabuli_chr06	2543096	[C/T]	1067299000

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_2550101	Ca_kabuli_chr06	2550101	[T/G]	1067299003
Ca_Kabuli_NC_021165.1_2592593	Ca_kabuli_chr06	2592593	[G/A]	1067299004
Ca_Kabuli_NC_021165.1_2592607	Ca_kabuli_chr06	2592607	[T/G]	1067299005
Ca_Kabuli_NC_021165.1_2592625	Ca_kabuli_chr06	2592625	[T/A]	1067299006
Ca_Kabuli_NC_021165.1_2604913	Ca_kabuli_chr06	2604913	[T/G]	1067299007
Ca_Kabuli_NC_021165.1_2604933	Ca_kabuli_chr06	2604933	[A/G]	1067299008
Ca_Kabuli_NC_021165.1_2623360	Ca_kabuli_chr06	2623360	[T/C]	1067299009
Ca_Kabuli_NC_021165.1_2636832	Ca_kabuli_chr06	2636832	[T/G]	1067299010
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Ca_Kabuli_NC_021165.1_2719217	Ca_kabuli_chr06	2719217	[T/A]	1067299014
Ca_Kabuli_NC_021165.1_2740777	Ca_kabuli_chr06	2740777	[A/T]	1067299015
Ca_Kabuli_NC_021165.1_2740885	Ca_kabuli_chr06	2740885	[A/C]	1067299016
Ca_Kabuli_NC_021165.1_2802938	Ca_kabuli_chr06	2802938	[A/G]	1067299017
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Ca_Kabuli_NC_021165.1_2927253	Ca_kabuli_chr06	2927253	[A/C]	1067299028
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Ca_Kabuli_NC_021165.1_2927328	Ca_kabuli_chr06	2927328	[T/G]	1067299030
Ca_Kabuli_NC_021165.1_2927361	Ca_kabuli_chr06	2927361	[T/G]	1067299031
Ca_Kabuli_NC_021165.1_2927391	Ca_kabuli_chr06	2927391	[A/G]	1067299032
Ca_Kabuli_NC_021165.1_2929405	Ca_kabuli_chr06	2929405	[A/C]	1067299033
Ca_Kabuli_NC_021165.1_2930419	Ca_kabuli_chr06	2930419	[T/C]	1067299034

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_2930460	Ca_kabuli_chr06	2930460	[A/C]	1067299035
Ca_Kabuli_NC_021165.1_2930493	Ca_kabuli_chr06	2930493	[A/G]	1067299036
Ca_Kabuli_NC_021165.1_2930510	Ca_kabuli_chr06	2930510	[A/C]	1067299037
Ca_Kabuli_NC_021165.1_2930542	Ca_kabuli_chr06	2930542	[A/C]	1067299038
Ca_Kabuli_NC_021165.1_2931289	Ca_kabuli_chr06	2931289	[T/G]	1067299039
Ca_Kabuli_NC_021165.1_2931314	Ca_kabuli_chr06	2931314	[T/C]	1067299040
Ca_Kabuli_NC_021165.1_2931329	Ca_kabuli_chr06	2931329	[A/G]	1067299041
Ca_Kabuli_NC_021165.1_2973756	Ca_kabuli_chr06	2973756	[A/C]	1067299042
Ca_Kabuli_NC_021165.1_2973759	Ca_kabuli_chr06	2973759	[T/C]	1067299043
Ca_Kabuli_NC_021165.1_3213956	Ca_kabuli_chr06	3213956	[T/G]	1067299044
Ca_Kabuli_NC_021165.1_3213966	Ca_kabuli_chr06	3213966	[T/G]	1067299045
Ca_Kabuli_NC_021165.1_3213987	Ca_kabuli_chr06	3213987	[T/C]	1067299046
Ca_Kabuli_NC_021165.1_3273804	Ca_kabuli_chr06	3273804	[T/C]	1067299047
Ca_Kabuli_NC_021165.1_3273842	Ca_kabuli_chr06	3273842	[T/G]	1067299048
Ca_Kabuli_NC_021165.1_3276789	Ca_kabuli_chr06	3276789	[A/T]	1067299049
Ca_Kabuli_NC_021165.1_3280601	Ca_kabuli_chr06	3280601	[A/T]	1067299050
Ca_Kabuli_NC_021165.1_3288447	Ca_kabuli_chr06	3288447	[G/T]	1067299051
Ca_Kabuli_NC_021165.1_3288458	Ca_kabuli_chr06	3288458	[A/C]	1067299052
Ca_Kabuli_NC_021165.1_3288466	Ca_kabuli_chr06	3288466	[C/A]	1067299053
Ca_Kabuli_NC_021165.1_3288468	Ca_kabuli_chr06	3288468	[T/C]	1067299054
Ca_Kabuli_NC_021165.1_3288474	Ca_kabuli_chr06	3288474	[T/C]	1067299055
Ca_Kabuli_NC_021165.1_3288483	Ca_kabuli_chr06	3288483	[T/C]	1067299056
Ca_Kabuli_NC_021165.1_3288487	Ca_kabuli_chr06	3288487	[T/C]	1067299057
Ca_Kabuli_NC_021165.1_3288489	Ca_kabuli_chr06	3288489	[G/C]	1067299058
Ca_Kabuli_NC_021165.1_3288496	Ca_kabuli_chr06	3288496	[G/A]	1067299059
Ca_Kabuli_NC_021165.1_3321597	Ca_kabuli_chr06	3321597	[T/A]	1067299060
Ca_Kabuli_NC_021165.1_3321738	Ca_kabuli_chr06	3321738	[A/C]	1067299061
Ca_Kabuli_NC_021165.1_3394747	Ca_kabuli_chr06	3394747	[T/C]	1067299062
Ca_Kabuli_NC_021165.1_3394774	Ca_kabuli_chr06	3394774	[C/T]	1067299063
Ca_Kabuli_NC_021165.1_3394784	Ca_kabuli_chr06	3394784	[C/G]	1067299064
Ca_Kabuli_NC_021165.1_3394876	Ca_kabuli_chr06	3394876	[G/A]	1067299065
Ca_Kabuli_NC_021165.1_3394898	Ca_kabuli_chr06	3394898	[T/A]	1067299066
Ca_Kabuli_NC_021165.1_3394908	Ca_kabuli_chr06	3394908	[G/T]	1067299067
Ca_Kabuli_NC_021165.1_3394921	Ca_kabuli_chr06	3394921	[A/G]	1067299068

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_3396791	Ca_kabuli_chr06	3396791	[T/C]	1067299069
Ca_Kabuli_NC_021165.1_3396803	Ca_kabuli_chr06	3396803	[A/C]	1067299070
Ca_Kabuli_NC_021165.1_3396810	Ca_kabuli_chr06	3396810	[A/G]	1067299071
Ca_Kabuli_NC_021165.1_3396813	Ca_kabuli_chr06	3396813	[T/C]	1067299072
Ca_Kabuli_NC_021165.1_3507742	Ca_kabuli_chr06	3507742	[A/C]	1067299073
Ca_Kabuli_NC_021165.1_3654778	Ca_kabuli_chr06	3654778	[A/G]	1067299074
Ca_Kabuli_NC_021165.1_3654789	Ca_kabuli_chr06	3654789	[A/G]	1067299075
Ca_Kabuli_NC_021165.1_3720789	Ca_kabuli_chr06	3720789	[A/G]	1067299076
Ca_Kabuli_NC_021165.1_3722816	Ca_kabuli_chr06	3722816	[A/G]	1067299077
Ca_Kabuli_NC_021165.1_3722829	Ca_kabuli_chr06	3722829	[T/C]	1067299078
Ca_Kabuli_NC_021165.1_3722840	Ca_kabuli_chr06	3722840	[T/G]	1067299079
Ca_Kabuli_NC_021165.1_3733800	Ca_kabuli_chr06	3733800	[T/G]	1067299080
Ca_Kabuli_NC_021165.1_3733808	Ca_kabuli_chr06	3733808	[A/G]	1067299081
Ca_Kabuli_NC_021165.1_3733812	Ca_kabuli_chr06	3733812	[A/C]	1067299082
Ca_Kabuli_NC_021165.1_3745388	Ca_kabuli_chr06	3745388	[A/C]	1067299083
Ca_Kabuli_NC_021165.1_3761493	Ca_kabuli_chr06	3761493	[A/G]	1067299084
Ca_Kabuli_NC_021165.1_3765131	Ca_kabuli_chr06	3765131	[T/G]	1067299085
Ca_Kabuli_NC_021165.1_3786815	Ca_kabuli_chr06	3786815	[A/T]	1067299086
Ca_Kabuli_NC_021165.1_3787086	Ca_kabuli_chr06	3787086	[T/C]	1067299087
Ca_Kabuli_NC_021165.1_3803660	Ca_kabuli_chr06	3803660	[T/C]	1067299088
Ca_Kabuli_NC_021165.1_3803672	Ca_kabuli_chr06	3803672	[A/T]	1067299089
Ca_Kabuli_NC_021165.1_3803776	Ca_kabuli_chr06	3803776	[G/T]	1067299090
Ca_Kabuli_NC_021165.1_3803788	Ca_kabuli_chr06	3803788	[A/C]	1067299091
Ca_Kabuli_NC_021165.1_3803791	Ca_kabuli_chr06	3803791	[A/G]	1067299092
Ca_Kabuli_NC_021165.1_3803817	Ca_kabuli_chr06	3803817	[T/G]	1067299093
Ca_Kabuli_NC_021165.1_3829022	Ca_kabuli_chr06	3829022	[T/G]	1067299094
Ca_Kabuli_NC_021165.1_3829043	Ca_kabuli_chr06	3829043	[A/T]	1067299095
Ca_Kabuli_NC_021165.1_3960991	Ca_kabuli_chr06	3960991	[T/G]	1067299096
Ca_Kabuli_NC_021165.1_3962394	Ca_kabuli_chr06	3962394	[T/G]	1067299097
Ca_Kabuli_NC_021165.1_3962416	Ca_kabuli_chr06	3962416	[A/C]	1067299098
Ca_Kabuli_NC_021165.1_3962420	Ca_kabuli_chr06	3962420	[A/C]	1067299099
Ca_Kabuli_NC_021165.1_3962444	Ca_kabuli_chr06	3962444	[A/C]	1067299100
Ca_Kabuli_NC_021165.1_3962488	Ca_kabuli_chr06	3962488	[A/T]	1067299101
Ca_Kabuli_NC_021165.1_3965379	Ca_kabuli_chr06	3965379	[A/G]	1067299102



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_3965381	Ca_kabuli_chr06	3965381	[A/G]	1067299104
Ca_Kabuli_NC_021165.1_3965383	Ca_kabuli_chr06	3965383	[A/G]	1067299105
Ca_Kabuli_NC_021165.1_3965384	Ca_kabuli_chr06	3965384	[T/C]	1067299106
Ca_Kabuli_NC_021165.1_3965411	Ca_kabuli_chr06	3965411	[A/G]	1067299107
Ca_Kabuli_NC_021165.1_3965412	Ca_kabuli_chr06	3965412	[T/C]	1067299108
Ca_Kabuli_NC_021165.1_3965414	Ca_kabuli_chr06	3965414	[T/C]	1067299109
Ca_Kabuli_NC_021165.1_3965416	Ca_kabuli_chr06	3965416	[A/G]	1067299110
Ca_Kabuli_NC_021165.1_3985519	Ca_kabuli_chr06	3985519	[A/G]	1067299111
Ca_Kabuli_NC_021165.1_3990963	Ca_kabuli_chr06	3990963	[A/G]	1067299112
Ca_Kabuli_NC_021165.1_3992451	Ca_kabuli_chr06	3992451	[T/G]	1067299113
Ca_Kabuli_NC_021165.1_3992500	Ca_kabuli_chr06	3992500	[A/T]	1067299114
Ca_Kabuli_NC_021165.1_4093800	Ca_kabuli_chr06	4093800	[A/G]	1067299115
Ca_Kabuli_NC_021165.1_4120753	Ca_kabuli_chr06	4120753	[T/A]	1067299116
Ca_Kabuli_NC_021165.1_4120766	Ca_kabuli_chr06	4120766	[G/A]	1067299117
Ca_Kabuli_NC_021165.1_4120769	Ca_kabuli_chr06	4120769	[T/G]	1067299118
Ca_Kabuli_NC_021165.1_4216726	Ca_kabuli_chr06	4216726	[A/T]	1067299119
Ca_Kabuli_NC_021165.1_4348586	Ca_kabuli_chr06	4348586	[T/C]	1067299120
Ca_Kabuli_NC_021165.1_4348610	Ca_kabuli_chr06	4348610	[A/C]	1067299121
Ca_Kabuli_NC_021165.1_4350822	Ca_kabuli_chr06	4350822	[A/C]	1067299122
Ca_Kabuli_NC_021165.1_4362848	Ca_kabuli_chr06	4362848	[T/C]	1067299123
Ca_Kabuli_NC_021165.1_4362850	Ca_kabuli_chr06	4362850	[A/C]	1067299124
Ca_Kabuli_NC_021165.1_4362860	Ca_kabuli_chr06	4362860	[T/C]	1067299125
Ca_Kabuli_NC_021165.1_4487606	Ca_kabuli_chr06	4487606	[T/G]	1067299126
Ca_Kabuli_NC_021165.1_4496565	Ca_kabuli_chr06	4496565	[T/G]	1067299127
Ca_Kabuli_NC_021165.1_4496725	Ca_kabuli_chr06	4496725	[T/C]	1067299128
Ca_Kabuli_NC_021165.1_4508927	Ca_kabuli_chr06	4508927	[T/C]	1067299129
Ca_Kabuli_NC_021165.1_4508962	Ca_kabuli_chr06	4508962	[T/C]	1067299130
Ca_Kabuli_NC_021165.1_4510074	Ca_kabuli_chr06	4510074	[A/T]	1067299131
Ca_Kabuli_NC_021165.1_4520531	Ca_kabuli_chr06	4520531	[A/G]	1067299132
Ca_Kabuli_NC_021165.1_4525125	Ca_kabuli_chr06	4525125	[T/C]	1067299133
Ca_Kabuli_NC_021165.1_4562151	Ca_kabuli_chr06	4562151	[T/A]	1067299134
Ca_Kabuli_NC_021165.1_4562172	Ca_kabuli_chr06	4562172	[A/G]	1067299135
Ca_Kabuli_NC_021165.1_4562174	Ca_kabuli_chr06	4562174	[A/G]	1067299136

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_4562186	Ca_kabuli_chr06	4562186	[G/A]	1067299138
Ca_Kabuli_NC_021165.1_4576344	Ca_kabuli_chr06	4576344	[A/C]	1067299139
Ca_Kabuli_NC_021165.1_4576371	Ca_kabuli_chr06	4576371	[T/G]	1067299140
Ca_Kabuli_NC_021165.1_4593905	Ca_kabuli_chr06	4593905	[T/A]	1067299141
Ca_Kabuli_NC_021165.1_4593921	Ca_kabuli_chr06	4593921	[T/A]	1067299142
Ca_Kabuli_NC_021165.1_4593930	Ca_kabuli_chr06	4593930	[T/G]	1067299143
Ca_Kabuli_NC_021165.1_4658996	Ca_kabuli_chr06	4658996	[T/G]	1067299144
Ca_Kabuli_NC_021165.1_4659002	Ca_kabuli_chr06	4659002	[C/T]	1067299145
Ca_Kabuli_NC_021165.1_4659008	Ca_kabuli_chr06	4659008	[G/T]	1067299146
Ca_Kabuli_NC_021165.1_4678491	Ca_kabuli_chr06	4678491	[T/C]	1067299147
Ca_Kabuli_NC_021165.1_4678502	Ca_kabuli_chr06	4678502	[A/G]	1067299148
Ca_Kabuli_NC_021165.1_4678942	Ca_kabuli_chr06	4678942	[T/G]	1067299149
Ca_Kabuli_NC_021165.1_4678947	Ca_kabuli_chr06	4678947	[T/G]	1067299150
Ca_Kabuli_NC_021165.1_4726103	Ca_kabuli_chr06	4726103	[A/C]	1067299151
Ca_Kabuli_NC_021165.1_4804666	Ca_kabuli_chr06	4804666	[T/C]	1067299152
Ca_Kabuli_NC_021165.1_4807163	Ca_kabuli_chr06	4807163	[T/C]	1067299153
Ca_Kabuli_NC_021165.1_4807166	Ca_kabuli_chr06	4807166	[T/G]	1067299154
Ca_Kabuli_NC_021165.1_4807194	Ca_kabuli_chr06	4807194	[T/A]	1067299155
Ca_Kabuli_NC_021165.1_4807215	Ca_kabuli_chr06	4807215	[A/G]	1067299156
Ca_Kabuli_NC_021165.1_4898411	Ca_kabuli_chr06	4898411	[T/G]	1067299157
Ca_Kabuli_NC_021165.1_4979994	Ca_kabuli_chr06	4979994	[T/G]	1067299158
Ca_Kabuli_NC_021165.1_4980479	Ca_kabuli_chr06	4980479	[T/C]	1067299159
Ca_Kabuli_NC_021165.1_4980518	Ca_kabuli_chr06	4980518	[A/G]	1067299160
Ca_Kabuli_NC_021165.1_4994824	Ca_kabuli_chr06	4994824	[A/C]	1067299161
Ca_Kabuli_NC_021165.1_4994825	Ca_kabuli_chr06	4994825	[T/G]	1067299162
Ca_Kabuli_NC_021165.1_4994827	Ca_kabuli_chr06	4994827	[A/T]	1067299163
Ca_Kabuli_NC_021165.1_4994828	Ca_kabuli_chr06	4994828	[T/C]	1067299164
Ca_Kabuli_NC_021165.1_4994829	Ca_kabuli_chr06	4994829	[G/T]	1067299165
Ca_Kabuli_NC_021165.1_4994876	Ca_kabuli_chr06	4994876	[T/A]	1067299166
Ca_Kabuli_NC_021165.1_4996586	Ca_kabuli_chr06	4996586	[T/C]	1067299167
Ca_Kabuli_NC_021165.1_5024302	Ca_kabuli_chr06	5024302	[G/T]	1067299168
Ca_Kabuli_NC_021165.1_5185380	Ca_kabuli_chr06	5185380	[A/G]	1067299169
Ca_Kabuli_NC_021165.1_5189488	Ca_kabuli_chr06	5189488	[A/G]	1067299170

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_5338765	Ca_kabuli_chr06	5338765	[T/C]	1067299172
Ca_Kabuli_NC_021165.1_5341298	Ca_kabuli_chr06	5341298	[T/C]	1067299173
Ca_Kabuli_NC_021165.1_5341300	Ca_kabuli_chr06	5341300	[A/C]	1067299174
Ca_Kabuli_NC_021165.1_5341307	Ca_kabuli_chr06	5341307	[T/G]	1067299175
Ca_Kabuli_NC_021165.1_5366182	Ca_kabuli_chr06	5366182	[A/C]	1067299176
Ca_Kabuli_NC_021165.1_5392089	Ca_kabuli_chr06	5392089	[T/G]	1067299177
Ca_Kabuli_NC_021165.1_5392115	Ca_kabuli_chr06	5392115	[A/G]	1067299178
Ca_Kabuli_NC_021165.1_5392208	Ca_kabuli_chr06	5392208	[T/G]	1067299179
Ca_Kabuli_NC_021165.1_5396422	Ca_kabuli_chr06	5396422	[A/G]	1067299180
Ca_Kabuli_NC_021165.1_5396432	Ca_kabuli_chr06	5396432	[T/G]	1067299181
Ca_Kabuli_NC_021165.1_5396461	Ca_kabuli_chr06	5396461	[T/A]	1067299182
Ca_Kabuli_NC_021165.1_5396481	Ca_kabuli_chr06	5396481	[T/A]	1067299183
Ca_Kabuli_NC_021165.1_5396888	Ca_kabuli_chr06	5396888	[T/G]	1067299184
Ca_Kabuli_NC_021165.1_5396890	Ca_kabuli_chr06	5396890	[T/G]	1067299185
Ca_Kabuli_NC_021165.1_5396905	Ca_kabuli_chr06	5396905	[C/T]	1067299186
Ca_Kabuli_NC_021165.1_5401573	Ca_kabuli_chr06	5401573	[A/C]	1067299187
Ca_Kabuli_NC_021165.1_5401607	Ca_kabuli_chr06	5401607	[T/G]	1067299188
Ca_Kabuli_NC_021165.1_5401618	Ca_kabuli_chr06	5401618	[A/G]	1067299189
Ca_Kabuli_NC_021165.1_5492542	Ca_kabuli_chr06	5492542	[A/C]	1067299190
Ca_Kabuli_NC_021165.1_5492552	Ca_kabuli_chr06	5492552	[A/T]	1067299191
Ca_Kabuli_NC_021165.1_5497981	Ca_kabuli_chr06	5497981	[G/A]	1067299192
Ca_Kabuli_NC_021165.1_5497982	Ca_kabuli_chr06	5497982	[A/T]	1067299193
Ca_Kabuli_NC_021165.1_5497983	Ca_kabuli_chr06	5497983	[A/C]	1067299194
Ca_Kabuli_NC_021165.1_5497984	Ca_kabuli_chr06	5497984	[G/T]	1067299195
Ca_Kabuli_NC_021165.1_5498794	Ca_kabuli_chr06	5498794	[T/A]	1067299196
Ca_Kabuli_NC_021165.1_5498820	Ca_kabuli_chr06	5498820	[A/G]	1067299197
Ca_Kabuli_NC_021165.1_5498831	Ca_kabuli_chr06	5498831	[T/G]	1067299198
Ca_Kabuli_NC_021165.1_5498896	Ca_kabuli_chr06	5498896	[A/C]	1067299199
Ca_Kabuli_NC_021165.1_5508581	Ca_kabuli_chr06	5508581	[A/C]	1067299200
Ca_Kabuli_NC_021165.1_5508582	Ca_kabuli_chr06	5508582	[G/T]	1067299201
Ca_Kabuli_NC_021165.1_5508583	Ca_kabuli_chr06	5508583	[A/C]	1067299202
Ca_Kabuli_NC_021165.1_5508586	Ca_kabuli_chr06	5508586	[G/T]	1067299203
Ca_Kabuli_NC_021165.1_5533491	Ca_kabuli_chr06	5533491	[T/G]	1067299204

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_5534436	Ca_kabuli_chr06	5534436	[A/C]	1067299205
Ca_Kabuli_NC_021165.1_5566408	Ca_kabuli_chr06	5566408	[A/G]	1067299206
Ca_Kabuli_NC_021165.1_5566434	Ca_kabuli_chr06	5566434	[A/G]	1067299207
Ca_Kabuli_NC_021165.1_5566468	Ca_kabuli_chr06	5566468	[A/G]	1067299208
Ca_Kabuli_NC_021165.1_5566480	Ca_kabuli_chr06	5566480	[T/C]	1067299209
Ca_Kabuli_NC_021165.1_5567391	Ca_kabuli_chr06	5567391	[A/G]	1067299210
Ca_Kabuli_NC_021165.1_5567393	Ca_kabuli_chr06	5567393	[A/G]	1067299211
Ca_Kabuli_NC_021165.1_5567396	Ca_kabuli_chr06	5567396	[T/G]	1067299212
Ca_Kabuli_NC_021165.1_5567688	Ca_kabuli_chr06	5567688	[T/G]	1067299213
Ca_Kabuli_NC_021165.1_5590003	Ca_kabuli_chr06	5590003	[T/C]	1067299214
Ca_Kabuli_NC_021165.1_5590085	Ca_kabuli_chr06	5590085	[A/G]	1067299215
Ca_Kabuli_NC_021165.1_5628956	Ca_kabuli_chr06	5628956	[T/G]	1067299216
Ca_Kabuli_NC_021165.1_5694428	Ca_kabuli_chr06	5694428	[T/G]	1067299217
Ca_Kabuli_NC_021165.1_5702553	Ca_kabuli_chr06	5702553	[A/C]	1067299218
Ca_Kabuli_NC_021165.1_5702554	Ca_kabuli_chr06	5702554	[C/A]	1067299219
Ca_Kabuli_NC_021165.1_5725111	Ca_kabuli_chr06	5725111	[A/C]	1067299220
Ca_Kabuli_NC_021165.1_5745485	Ca_kabuli_chr06	5745485	[T/A]	1067299221
Ca_Kabuli_NC_021165.1_5745495	Ca_kabuli_chr06	5745495	[A/C]	1067299222
Ca_Kabuli_NC_021165.1_5745527	Ca_kabuli_chr06	5745527	[T/C]	1067299223
Ca_Kabuli_NC_021165.1_5871503	Ca_kabuli_chr06	5871503	[C/A]	1067299224
Ca_Kabuli_NC_021165.1_6028793	Ca_kabuli_chr06	6028793	[T/G]	1067299225
Ca_Kabuli_NC_021165.1_6028806	Ca_kabuli_chr06	6028806	[A/C]	1067299226
Ca_Kabuli_NC_021165.1_6028837	Ca_kabuli_chr06	6028837	[A/T]	1067299227
Ca_Kabuli_NC_021165.1_6092493	Ca_kabuli_chr06	6092493	[A/C]	1067299228
Ca_Kabuli_NC_021165.1_6119560	Ca_kabuli_chr06	6119560	[A/G]	1067299229
Ca_Kabuli_NC_021165.1_6169085	Ca_kabuli_chr06	6169085	[T/C]	1067299230
Ca_Kabuli_NC_021165.1_6227880	Ca_kabuli_chr06	6227880	[T/G]	1067299231
Ca_Kabuli_NC_021165.1_6240817	Ca_kabuli_chr06	6240817	[T/G]	1067299232
Ca_Kabuli_NC_021165.1_6248218	Ca_kabuli_chr06	6248218	[G/A]	1067299233
Ca_Kabuli_NC_021165.1_6248221	Ca_kabuli_chr06	6248221	[T/A]	1067299234
Ca_Kabuli_NC_021165.1_6259498	Ca_kabuli_chr06	6259498	[T/G]	1067299235
Ca_Kabuli_NC_021165.1_6260546	Ca_kabuli_chr06	6260546	[T/C]	1067299236
Ca_Kabuli_NC_021165.1_6444243	Ca_kabuli_chr06	6444243	[G/A]	1067299237
Ca_Kabuli_NC_021165.1_6444250	Ca_kabuli_chr06	6444250	[G/A]	1067299238

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_6538136	Ca_kabuli_chr06	6538136	[T/C]	1067299240
Ca_Kabuli_NC_021165.1_6538159	Ca_kabuli_chr06	6538159	[A/T]	1067299241
Ca_Kabuli_NC_021165.1_6604682	Ca_kabuli_chr06	6604682	[A/G]	1067299242
Ca_Kabuli_NC_021165.1_6604812	Ca_kabuli_chr06	6604812	[T/C]	1067299243
Ca_Kabuli_NC_021165.1_6604850	Ca_kabuli_chr06	6604850	[T/G]	1067299244
Ca_Kabuli_NC_021165.1_6607771	Ca_kabuli_chr06	6607771	[T/C]	1067299245
Ca_Kabuli_NC_021165.1_6607781	Ca_kabuli_chr06	6607781	[A/G]	1067299246
Ca_Kabuli_NC_021165.1_6607784	Ca_kabuli_chr06	6607784	[A/G]	1067299247
Ca_Kabuli_NC_021165.1_6607809	Ca_kabuli_chr06	6607809	[T/C]	1067299248
Ca_Kabuli_NC_021165.1_6607829	Ca_kabuli_chr06	6607829	[T/C]	1067299249
Ca_Kabuli_NC_021165.1_6607831	Ca_kabuli_chr06	6607831	[A/G]	1067299250
Ca_Kabuli_NC_021165.1_6617106	Ca_kabuli_chr06	6617106	[T/C]	1067299251
Ca_Kabuli_NC_021165.1_6631245	Ca_kabuli_chr06	6631245	[A/G]	1067299252
Ca_Kabuli_NC_021165.1_6654880	Ca_kabuli_chr06	6654880	[T/G]	1067299253
Ca_Kabuli_NC_021165.1_6654975	Ca_kabuli_chr06	6654975	[A/T]	1067299254
Ca_Kabuli_NC_021165.1_6654977	Ca_kabuli_chr06	6654977	[A/C]	1067299255
Ca_Kabuli_NC_021165.1_6684780	Ca_kabuli_chr06	6684780	[T/C]	1067299256
Ca_Kabuli_NC_021165.1_6684814	Ca_kabuli_chr06	6684814	[T/C]	1067299257
Ca_Kabuli_NC_021165.1_6778820	Ca_kabuli_chr06	6778820	[T/G]	1067299258
Ca_Kabuli_NC_021165.1_6779173	Ca_kabuli_chr06	6779173	[A/G]	1067299259
Ca_Kabuli_NC_021165.1_6802386	Ca_kabuli_chr06	6802386	[T/G]	1067299260
Ca_Kabuli_NC_021165.1_6803494	Ca_kabuli_chr06	6803494	[A/G]	1067299261
Ca_Kabuli_NC_021165.1_6814989	Ca_kabuli_chr06	6814989	[T/A]	1067299262
Ca_Kabuli_NC_021165.1_6815001	Ca_kabuli_chr06	6815001	[T/G]	1067299263
Ca_Kabuli_NC_021165.1_6815006	Ca_kabuli_chr06	6815006	[G/T]	1067299264
Ca_Kabuli_NC_021165.1_6817431	Ca_kabuli_chr06	6817431	[A/C]	1067299265
Ca_Kabuli_NC_021165.1_6817441	Ca_kabuli_chr06	6817441	[A/C]	1067299266
Ca_Kabuli_NC_021165.1_6876986	Ca_kabuli_chr06	6876986	[T/C]	1067299267
Ca_Kabuli_NC_021165.1_6877248	Ca_kabuli_chr06	6877248	[A/T]	1067299268
Ca_Kabuli_NC_021165.1_6877291	Ca_kabuli_chr06	6877291	[A/T]	1067299269
Ca_Kabuli_NC_021165.1_6877419	Ca_kabuli_chr06	6877419	[A/G]	1067299270
Ca_Kabuli_NC_021165.1_6905533	Ca_kabuli_chr06	6905533	[A/C]	1067299271
Ca_Kabuli_NC_021165.1_6905578	Ca_kabuli_chr06	6905578	[A/T]	1067299272

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_6933439	Ca_kabuli_chr06	6933439	[A/C]	1067299275
Ca_Kabuli_NC_021165.1_6933440	Ca_kabuli_chr06	6933440	[G/T]	1067299276
Ca_Kabuli_NC_021165.1_7034418	Ca_kabuli_chr06	7034418	[A/T]	1067299277
Ca_Kabuli_NC_021165.1_7040294	Ca_kabuli_chr06	7040294	[A/T]	1067299278
Ca_Kabuli_NC_021165.1_7054087	Ca_kabuli_chr06	7054087	[T/G]	1067299279
Ca_Kabuli_NC_021165.1_7054098	Ca_kabuli_chr06	7054098	[A/C]	1067299280
Ca_Kabuli_NC_021165.1_7054111	Ca_kabuli_chr06	7054111	[A/G]	1067299281
Ca_Kabuli_NC_021165.1_7126660	Ca_kabuli_chr06	7126660	[A/G]	1067299282
Ca_Kabuli_NC_021165.1_7138432	Ca_kabuli_chr06	7138432	[T/G]	1067299283
Ca_Kabuli_NC_021165.1_7185677	Ca_kabuli_chr06	7185677	[A/C]	1067299284
Ca_Kabuli_NC_021165.1_7187867	Ca_kabuli_chr06	7187867	[C/T]	1067299285
Ca_Kabuli_NC_021165.1_7262413	Ca_kabuli_chr06	7262413	[A/T]	1067299286
Ca_Kabuli_NC_021165.1_7262414	Ca_kabuli_chr06	7262414	[T/C]	1067299287
Ca_Kabuli_NC_021165.1_7349517	Ca_kabuli_chr06	7349517	[A/C]	1067299288
Ca_Kabuli_NC_021165.1_7414196	Ca_kabuli_chr06	7414196	[T/G]	1067299289
Ca_Kabuli_NC_021165.1_7414302	Ca_kabuli_chr06	7414302	[A/G]	1067299290
Ca_Kabuli_NC_021165.1_7532384	Ca_kabuli_chr06	7532384	[A/G]	1067299291
Ca_Kabuli_NC_021165.1_7559211	Ca_kabuli_chr06	7559211	[A/G]	1067299292
Ca_Kabuli_NC_021165.1_7575124	Ca_kabuli_chr06	7575124	[T/C]	1067299293
Ca_Kabuli_NC_021165.1_7576773	Ca_kabuli_chr06	7576773	[T/G]	1067299294
Ca_Kabuli_NC_021165.1_7581799	Ca_kabuli_chr06	7581799	[C/T]	1067299295
Ca_Kabuli_NC_021165.1_7581956	Ca_kabuli_chr06	7581956	[C/G]	1067299296
Ca_Kabuli_NC_021165.1_7582726	Ca_kabuli_chr06	7582726	[G/T]	1067299297
Ca_Kabuli_NC_021165.1_7609380	Ca_kabuli_chr06	7609380	[G/A]	1067299298
Ca_Kabuli_NC_021165.1_7609573	Ca_kabuli_chr06	7609573	[A/G]	1067299299
Ca_Kabuli_NC_021165.1_7618280	Ca_kabuli_chr06	7618280	[A/C]	1067299300
Ca_Kabuli_NC_021165.1_7630374	Ca_kabuli_chr06	7630374	[G/C]	1067299301
Ca_Kabuli_NC_021165.1_7647916	Ca_kabuli_chr06	7647916	[T/G]	1067299302
Ca_Kabuli_NC_021165.1_7661924	Ca_kabuli_chr06	7661924	[C/T]	1067299303
Ca_Kabuli_NC_021165.1_7661930	Ca_kabuli_chr06	7661930	[G/T]	1067299304
Ca_Kabuli_NC_021165.1_7667301	Ca_kabuli_chr06	7667301	[T/C]	1067299305
Ca_Kabuli_NC_021165.1_7667328	Ca_kabuli_chr06	7667328	[A/T]	1067299306

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_7694599	Ca_kabuli_chr06	7694599	[T/C]	1067299309
Ca_Kabuli_NC_021165.1_7719829	Ca_kabuli_chr06	7719829	[C/T]	1067299310
Ca_Kabuli_NC_021165.1_7719857	Ca_kabuli_chr06	7719857	[G/T]	1067299311
Ca_Kabuli_NC_021165.1_7719877	Ca_kabuli_chr06	7719877	[T/C]	1067299312
Ca_Kabuli_NC_021165.1_7744730	Ca_kabuli_chr06	7744730	[G/A]	1067299313
Ca_Kabuli_NC_021165.1_7745344	Ca_kabuli_chr06	7745344	[T/A]	1067299314
Ca_Kabuli_NC_021165.1_7745377	Ca_kabuli_chr06	7745377	[C/T]	1067299315
Ca_Kabuli_NC_021165.1_7745923	Ca_kabuli_chr06	7745923	[T/A]	1067299316
Ca_Kabuli_NC_021165.1_7745942	Ca_kabuli_chr06	7745942	[T/G]	1067299317
Ca_Kabuli_NC_021165.1_7747254	Ca_kabuli_chr06	7747254	[A/G]	1067299318
Ca_Kabuli_NC_021165.1_7753341	Ca_kabuli_chr06	7753341	[T/A]	1067299319
Ca_Kabuli_NC_021165.1_7765050	Ca_kabuli_chr06	7765050	[T/C]	1067299320
Ca_Kabuli_NC_021165.1_7765068	Ca_kabuli_chr06	7765068	[A/C]	1067299321
Ca_Kabuli_NC_021165.1_7765091	Ca_kabuli_chr06	7765091	[A/G]	1067299322
Ca_Kabuli_NC_021165.1_7770357	Ca_kabuli_chr06	7770357	[C/T]	1067299323
Ca_Kabuli_NC_021165.1_7810893	Ca_kabuli_chr06	7810893	[A/G]	1067299324
Ca_Kabuli_NC_021165.1_7810902	Ca_kabuli_chr06	7810902	[A/G]	1067299325
Ca_Kabuli_NC_021165.1_7810923	Ca_kabuli_chr06	7810923	[T/C]	1067299326
Ca_Kabuli_NC_021165.1_7819313	Ca_kabuli_chr06	7819313	[C/G]	1067299327
Ca_Kabuli_NC_021165.1_7819348	Ca_kabuli_chr06	7819348	[C/T]	1067299328
Ca_Kabuli_NC_021165.1_7820481	Ca_kabuli_chr06	7820481	[C/T]	1067299329
Ca_Kabuli_NC_021165.1_7820807	Ca_kabuli_chr06	7820807	[A/G]	1067299330
Ca_Kabuli_NC_021165.1_7829272	Ca_kabuli_chr06	7829272	[T/C]	1067299331
Ca_Kabuli_NC_021165.1_7829471	Ca_kabuli_chr06	7829471	[C/A]	1067299332
Ca_Kabuli_NC_021165.1_7829472	Ca_kabuli_chr06	7829472	[A/T]	1067299333
Ca_Kabuli_NC_021165.1_7829473	Ca_kabuli_chr06	7829473	[A/C]	1067299334
Ca_Kabuli_NC_021165.1_7829474	Ca_kabuli_chr06	7829474	[G/T]	1067299335
Ca_Kabuli_NC_021165.1_7829485	Ca_kabuli_chr06	7829485	[G/A]	1067299336
Ca_Kabuli_NC_021165.1_7829577	Ca_kabuli_chr06	7829577	[T/G]	1067299337
Ca_Kabuli_NC_021165.1_7829627	Ca_kabuli_chr06	7829627	[T/G]	1067299338
Ca_Kabuli_NC_021165.1_7831123	Ca_kabuli_chr06	7831123	[T/G]	1067299339
Ca_Kabuli_NC_021165.1_7831334	Ca_kabuli_chr06	7831334	[T/C]	1067299340

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_7831899	Ca_kabuli_chr06	7831899	[A/G]	1067299343
Ca_Kabuli_NC_021165.1_7832023	Ca_kabuli_chr06	7832023	[C/T]	1067299344
Ca_Kabuli_NC_021165.1_7832029	Ca_kabuli_chr06	7832029	[C/T]	1067299345
Ca_Kabuli_NC_021165.1_7834154	Ca_kabuli_chr06	7834154	[T/A]	1067299346
Ca_Kabuli_NC_021165.1_7834595	Ca_kabuli_chr06	7834595	[C/T]	1067299347
Ca_Kabuli_NC_021165.1_7834866	Ca_kabuli_chr06	7834866	[T/G]	1067299348
Ca_Kabuli_NC_021165.1_7834895	Ca_kabuli_chr06	7834895	[G/T]	1067299349
Ca_Kabuli_NC_021165.1_7834922	Ca_kabuli_chr06	7834922	[A/G]	1067299350
Ca_Kabuli_NC_021165.1_7835024	Ca_kabuli_chr06	7835024	[T/A]	1067299351
Ca_Kabuli_NC_021165.1_7835510	Ca_kabuli_chr06	7835510	[G/A]	1067299352
Ca_Kabuli_NC_021165.1_7835619	Ca_kabuli_chr06	7835619	[C/A]	1067299353
Ca_Kabuli_NC_021165.1_7835620	Ca_kabuli_chr06	7835620	[A/G]	1067299354
Ca_Kabuli_NC_021165.1_7835759	Ca_kabuli_chr06	7835759	[A/G]	1067299355
Ca_Kabuli_NC_021165.1_7835984	Ca_kabuli_chr06	7835984	[T/A]	1067299356
Ca_Kabuli_NC_021165.1_7836879	Ca_kabuli_chr06	7836879	[T/C]	1067299357
Ca_Kabuli_NC_021165.1_7846231	Ca_kabuli_chr06	7846231	[T/G]	1067299358
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Ca_Kabuli_NC_021165.1_7849200	Ca_kabuli_chr06	7849200	[T/C]	1067299360
Ca_Kabuli_NC_021165.1_7851000	Ca_kabuli_chr06	7851000	[C/G]	1067299361
Ca_Kabuli_NC_021165.1_7851697	Ca_kabuli_chr06	7851697	[T/G]	1067299362
Ca_Kabuli_NC_021165.1_7852481	Ca_kabuli_chr06	7852481	[G/A]	1067299363
Ca_Kabuli_NC_021165.1_7876049	Ca_kabuli_chr06	7876049	[A/C]	1067299364
Ca_Kabuli_NC_021165.1_7878258	Ca_kabuli_chr06	7878258	[T/C]	1067299365
Ca_Kabuli_NC_021165.1_7879124	Ca_kabuli_chr06	7879124	[A/C]	1067299366
Ca_Kabuli_NC_021165.1_7879153	Ca_kabuli_chr06	7879153	[A/C]	1067299367
Ca_Kabuli_NC_021165.1_7879165	Ca_kabuli_chr06	7879165	[A/G]	1067299368
Ca_Kabuli_NC_021165.1_7879171	Ca_kabuli_chr06	7879171	[T/A]	1067299369
Ca_Kabuli_NC_021165.1_7884965	Ca_kabuli_chr06	7884965	[G/C]	1067299370
Ca_Kabuli_NC_021165.1_7926416	Ca_kabuli_chr06	7926416	[C/A]	1067299371
Ca_Kabuli_NC_021165.1_7926482	Ca_kabuli_chr06	7926482	[T/C]	1067299372
Ca_Kabuli_NC_021165.1_7926534	Ca_kabuli_chr06	7926534	[G/A]	1067299373
Ca_Kabuli_NC_021165.1_7928743	Ca_kabuli_chr06	7928743	[C/T]	1067299374



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_7929238	Ca_kabuli_chr06	7929238	[T/G]	1067299376
Ca_Kabuli_NC_021165.1_7929338	Ca_kabuli_chr06	7929338	[C/T]	1067299377
Ca_Kabuli_NC_021165.1_7929339	Ca_kabuli_chr06	7929339	[A/G]	1067299378
Ca_Kabuli_NC_021165.1_7929348	Ca_kabuli_chr06	7929348	[T/C]	1067299379
Ca_Kabuli_NC_021165.1_7929607	Ca_kabuli_chr06	7929607	[A/C]	1067299380
Ca_Kabuli_NC_021165.1_7929628	Ca_kabuli_chr06	7929628	[C/T]	1067299381
Ca_Kabuli_NC_021165.1_7929647	Ca_kabuli_chr06	7929647	[C/A]	1067299382
Ca_Kabuli_NC_021165.1_7939281	Ca_kabuli_chr06	7939281	[T/G]	1067299383
Ca_Kabuli_NC_021165.1_7943491	Ca_kabuli_chr06	7943491	[T/G]	1067299384
Ca_Kabuli_NC_021165.1_7961572	Ca_kabuli_chr06	7961572	[T/C]	1067299385
Ca_Kabuli_NC_021165.1_7961598	Ca_kabuli_chr06	7961598	[T/C]	1067299386
Ca_Kabuli_NC_021165.1_7994732	Ca_kabuli_chr06	7994732	[G/T]	1067299387
Ca_Kabuli_NC_021165.1_8006682	Ca_kabuli_chr06	8006682	[C/T]	1067299388
Ca_Kabuli_NC_021165.1_8006701	Ca_kabuli_chr06	8006701	[A/T]	1067299389
Ca_Kabuli_NC_021165.1_8006721	Ca_kabuli_chr06	8006721	[A/T]	1067299390
Ca_Kabuli_NC_021165.1_8011735	Ca_kabuli_chr06	8011735	[T/C]	1067299391
Ca_Kabuli_NC_021165.1_8028646	Ca_kabuli_chr06	8028646	[C/T]	1067299392
Ca_Kabuli_NC_021165.1_8029210	Ca_kabuli_chr06	8029210	[T/A]	1067299393
Ca_Kabuli_NC_021165.1_8029226	Ca_kabuli_chr06	8029226	[C/T]	1067299394
Ca_Kabuli_NC_021165.1_8029310	Ca_kabuli_chr06	8029310	[G/C]	1067299395
Ca_Kabuli_NC_021165.1_8052624	Ca_kabuli_chr06	8052624	[G/C]	1067299396
Ca_Kabuli_NC_021165.1_8070427	Ca_kabuli_chr06	8070427	[C/T]	1067299397
Ca_Kabuli_NC_021165.1_8076394	Ca_kabuli_chr06	8076394	[T/C]	1067299398
Ca_Kabuli_NC_021165.1_8076448	Ca_kabuli_chr06	8076448	[A/G]	1067299399
Ca_Kabuli_NC_021165.1_8084950	Ca_kabuli_chr06	8084950	[T/A]	1067299400
Ca_Kabuli_NC_021165.1_8090739	Ca_kabuli_chr06	8090739	[T/A]	1067299401
Ca_Kabuli_NC_021165.1_8091050	Ca_kabuli_chr06	8091050	[A/G]	1067299402
Ca_Kabuli_NC_021165.1_8091193	Ca_kabuli_chr06	8091193	[A/G]	1067299403
Ca_Kabuli_NC_021165.1_8091210	Ca_kabuli_chr06	8091210	[T/C]	1067299404
Ca_Kabuli_NC_021165.1_8091218	Ca_kabuli_chr06	8091218	[A/C]	1067299405
Ca_Kabuli_NC_021165.1_8091225	Ca_kabuli_chr06	8091225	[G/T]	1067299406
Ca_Kabuli_NC_021165.1_8091232	Ca_kabuli_chr06	8091232	[C/T]	1067299407
Ca_Kabuli_NC_021165.1_8134381	Ca_kabuli_chr06	8134381	[T/C]	1067299408

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_8139446	Ca_kabuli_chr06	8139446	[C/A]	1067299409
Ca_Kabuli_NC_021165.1_8161366	Ca_kabuli_chr06	8161366	[T/C]	1067299410
Ca_Kabuli_NC_021165.1_8161368	Ca_kabuli_chr06	8161368	[G/T]	1067299411
Ca_Kabuli_NC_021165.1_8166339	Ca_kabuli_chr06	8166339	[T/C]	1067299412
Ca_Kabuli_NC_021165.1_8166435	Ca_kabuli_chr06	8166435	[A/G]	1067299413
Ca_Kabuli_NC_021165.1_8168203	Ca_kabuli_chr06	8168203	[C/T]	1067299414
Ca_Kabuli_NC_021165.1_8170170	Ca_kabuli_chr06	8170170	[A/C]	1067299415
Ca_Kabuli_NC_021165.1_8170583	Ca_kabuli_chr06	8170583	[C/T]	1067299416
Ca_Kabuli_NC_021165.1_8170633	Ca_kabuli_chr06	8170633	[A/G]	1067299417
Ca_Kabuli_NC_021165.1_8222675	Ca_kabuli_chr06	8222675	[A/T]	1067299418
Ca_Kabuli_NC_021165.1_8246205	Ca_kabuli_chr06	8246205	[A/G]	1067299419
Ca_Kabuli_NC_021165.1_8246210	Ca_kabuli_chr06	8246210	[C/A]	1067299420
Ca_Kabuli_NC_021165.1_8246313	Ca_kabuli_chr06	8246313	[T/G]	1067299421
Ca_Kabuli_NC_021165.1_8589290	Ca_kabuli_chr06	8589290	[A/C]	1067299422
Ca_Kabuli_NC_021165.1_8592849	Ca_kabuli_chr06	8592849	[A/C]	1067299423
Ca_Kabuli_NC_021165.1_8592850	Ca_kabuli_chr06	8592850	[G/A]	1067299424
Ca_Kabuli_NC_021165.1_8592851	Ca_kabuli_chr06	8592851	[A/C]	1067299425
Ca_Kabuli_NC_021165.1_8633221	Ca_kabuli_chr06	8633221	[A/C]	1067299426
Ca_Kabuli_NC_021165.1_8634276	Ca_kabuli_chr06	8634276	[T/C]	1067299427
Ca_Kabuli_NC_021165.1_8634285	Ca_kabuli_chr06	8634285	[T/C]	1067299428
Ca_Kabuli_NC_021165.1_8635559	Ca_kabuli_chr06	8635559	[A/G]	1067299429
Ca_Kabuli_NC_021165.1_8655304	Ca_kabuli_chr06	8655304	[A/C]	1067299430
Ca_Kabuli_NC_021165.1_8655363	Ca_kabuli_chr06	8655363	[A/G]	1067299431
Ca_Kabuli_NC_021165.1_8655382	Ca_kabuli_chr06	8655382	[A/T]	1067299432
Ca_Kabuli_NC_021165.1_8655664	Ca_kabuli_chr06	8655664	[T/G]	1067299433
Ca_Kabuli_NC_021165.1_8655742	Ca_kabuli_chr06	8655742	[A/C]	1067299434
Ca_Kabuli_NC_021165.1_8657846	Ca_kabuli_chr06	8657846	[A/C]	1067299435
Ca_Kabuli_NC_021165.1_8657849	Ca_kabuli_chr06	8657849	[A/G]	1067299436
Ca_Kabuli_NC_021165.1_8706400	Ca_kabuli_chr06	8706400	[A/T]	1067299437
Ca_Kabuli_NC_021165.1_8706439	Ca_kabuli_chr06	8706439	[T/G]	1067299438
Ca_Kabuli_NC_021165.1_8711674	Ca_kabuli_chr06	8711674	[A/C]	1067299439
Ca_Kabuli_NC_021165.1_8711678	Ca_kabuli_chr06	8711678	[A/G]	1067299440
Ca_Kabuli_NC_021165.1_8711694	Ca_kabuli_chr06	8711694	[T/C]	1067299441
Ca_Kabuli_NC_021165.1_8738094	Ca_kabuli_chr06	8738094	[A/C]	1067299442

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_8787557	Ca_kabuli_chr06	8787557	[T/C]	1067299445
Ca_Kabuli_NC_021165.1_8787559	Ca_kabuli_chr06	8787559	[A/T]	1067299446
Ca_Kabuli_NC_021165.1_8958549	Ca_kabuli_chr06	8958549	[T/G]	1067299447
Ca_Kabuli_NC_021165.1_9088140	Ca_kabuli_chr06	9088140	[T/C]	1067299448
Ca_Kabuli_NC_021165.1_9088224	Ca_kabuli_chr06	9088224	[A/C]	1067299449
Ca_Kabuli_NC_021165.1_9109120	Ca_kabuli_chr06	9109120	[T/G]	1067299450
Ca_Kabuli_NC_021165.1_9133666	Ca_kabuli_chr06	9133666	[A/G]	1067299451
Ca_Kabuli_NC_021165.1_9133668	Ca_kabuli_chr06	9133668	[C/A]	1067299452
Ca_Kabuli_NC_021165.1_9133677	Ca_kabuli_chr06	9133677	[A/C]	1067299453
Ca_Kabuli_NC_021165.1_9133694	Ca_kabuli_chr06	9133694	[T/C]	1067299454
Ca_Kabuli_NC_021165.1_9133718	Ca_kabuli_chr06	9133718	[A/G]	1067299455
Ca_Kabuli_NC_021165.1_9150251	Ca_kabuli_chr06	9150251	[A/G]	1067299456
Ca_Kabuli_NC_021165.1_9150253	Ca_kabuli_chr06	9150253	[C/A]	1067299457
Ca_Kabuli_NC_021165.1_9191586	Ca_kabuli_chr06	9191586	[A/G]	1067299458
Ca_Kabuli_NC_021165.1_9191619	Ca_kabuli_chr06	9191619	[A/G]	1067299459
Ca_Kabuli_NC_021165.1_9196080	Ca_kabuli_chr06	9196080	[C/A]	1067299460
Ca_Kabuli_NC_021165.1_9196081	Ca_kabuli_chr06	9196081	[A/G]	1067299461
Ca_Kabuli_NC_021165.1_9196082	Ca_kabuli_chr06	9196082	[C/A]	1067299462
Ca_Kabuli_NC_021165.1_9205251	Ca_kabuli_chr06	9205251	[A/C]	1067299463
Ca_Kabuli_NC_021165.1_9205279	Ca_kabuli_chr06	9205279	[T/A]	1067299464
Ca_Kabuli_NC_021165.1_9213875	Ca_kabuli_chr06	9213875	[A/G]	1067299465
Ca_Kabuli_NC_021165.1_9223004	Ca_kabuli_chr06	9223004	[T/G]	1067299466
Ca_Kabuli_NC_021165.1_9227975	Ca_kabuli_chr06	9227975	[A/C]	1067299467
Ca_Kabuli_NC_021165.1_9227978	Ca_kabuli_chr06	9227978	[A/T]	1067299468
Ca_Kabuli_NC_021165.1_9227984	Ca_kabuli_chr06	9227984	[T/C]	1067299469
Ca_Kabuli_NC_021165.1_9227994	Ca_kabuli_chr06	9227994	[T/G]	1067299470
Ca_Kabuli_NC_021165.1_9292292	Ca_kabuli_chr06	9292292	[T/A]	1067299471
Ca_Kabuli_NC_021165.1_9338839	Ca_kabuli_chr06	9338839	[A/C]	1067299472
Ca_Kabuli_NC_021165.1_9338901	Ca_kabuli_chr06	9338901	[T/C]	1067299473
Ca_Kabuli_NC_021165.1_9340828	Ca_kabuli_chr06	9340828	[G/T]	1067299474
Ca_Kabuli_NC_021165.1_9341262	Ca_kabuli_chr06	9341262	[A/G]	1067299475
Ca_Kabuli_NC_021165.1_9341275	Ca_kabuli_chr06	9341275	[C/T]	1067299476

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_9382102	Ca_kabuli_chr06	9382102	[A/T]	1067299479
Ca_Kabuli_NC_021165.1_9409159	Ca_kabuli_chr06	9409159	[A/G]	1067299480
Ca_Kabuli_NC_021165.1_9409172	Ca_kabuli_chr06	9409172	[T/A]	1067299481
Ca_Kabuli_NC_021165.1_9409185	Ca_kabuli_chr06	9409185	[A/G]	1067299482
Ca_Kabuli_NC_021165.1_9423194	Ca_kabuli_chr06	9423194	[T/C]	1067299483
Ca_Kabuli_NC_021165.1_9423213	Ca_kabuli_chr06	9423213	[A/G]	1067299484
Ca_Kabuli_NC_021165.1_9423239	Ca_kabuli_chr06	9423239	[T/C]	1067299485
Ca_Kabuli_NC_021165.1_9428548	Ca_kabuli_chr06	9428548	[T/G]	1067299486
Ca_Kabuli_NC_021165.1_9428753	Ca_kabuli_chr06	9428753	[A/C]	1067299487
Ca_Kabuli_NC_021165.1_9430204	Ca_kabuli_chr06	9430204	[G/T]	1067299488
Ca_Kabuli_NC_021165.1_9430205	Ca_kabuli_chr06	9430205	[T/G]	1067299489
Ca_Kabuli_NC_021165.1_9520222	Ca_kabuli_chr06	9520222	[T/C]	1067299490
Ca_Kabuli_NC_021165.1_9544096	Ca_kabuli_chr06	9544096	[T/A]	1067299491
Ca_Kabuli_NC_021165.1_9562800	Ca_kabuli_chr06	9562800	[G/A]	1067299492
Ca_Kabuli_NC_021165.1_9562803	Ca_kabuli_chr06	9562803	[A/G]	1067299493
Ca_Kabuli_NC_021165.1_9565638	Ca_kabuli_chr06	9565638	[A/C]	1067299494
Ca_Kabuli_NC_021165.1_9565873	Ca_kabuli_chr06	9565873	[T/A]	1067299495
Ca_Kabuli_NC_021165.1_9568341	Ca_kabuli_chr06	9568341	[A/G]	1067299496
Ca_Kabuli_NC_021165.1_9574433	Ca_kabuli_chr06	9574433	[A/G]	1067299497
Ca_Kabuli_NC_021165.1_9574457	Ca_kabuli_chr06	9574457	[A/T]	1067299498
Ca_Kabuli_NC_021165.1_9689425	Ca_kabuli_chr06	9689425	[G/T]	1067299499
Ca_Kabuli_NC_021165.1_9831549	Ca_kabuli_chr06	9831549	[T/G]	1067299500
Ca_Kabuli_NC_021165.1_9831555	Ca_kabuli_chr06	9831555	[A/G]	1067299501
Ca_Kabuli_NC_021165.1_9831559	Ca_kabuli_chr06	9831559	[T/G]	1067299502
Ca_Kabuli_NC_021165.1_9834198	Ca_kabuli_chr06	9834198	[C/A]	1067299503
Ca_Kabuli_NC_021165.1_9834199	Ca_kabuli_chr06	9834199	[T/C]	1067299504
Ca_Kabuli_NC_021165.1_9834208	Ca_kabuli_chr06	9834208	[A/G]	1067299505
Ca_Kabuli_NC_021165.1_9845102	Ca_kabuli_chr06	9845102	[T/G]	1067299506
Ca_Kabuli_NC_021165.1_9959681	Ca_kabuli_chr06	9959681	[A/G]	1067299507
Ca_Kabuli_NC_021165.1_10027025	Ca_kabuli_chr06	10027025	[A/C]	1067299508
Ca_Kabuli_NC_021165.1_10029464	Ca_kabuli_chr06	10029464	[T/C]	1067299509
Ca_Kabuli_NC_021165.1_10089004	Ca_kabuli_chr06	10089004	[T/C]	1067299510

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_10136888	Ca_kabuli_chr06	10136888	[C/T]	1067299513
Ca_Kabuli_NC_021165.1_10136905	Ca_kabuli_chr06	10136905	[A/G]	1067299514
Ca_Kabuli_NC_021165.1_10177838	Ca_kabuli_chr06	10177838	[T/G]	1067299515
Ca_Kabuli_NC_021165.1_10177859	Ca_kabuli_chr06	10177859	[T/G]	1067299516
Ca_Kabuli_NC_021165.1_10231032	Ca_kabuli_chr06	10231032	[T/C]	1067299517
Ca_Kabuli_NC_021165.1_10231088	Ca_kabuli_chr06	10231088	[T/G]	1067299518
Ca_Kabuli_NC_021165.1_10231089	Ca_kabuli_chr06	10231089	[T/G]	1067299519
Ca_Kabuli_NC_021165.1_10231120	Ca_kabuli_chr06	10231120	[A/G]	1067299520
Ca_Kabuli_NC_021165.1_10231141	Ca_kabuli_chr06	10231141	[A/G]	1067299521
Ca_Kabuli_NC_021165.1_10234386	Ca_kabuli_chr06	10234386	[A/C]	1067299522
Ca_Kabuli_NC_021165.1_10234387	Ca_kabuli_chr06	10234387	[G/C]	1067299523
Ca_Kabuli_NC_021165.1_10234389	Ca_kabuli_chr06	10234389	[T/A]	1067299524
Ca_Kabuli_NC_021165.1_10234390	Ca_kabuli_chr06	10234390	[C/A]	1067299525
Ca_Kabuli_NC_021165.1_10259627	Ca_kabuli_chr06	10259627	[A/C]	1067299526
Ca_Kabuli_NC_021165.1_10259643	Ca_kabuli_chr06	10259643	[A/C]	1067299527
Ca_Kabuli_NC_021165.1_10259652	Ca_kabuli_chr06	10259652	[A/G]	1067299528
Ca_Kabuli_NC_021165.1_10259663	Ca_kabuli_chr06	10259663	[T/C]	1067299529
Ca_Kabuli_NC_021165.1_10260274	Ca_kabuli_chr06	10260274	[C/T]	1067299530
Ca_Kabuli_NC_021165.1_10315009	Ca_kabuli_chr06	10315009	[A/T]	1067299531
Ca_Kabuli_NC_021165.1_10395273	Ca_kabuli_chr06	10395273	[T/G]	1067299532
Ca_Kabuli_NC_021165.1_10395281	Ca_kabuli_chr06	10395281	[C/T]	1067299533
Ca_Kabuli_NC_021165.1_10441728	Ca_kabuli_chr06	10441728	[G/C]	1067299534
Ca_Kabuli_NC_021165.1_10441740	Ca_kabuli_chr06	10441740	[T/C]	1067299535
Ca_Kabuli_NC_021165.1_10441742	Ca_kabuli_chr06	10441742	[A/C]	1067299536
Ca_Kabuli_NC_021165.1_10441753	Ca_kabuli_chr06	10441753	[G/C]	1067299537
Ca_Kabuli_NC_021165.1_10448786	Ca_kabuli_chr06	10448786	[T/C]	1067299538
Ca_Kabuli_NC_021165.1_10457025	Ca_kabuli_chr06	10457025	[A/C]	1067299539
Ca_Kabuli_NC_021165.1_10502431	Ca_kabuli_chr06	10502431	[A/C]	1067299540
Ca_Kabuli_NC_021165.1_10627884	Ca_kabuli_chr06	10627884	[T/A]	1067299541
Ca_Kabuli_NC_021165.1_10627885	Ca_kabuli_chr06	10627885	[A/G]	1067299542
Ca_Kabuli_NC_021165.1_10670366	Ca_kabuli_chr06	10670366	[T/G]	1067299543
Ca_Kabuli_NC_021165.1_10670656	Ca_kabuli_chr06	10670656	[A/G]	1067299544

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_10670739	Ca_kabuli_chr06	10670739	[T/G]	1067299547
Ca_Kabuli_NC_021165.1_10670750	Ca_kabuli_chr06	10670750	[T/G]	1067299548
Ca_Kabuli_NC_021165.1_10670756	Ca_kabuli_chr06	10670756	[A/G]	1067299549
Ca_Kabuli_NC_021165.1_10671148	Ca_kabuli_chr06	10671148	[T/A]	1067299550
Ca_Kabuli_NC_021165.1_10672040	Ca_kabuli_chr06	10672040	[C/A]	1067299551
Ca_Kabuli_NC_021165.1_10672383	Ca_kabuli_chr06	10672383	[T/C]	1067299552
Ca_Kabuli_NC_021165.1_10677472	Ca_kabuli_chr06	10677472	[A/T]	1067299553
Ca_Kabuli_NC_021165.1_10677483	Ca_kabuli_chr06	10677483	[A/T]	1067299554
Ca_Kabuli_NC_021165.1_10682135	Ca_kabuli_chr06	10682135	[T/C]	1067299555
Ca_Kabuli_NC_021165.1_10684697	Ca_kabuli_chr06	10684697	[T/G]	1067299556
Ca_Kabuli_NC_021165.1_10684708	Ca_kabuli_chr06	10684708	[T/A]	1067299557
Ca_Kabuli_NC_021165.1_10684760	Ca_kabuli_chr06	10684760	[A/T]	1067299558
Ca_Kabuli_NC_021165.1_10698770	Ca_kabuli_chr06	10698770	[A/C]	1067299559
Ca_Kabuli_NC_021165.1_10698775	Ca_kabuli_chr06	10698775	[A/C]	1067299560
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Ca_Kabuli_NC_021165.1_10698795	Ca_kabuli_chr06	10698795	[T/C]	1067299562
Ca_Kabuli_NC_021165.1_10698802	Ca_kabuli_chr06	10698802	[A/C]	1067299563
Ca_Kabuli_NC_021165.1_10716949	Ca_kabuli_chr06	10716949	[T/C]	1067299564
Ca_Kabuli_NC_021165.1_10716960	Ca_kabuli_chr06	10716960	[T/C]	1067299565
Ca_Kabuli_NC_021165.1_10717005	Ca_kabuli_chr06	10717005	[A/G]	1067299566
Ca_Kabuli_NC_021165.1_10743996	Ca_kabuli_chr06	10743996	[A/T]	1067299567
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Ca_Kabuli_NC_021165.1_10748746	Ca_kabuli_chr06	10748746	[A/T]	1067299570
Ca_Kabuli_NC_021165.1_10748766	Ca_kabuli_chr06	10748766	[T/C]	1067299571
Ca_Kabuli_NC_021165.1_10778519	Ca_kabuli_chr06	10778519	[T/C]	1067299572
Ca_Kabuli_NC_021165.1_10779344	Ca_kabuli_chr06	10779344	[T/G]	1067299573
Ca_Kabuli_NC_021165.1_10779545	Ca_kabuli_chr06	10779545	[T/A]	1067299574
Ca_Kabuli_NC_021165.1_10779837	Ca_kabuli_chr06	10779837	[G/A]	1067299575
Ca_Kabuli_NC_021165.1_10780228	Ca_kabuli_chr06	10780228	[C/T]	1067299576
Ca_Kabuli_NC_021165.1_10780240	Ca_kabuli_chr06	10780240	[T/C]	1067299577
Ca_Kabuli_NC_021165.1_10781242	Ca_kabuli_chr06	10781242	[C/T]	1067299578

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_10781281	Ca_kabuli_chr06	10781281	[T/C]	1067299579
Ca_Kabuli_NC_021165.1_10781522	Ca_kabuli_chr06	10781522	[G/T]	1067299580
Ca_Kabuli_NC_021165.1_10785458	Ca_kabuli_chr06	10785458	[T/A]	1067299581
Ca_Kabuli_NC_021165.1_10785459	Ca_kabuli_chr06	10785459	[G/A]	1067299582
Ca_Kabuli_NC_021165.1_10785480	Ca_kabuli_chr06	10785480	[T/G]	1067299583
Ca_Kabuli_NC_021165.1_10790133	Ca_kabuli_chr06	10790133	[G/T]	1067299584
Ca_Kabuli_NC_021165.1_10806974	Ca_kabuli_chr06	10806974	[A/G]	1067299585
Ca_Kabuli_NC_021165.1_10806982	Ca_kabuli_chr06	10806982	[C/A]	1067299586
Ca_Kabuli_NC_021165.1_10870187	Ca_kabuli_chr06	10870187	[T/G]	1067299587
Ca_Kabuli_NC_021165.1_10888513	Ca_kabuli_chr06	10888513	[A/C]	1067299588
Ca_Kabuli_NC_021165.1_10888520	Ca_kabuli_chr06	10888520	[A/G]	1067299589
Ca_Kabuli_NC_021165.1_10991654	Ca_kabuli_chr06	10991654	[A/G]	1067299590
Ca_Kabuli_NC_021165.1_10991658	Ca_kabuli_chr06	10991658	[T/C]	1067299591
Ca_Kabuli_NC_021165.1_10991667	Ca_kabuli_chr06	10991667	[T/C]	1067299592
Ca_Kabuli_NC_021165.1_10991717	Ca_kabuli_chr06	10991717	[T/A]	1067299593
Ca_Kabuli_NC_021165.1_11011835	Ca_kabuli_chr06	11011835	[A/G]	1067299594
Ca_Kabuli_NC_021165.1_11011859	Ca_kabuli_chr06	11011859	[A/G]	1067299595
Ca_Kabuli_NC_021165.1_11038020	Ca_kabuli_chr06	11038020	[T/C]	1067299596
Ca_Kabuli_NC_021165.1_11064134	Ca_kabuli_chr06	11064134	[G/A]	1067299597
Ca_Kabuli_NC_021165.1_11069554	Ca_kabuli_chr06	11069554	[C/T]	1067299598
Ca_Kabuli_NC_021165.1_11098001	Ca_kabuli_chr06	11098001	[G/A]	1067299599
Ca_Kabuli_NC_021165.1_11105367	Ca_kabuli_chr06	11105367	[G/A]	1067299600
Ca_Kabuli_NC_021165.1_11106776	Ca_kabuli_chr06	11106776	[C/G]	1067299601
Ca_Kabuli_NC_021165.1_11128164	Ca_kabuli_chr06	11128164	[G/T]	1067299602
Ca_Kabuli_NC_021165.1_11131010	Ca_kabuli_chr06	11131010	[T/A]	1067299603
Ca_Kabuli_NC_021165.1_11131020	Ca_kabuli_chr06	11131020	[A/G]	1067299604
Ca_Kabuli_NC_021165.1_11163679	Ca_kabuli_chr06	11163679	[T/C]	1067299605
Ca_Kabuli_NC_021165.1_11163693	Ca_kabuli_chr06	11163693	[A/G]	1067299606
Ca_Kabuli_NC_021165.1_11163698	Ca_kabuli_chr06	11163698	[T/C]	1067299607
Ca_Kabuli_NC_021165.1_11163711	Ca_kabuli_chr06	11163711	[T/G]	1067299608
Ca_Kabuli_NC_021165.1_11163717	Ca_kabuli_chr06	11163717	[T/A]	1067299609
Ca_Kabuli_NC_021165.1_11163847	Ca_kabuli_chr06	11163847	[A/C]	1067299610
Ca_Kabuli_NC_021165.1_11180702	Ca_kabuli_chr06	11180702	[G/A]	1067299611
Ca_Kabuli_NC_021165.1_11185980	Ca_kabuli_chr06	11185980	[T/C]	1067299612

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_11188803	Ca_kabuli_chr06	11188803	[G/A]	1067299614
Ca_Kabuli_NC_021165.1_11189051	Ca_kabuli_chr06	11189051	[A/G]	1067299615
Ca_Kabuli_NC_021165.1_11191321	Ca_kabuli_chr06	11191321	[T/C]	1067299616
Ca_Kabuli_NC_021165.1_11191339	Ca_kabuli_chr06	11191339	[A/G]	1067299617
Ca_Kabuli_NC_021165.1_11285914	Ca_kabuli_chr06	11285914	[A/C]	1067299618
Ca_Kabuli_NC_021165.1_11302033	Ca_kabuli_chr06	11302033	[T/C]	1067299619
Ca_Kabuli_NC_021165.1_11302037	Ca_kabuli_chr06	11302037	[A/C]	1067299620
Ca_Kabuli_NC_021165.1_11302041	Ca_kabuli_chr06	11302041	[T/C]	1067299621
Ca_Kabuli_NC_021165.1_11302061	Ca_kabuli_chr06	11302061	[T/C]	1067299622
Ca_Kabuli_NC_021165.1_11354898	Ca_kabuli_chr06	11354898	[A/C]	1067299623
Ca_Kabuli_NC_021165.1_11394801	Ca_kabuli_chr06	11394801	[T/G]	1067299624
Ca_Kabuli_NC_021165.1_11399318	Ca_kabuli_chr06	11399318	[T/C]	1067299625
Ca_Kabuli_NC_021165.1_11508824	Ca_kabuli_chr06	11508824	[T/G]	1067299626
Ca_Kabuli_NC_021165.1_11508970	Ca_kabuli_chr06	11508970	[G/A]	1067299627
Ca_Kabuli_NC_021165.1_11508975	Ca_kabuli_chr06	11508975	[A/C]	1067299628
Ca_Kabuli_NC_021165.1_11543618	Ca_kabuli_chr06	11543618	[T/G]	1067299629
Ca_Kabuli_NC_021165.1_11659814	Ca_kabuli_chr06	11659814	[G/A]	1067299630
Ca_Kabuli_NC_021165.1_11659981	Ca_kabuli_chr06	11659981	[G/A]	1067299631
Ca_Kabuli_NC_021165.1_11665233	Ca_kabuli_chr06	11665233	[A/G]	1067299632
Ca_Kabuli_NC_021165.1_11665262	Ca_kabuli_chr06	11665262	[T/G]	1067299633
Ca_Kabuli_NC_021165.1_11665268	Ca_kabuli_chr06	11665268	[T/G]	1067299634
Ca_Kabuli_NC_021165.1_11665329	Ca_kabuli_chr06	11665329	[T/G]	1067299635
Ca_Kabuli_NC_021165.1_11665338	Ca_kabuli_chr06	11665338	[T/G]	1067299636
Ca_Kabuli_NC_021165.1_11668281	Ca_kabuli_chr06	11668281	[T/C]	1067299637
Ca_Kabuli_NC_021165.1_12035683	Ca_kabuli_chr06	12035683	[A/G]	1067299638
Ca_Kabuli_NC_021165.1_12035718	Ca_kabuli_chr06	12035718	[T/G]	1067299639
Ca_Kabuli_NC_021165.1_12435077	Ca_kabuli_chr06	12435077	[A/C]	1067299640
Ca_Kabuli_NC_021165.1_12436984	Ca_kabuli_chr06	12436984	[A/G]	1067299641
Ca_Kabuli_NC_021165.1_12437022	Ca_kabuli_chr06	12437022	[A/C]	1067299642
Ca_Kabuli_NC_021165.1_12437029	Ca_kabuli_chr06	12437029	[A/T]	1067299643
Ca_Kabuli_NC_021165.1_12437088	Ca_kabuli_chr06	12437088	[A/C]	1067299644
Ca_Kabuli_NC_021165.1_12437132	Ca_kabuli_chr06	12437132	[A/C]	1067299645
Ca_Kabuli_NC_021165.1_12448511	Ca_kabuli_chr06	12448511	[A/C]	1067299646



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_12535717	Ca_kabuli_chr06	12535717	[T/G]	1067299649
Ca_Kabuli_NC_021165.1_12535741	Ca_kabuli_chr06	12535741	[A/G]	1067299650
Ca_Kabuli_NC_021165.1_12775930	Ca_kabuli_chr06	12775930	[T/C]	1067299651
Ca_Kabuli_NC_021165.1_12775985	Ca_kabuli_chr06	12775985	[A/C]	1067299652
Ca_Kabuli_NC_021165.1_12799817	Ca_kabuli_chr06	12799817	[T/A]	1067299653
Ca_Kabuli_NC_021165.1_12799894	Ca_kabuli_chr06	12799894	[G/A]	1067299654
Ca_Kabuli_NC_021165.1_12799931	Ca_kabuli_chr06	12799931	[A/G]	1067299655
Ca_Kabuli_NC_021165.1_12804358	Ca_kabuli_chr06	12804358	[T/G]	1067299656
Ca_Kabuli_NC_021165.1_12810876	Ca_kabuli_chr06	12810876	[C/A]	1067299657
Ca_Kabuli_NC_021165.1_12810877	Ca_kabuli_chr06	12810877	[T/G]	1067299658
Ca_Kabuli_NC_021165.1_12817997	Ca_kabuli_chr06	12817997	[A/G]	1067299659
Ca_Kabuli_NC_021165.1_12818032	Ca_kabuli_chr06	12818032	[A/T]	1067299660
Ca_Kabuli_NC_021165.1_12844592	Ca_kabuli_chr06	12844592	[T/G]	1067299661
Ca_Kabuli_NC_021165.1_12882524	Ca_kabuli_chr06	12882524	[A/G]	1067299662
Ca_Kabuli_NC_021165.1_12939911	Ca_kabuli_chr06	12939911	[T/A]	1067299663
Ca_Kabuli_NC_021165.1_12939913	Ca_kabuli_chr06	12939913	[A/G]	1067299664
Ca_Kabuli_NC_021165.1_12939937	Ca_kabuli_chr06	12939937	[T/C]	1067299665
Ca_Kabuli_NC_021165.1_12939946	Ca_kabuli_chr06	12939946	[A/G]	1067299666
Ca_Kabuli_NC_021165.1_12939964	Ca_kabuli_chr06	12939964	[T/C]	1067299667
Ca_Kabuli_NC_021165.1_12941023	Ca_kabuli_chr06	12941023	[T/C]	1067299668
Ca_Kabuli_NC_021165.1_12976242	Ca_kabuli_chr06	12976242	[T/C]	1067299669
Ca_Kabuli_NC_021165.1_12985910	Ca_kabuli_chr06	12985910	[C/T]	1067299670
Ca_Kabuli_NC_021165.1_12986826	Ca_kabuli_chr06	12986826	[G/A]	1067299671
Ca_Kabuli_NC_021165.1_12986829	Ca_kabuli_chr06	12986829	[T/G]	1067299672
Ca_Kabuli_NC_021165.1_12986833	Ca_kabuli_chr06	12986833	[A/T]	1067299673
Ca_Kabuli_NC_021165.1_13073096	Ca_kabuli_chr06	13073096	[T/G]	1067299674
Ca_Kabuli_NC_021165.1_13107254	Ca_kabuli_chr06	13107254	[T/C]	1067299675
Ca_Kabuli_NC_021165.1_13107256	Ca_kabuli_chr06	13107256	[T/C]	1067299676
Ca_Kabuli_NC_021165.1_13107278	Ca_kabuli_chr06	13107278	[T/A]	1067299677
Ca_Kabuli_NC_021165.1_13107289	Ca_kabuli_chr06	13107289	[T/C]	1067299678
Ca_Kabuli_NC_021165.1_13107293	Ca_kabuli_chr06	13107293	[T/C]	1067299679
Ca_Kabuli_NC_021165.1_13107304	Ca_kabuli_chr06	13107304	[T/C]	1067299680

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_13136830	Ca_kabuli_chr06	13136830	[T/C]	1067299684
Ca_Kabuli_NC_021165.1_13192458	Ca_kabuli_chr06	13192458	[T/G]	1067299685
Ca_Kabuli_NC_021165.1_13201407	Ca_kabuli_chr06	13201407	[T/A]	1067299686
Ca_Kabuli_NC_021165.1_13221837	Ca_kabuli_chr06	13221837	[T/A]	1067299687
Ca_Kabuli_NC_021165.1_13221861	Ca_kabuli_chr06	13221861	[T/A]	1067299688
Ca_Kabuli_NC_021165.1_13221873	Ca_kabuli_chr06	13221873	[T/G]	1067299689
Ca_Kabuli_NC_021165.1_13222255	Ca_kabuli_chr06	13222255	[G/T]	1067299690
Ca_Kabuli_NC_021165.1_13222256	Ca_kabuli_chr06	13222256	[T/C]	1067299691
Ca_Kabuli_NC_021165.1_13222257	Ca_kabuli_chr06	13222257	[G/T]	1067299692
Ca_Kabuli_NC_021165.1_13244666	Ca_kabuli_chr06	13244666	[A/G]	1067299693
Ca_Kabuli_NC_021165.1_13244668	Ca_kabuli_chr06	13244668	[C/G]	1067299694
Ca_Kabuli_NC_021165.1_13244680	Ca_kabuli_chr06	13244680	[T/G]	1067299695
Ca_Kabuli_NC_021165.1_13296123	Ca_kabuli_chr06	13296123	[A/G]	1067299696
Ca_Kabuli_NC_021165.1_13300383	Ca_kabuli_chr06	13300383	[A/G]	1067299697
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Ca_Kabuli_NC_021165.1_13569263	Ca_kabuli_chr06	13569263	[A/T]	1067299701
Ca_Kabuli_NC_021165.1_13569291	Ca_kabuli_chr06	13569291	[A/C]	1067299702
Ca_Kabuli_NC_021165.1_13572221	Ca_kabuli_chr06	13572221	[A/C]	1067299703
Ca_Kabuli_NC_021165.1_13575227	Ca_kabuli_chr06	13575227	[T/A]	1067299704
Ca_Kabuli_NC_021165.1_13628325	Ca_kabuli_chr06	13628325	[A/C]	1067299705
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Ca_Kabuli_NC_021165.1_13628426	Ca_kabuli_chr06	13628426	[T/C]	1067299707
Ca_Kabuli_NC_021165.1_13628532	Ca_kabuli_chr06	13628532	[A/C]	1067299708
Ca_Kabuli_NC_021165.1_13637388	Ca_kabuli_chr06	13637388	[A/C]	1067299709
Ca_Kabuli_NC_021165.1_13637392	Ca_kabuli_chr06	13637392	[A/C]	1067299710
Ca_Kabuli_NC_021165.1_13639434	Ca_kabuli_chr06	13639434	[T/G]	1067299711
Ca_Kabuli_NC_021165.1_13685747	Ca_kabuli_chr06	13685747	[T/C]	1067299712
Ca_Kabuli_NC_021165.1_13714842	Ca_kabuli_chr06	13714842	[T/G]	1067299713
Ca_Kabuli_NC_021165.1_13714893	Ca_kabuli_chr06	13714893	[A/G]	1067299714

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_13917083	Ca_kabuli_chr06	13917083	[T/C]	1067299717
Ca_Kabuli_NC_021165.1_13921926	Ca_kabuli_chr06	13921926	[T/G]	1067299718
Ca_Kabuli_NC_021165.1_13921954	Ca_kabuli_chr06	13921954	[A/C]	1067299719
Ca_Kabuli_NC_021165.1_13936416	Ca_kabuli_chr06	13936416	[T/C]	1067299720
Ca_Kabuli_NC_021165.1_13936517	Ca_kabuli_chr06	13936517	[A/C]	1067299721
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Ca_Kabuli_NC_021165.1_13948742	Ca_kabuli_chr06	13948742	[T/G]	1067299723
Ca_Kabuli_NC_021165.1_13986526	Ca_kabuli_chr06	13986526	[T/G]	1067299724
Ca_Kabuli_NC_021165.1_14094683	Ca_kabuli_chr06	14094683	[C/G]	1067299725
Ca_Kabuli_NC_021165.1_14107024	Ca_kabuli_chr06	14107024	[C/G]	1067299726
Ca_Kabuli_NC_021165.1_14107039	Ca_kabuli_chr06	14107039	[T/G]	1067299727
Ca_Kabuli_NC_021165.1_14107066	Ca_kabuli_chr06	14107066	[A/G]	1067299728
Ca_Kabuli_NC_021165.1_14107082	Ca_kabuli_chr06	14107082	[T/C]	1067299729
Ca_Kabuli_NC_021165.1_14107089	Ca_kabuli_chr06	14107089	[G/C]	1067299730
Ca_Kabuli_NC_021165.1_14141852	Ca_kabuli_chr06	14141852	[C/A]	1067299731
Ca_Kabuli_NC_021165.1_14141855	Ca_kabuli_chr06	14141855	[T/C]	1067299732
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Ca_Kabuli_NC_021165.1_14148742	Ca_kabuli_chr06	14148742	[T/G]	1067299734
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Ca_Kabuli_NC_021165.1_14160310	Ca_kabuli_chr06	14160310	[A/C]	1067299736
Ca_Kabuli_NC_021165.1_14200976	Ca_kabuli_chr06	14200976	[C/A]	1067299737
Ca_Kabuli_NC_021165.1_14200999	Ca_kabuli_chr06	14200999	[T/A]	1067299738
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Ca_Kabuli_NC_021165.1_14353624	Ca_kabuli_chr06	14353624	[G/A]	1067299744
Ca_Kabuli_NC_021165.1_14371549	Ca_kabuli_chr06	14371549	[C/A]	1067299745
Ca_Kabuli_NC_021165.1_14371811	Ca_kabuli_chr06	14371811	[T/G]	1067299746
Ca_Kabuli_NC_021165.1_14371814	Ca_kabuli_chr06	14371814	[T/C]	1067299747
Ca_Kabuli_NC_021165.1_14371900	Ca_kabuli_chr06	14371900	[T/C]	1067299748

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_14416997	Ca_kabuli_chr06	14416997	[A/T]	1067299749
Ca_Kabuli_NC_021165.1_14419837	Ca_kabuli_chr06	14419837	[T/C]	1067299750
Ca_Kabuli_NC_021165.1_14419867	Ca_kabuli_chr06	14419867	[A/G]	1067299751
Ca_Kabuli_NC_021165.1_14419875	Ca_kabuli_chr06	14419875	[A/C]	1067299752
Ca_Kabuli_NC_021165.1_14419877	Ca_kabuli_chr06	14419877	[A/C]	1067299753
Ca_Kabuli_NC_021165.1_14421756	Ca_kabuli_chr06	14421756	[A/T]	1067299754
Ca_Kabuli_NC_021165.1_14421787	Ca_kabuli_chr06	14421787	[T/C]	1067299755
Ca_Kabuli_NC_021165.1_14421816	Ca_kabuli_chr06	14421816	[T/A]	1067299756
Ca_Kabuli_NC_021165.1_14526395	Ca_kabuli_chr06	14526395	[T/G]	1067299757
Ca_Kabuli_NC_021165.1_14606892	Ca_kabuli_chr06	14606892	[A/C]	1067299758
Ca_Kabuli_NC_021165.1_14606941	Ca_kabuli_chr06	14606941	[A/T]	1067299759
Ca_Kabuli_NC_021165.1_14606945	Ca_kabuli_chr06	14606945	[A/G]	1067299760
Ca_Kabuli_NC_021165.1_14630065	Ca_kabuli_chr06	14630065	[A/G]	1067299761
Ca_Kabuli_NC_021165.1_14630076	Ca_kabuli_chr06	14630076	[A/T]	1067299762
Ca_Kabuli_NC_021165.1_14630632	Ca_kabuli_chr06	14630632	[A/C]	1067299763
Ca_Kabuli_NC_021165.1_14691728	Ca_kabuli_chr06	14691728	[T/A]	1067299764
Ca_Kabuli_NC_021165.1_14719712	Ca_kabuli_chr06	14719712	[A/C]	1067299765
Ca_Kabuli_NC_021165.1_14719713	Ca_kabuli_chr06	14719713	[C/A]	1067299766
Ca_Kabuli_NC_021165.1_14719715	Ca_kabuli_chr06	14719715	[T/G]	1067299767
Ca_Kabuli_NC_021165.1_14719725	Ca_kabuli_chr06	14719725	[A/G]	1067299768
Ca_Kabuli_NC_021165.1_14719734	Ca_kabuli_chr06	14719734	[T/G]	1067299769
Ca_Kabuli_NC_021165.1_14719909	Ca_kabuli_chr06	14719909	[T/C]	1067299770
Ca_Kabuli_NC_021165.1_14719910	Ca_kabuli_chr06	14719910	[G/T]	1067299771
Ca_Kabuli_NC_021165.1_14769691	Ca_kabuli_chr06	14769691	[A/C]	1067299772
Ca_Kabuli_NC_021165.1_14769694	Ca_kabuli_chr06	14769694	[T/C]	1067299773
Ca_Kabuli_NC_021165.1_14769697	Ca_kabuli_chr06	14769697	[A/C]	1067299774
Ca_Kabuli_NC_021165.1_14769709	Ca_kabuli_chr06	14769709	[A/T]	1067299775
Ca_Kabuli_NC_021165.1_14771602	Ca_kabuli_chr06	14771602	[T/G]	1067299776
Ca_Kabuli_NC_021165.1_14857680	Ca_kabuli_chr06	14857680	[G/A]	1067299777
Ca_Kabuli_NC_021165.1_14971493	Ca_kabuli_chr06	14971493	[A/G]	1067299778
Ca_Kabuli_NC_021165.1_14971517	Ca_kabuli_chr06	14971517	[A/G]	1067299779
Ca_Kabuli_NC_021165.1_14991776	Ca_kabuli_chr06	14991776	[A/C]	1067299780
Ca_Kabuli_NC_021165.1_15019327	Ca_kabuli_chr06	15019327	[A/C]	1067299781
Ca_Kabuli_NC_021165.1_15024869	Ca_kabuli_chr06	15024869	[T/C]	1067299782

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_15024875	Ca_kabuli_chr06	15024875	[T/C]	1067299783
Ca_Kabuli_NC_021165.1_15024910	Ca_kabuli_chr06	15024910	[A/T]	1067299784
Ca_Kabuli_NC_021165.1_15024946	Ca_kabuli_chr06	15024946	[T/C]	1067299785
Ca_Kabuli_NC_021165.1_15056600	Ca_kabuli_chr06	15056600	[T/G]	1067299786
Ca_Kabuli_NC_021165.1_15056615	Ca_kabuli_chr06	15056615	[A/G]	1067299787
Ca_Kabuli_NC_021165.1_15061714	Ca_kabuli_chr06	15061714	[T/C]	1067299788
Ca_Kabuli_NC_021165.1_15061743	Ca_kabuli_chr06	15061743	[A/C]	1067299789
Ca_Kabuli_NC_021165.1_15061763	Ca_kabuli_chr06	15061763	[T/C]	1067299790
Ca_Kabuli_NC_021165.1_15093578	Ca_kabuli_chr06	15093578	[T/G]	1067299791
Ca_Kabuli_NC_021165.1_15123030	Ca_kabuli_chr06	15123030	[T/A]	1067299792
Ca_Kabuli_NC_021165.1_15123033	Ca_kabuli_chr06	15123033	[C/T]	1067299793
Ca_Kabuli_NC_021165.1_15123051	Ca_kabuli_chr06	15123051	[C/T]	1067299794
Ca_Kabuli_NC_021165.1_15123074	Ca_kabuli_chr06	15123074	[G/A]	1067299795
Ca_Kabuli_NC_021165.1_15123962	Ca_kabuli_chr06	15123962	[A/G]	1067299796
Ca_Kabuli_NC_021165.1_15133403	Ca_kabuli_chr06	15133403	[G/T]	1067299797
Ca_Kabuli_NC_021165.1_15133404	Ca_kabuli_chr06	15133404	[G/C]	1067299798
Ca_Kabuli_NC_021165.1_15133405	Ca_kabuli_chr06	15133405	[G/T]	1067299799
Ca_Kabuli_NC_021165.1_15168831	Ca_kabuli_chr06	15168831	[A/C]	1067299800
Ca_Kabuli_NC_021165.1_15204941	Ca_kabuli_chr06	15204941	[A/G]	1067299801
Ca_Kabuli_NC_021165.1_15235612	Ca_kabuli_chr06	15235612	[A/C]	1067299802
Ca_Kabuli_NC_021165.1_15301275	Ca_kabuli_chr06	15301275	[A/C]	1067299803
Ca_Kabuli_NC_021165.1_15306139	Ca_kabuli_chr06	15306139	[A/C]	1067299804
Ca_Kabuli_NC_021165.1_15306142	Ca_kabuli_chr06	15306142	[A/C]	1067299805
Ca_Kabuli_NC_021165.1_15313640	Ca_kabuli_chr06	15313640	[A/G]	1067299806
Ca_Kabuli_NC_021165.1_15386963	Ca_kabuli_chr06	15386963	[G/A]	1067299807
Ca_Kabuli_NC_021165.1_15451994	Ca_kabuli_chr06	15451994	[T/G]	1067299808
Ca_Kabuli_NC_021165.1_15463331	Ca_kabuli_chr06	15463331	[A/C]	1067299809
Ca_Kabuli_NC_021165.1_15463340	Ca_kabuli_chr06	15463340	[A/T]	1067299810
Ca_Kabuli_NC_021165.1_15463354	Ca_kabuli_chr06	15463354	[T/C]	1067299811
Ca_Kabuli_NC_021165.1_15537918	Ca_kabuli_chr06	15537918	[T/G]	1067299812
Ca_Kabuli_NC_021165.1_15537931	Ca_kabuli_chr06	15537931	[T/G]	1067299813
Ca_Kabuli_NC_021165.1_15543348	Ca_kabuli_chr06	15543348	[T/C]	1067299814
Ca_Kabuli_NC_021165.1_15544732	Ca_kabuli_chr06	15544732	[A/T]	1067299815
Ca_Kabuli_NC_021165.1_15589539	Ca_kabuli_chr06	15589539	[A/T]	1067299816

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_15749817	Ca_kabuli_chr06	15749817	[A/G]	1067299818
Ca_Kabuli_NC_021165.1_15845370	Ca_kabuli_chr06	15845370	[A/C]	1067299819
Ca_Kabuli_NC_021165.1_15846166	Ca_kabuli_chr06	15846166	[G/C]	1067299820
Ca_Kabuli_NC_021165.1_15857715	Ca_kabuli_chr06	15857715	[A/G]	1067299821
Ca_Kabuli_NC_021165.1_15861316	Ca_kabuli_chr06	15861316	[A/C]	1067299822
Ca_Kabuli_NC_021165.1_15876779	Ca_kabuli_chr06	15876779	[A/G]	1067299823
Ca_Kabuli_NC_021165.1_15879528	Ca_kabuli_chr06	15879528	[A/G]	1067299824
Ca_Kabuli_NC_021165.1_15879535	Ca_kabuli_chr06	15879535	[C/G]	1067299825
Ca_Kabuli_NC_021165.1_16174874	Ca_kabuli_chr06	16174874	[T/C]	1067299826
Ca_Kabuli_NC_021165.1_16175122	Ca_kabuli_chr06	16175122	[T/C]	1067299827
Ca_Kabuli_NC_021165.1_16175139	Ca_kabuli_chr06	16175139	[T/A]	1067299828
Ca_Kabuli_NC_021165.1_16175140	Ca_kabuli_chr06	16175140	[A/G]	1067299829
Ca_Kabuli_NC_021165.1_16175142	Ca_kabuli_chr06	16175142	[A/G]	1067299830
Ca_Kabuli_NC_021165.1_16189675	Ca_kabuli_chr06	16189675	[T/G]	1067299831
Ca_Kabuli_NC_021165.1_16189678	Ca_kabuli_chr06	16189678	[T/G]	1067299832
Ca_Kabuli_NC_021165.1_16196469	Ca_kabuli_chr06	16196469	[T/A]	1067299833
Ca_Kabuli_NC_021165.1_16196531	Ca_kabuli_chr06	16196531	[T/C]	1067299834
Ca_Kabuli_NC_021165.1_16196548	Ca_kabuli_chr06	16196548	[T/G]	1067299835
Ca_Kabuli_NC_021165.1_16196555	Ca_kabuli_chr06	16196555	[T/G]	1067299836
Ca_Kabuli_NC_021165.1_16203377	Ca_kabuli_chr06	16203377	[A/G]	1067299837
Ca_Kabuli_NC_021165.1_16321782	Ca_kabuli_chr06	16321782	[A/C]	1067299838
Ca_Kabuli_NC_021165.1_16460477	Ca_kabuli_chr06	16460477	[A/G]	1067299839
Ca_Kabuli_NC_021165.1_16460507	Ca_kabuli_chr06	16460507	[A/C]	1067299840
Ca_Kabuli_NC_021165.1_16460511	Ca_kabuli_chr06	16460511	[T/C]	1067299841
Ca_Kabuli_NC_021165.1_16463615	Ca_kabuli_chr06	16463615	[T/G]	1067299842
Ca_Kabuli_NC_021165.1_16463629	Ca_kabuli_chr06	16463629	[T/G]	1067299843
Ca_Kabuli_NC_021165.1_16549005	Ca_kabuli_chr06	16549005	[A/C]	1067299844
Ca_Kabuli_NC_021165.1_16549022	Ca_kabuli_chr06	16549022	[A/G]	1067299845
Ca_Kabuli_NC_021165.1_16549027	Ca_kabuli_chr06	16549027	[T/C]	1067299846
Ca_Kabuli_NC_021165.1_16549038	Ca_kabuli_chr06	16549038	[A/C]	1067299847
Ca_Kabuli_NC_021165.1_16560733	Ca_kabuli_chr06	16560733	[A/C]	1067299848
Ca_Kabuli_NC_021165.1_16560778	Ca_kabuli_chr06	16560778	[A/T]	1067299849
Ca_Kabuli_NC_021165.1_16560817	Ca_kabuli_chr06	16560817	[T/A]	1067299850

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_16633566	Ca_kabuli_chr06	16633566	[A/G]	1067299853
Ca_Kabuli_NC_021165.1_16637868	Ca_kabuli_chr06	16637868	[A/G]	1067299854
Ca_Kabuli_NC_021165.1_16646741	Ca_kabuli_chr06	16646741	[A/G]	1067299855
Ca_Kabuli_NC_021165.1_16646748	Ca_kabuli_chr06	16646748	[A/G]	1067299856
Ca_Kabuli_NC_021165.1_16646750	Ca_kabuli_chr06	16646750	[A/T]	1067299857
Ca_Kabuli_NC_021165.1_16646752	Ca_kabuli_chr06	16646752	[T/C]	1067299858
Ca_Kabuli_NC_021165.1_16646771	Ca_kabuli_chr06	16646771	[A/G]	1067299859
Ca_Kabuli_NC_021165.1_16646772	Ca_kabuli_chr06	16646772	[T/A]	1067299860
Ca_Kabuli_NC_021165.1_16646786	Ca_kabuli_chr06	16646786	[A/G]	1067299861
Ca_Kabuli_NC_021165.1_16670020	Ca_kabuli_chr06	16670020	[T/C]	1067299862
Ca_Kabuli_NC_021165.1_16685801	Ca_kabuli_chr06	16685801	[C/A]	1067299863
Ca_Kabuli_NC_021165.1_16685802	Ca_kabuli_chr06	16685802	[T/G]	1067299864
Ca_Kabuli_NC_021165.1_16685803	Ca_kabuli_chr06	16685803	[G/A]	1067299865
Ca_Kabuli_NC_021165.1_16685804	Ca_kabuli_chr06	16685804	[A/T]	1067299866
Ca_Kabuli_NC_021165.1_16707137	Ca_kabuli_chr06	16707137	[T/C]	1067299867
Ca_Kabuli_NC_021165.1_16715751	Ca_kabuli_chr06	16715751	[A/C]	1067299868
Ca_Kabuli_NC_021165.1_16715828	Ca_kabuli_chr06	16715828	[A/C]	1067299869
Ca_Kabuli_NC_021165.1_16715836	Ca_kabuli_chr06	16715836	[A/C]	1067299870
Ca_Kabuli_NC_021165.1_16719881	Ca_kabuli_chr06	16719881	[A/C]	1067299871
Ca_Kabuli_NC_021165.1_16719892	Ca_kabuli_chr06	16719892	[A/T]	1067299872
Ca_Kabuli_NC_021165.1_16748597	Ca_kabuli_chr06	16748597	[G/T]	1067299873
Ca_Kabuli_NC_021165.1_16748605	Ca_kabuli_chr06	16748605	[T/C]	1067299874
Ca_Kabuli_NC_021165.1_16823947	Ca_kabuli_chr06	16823947	[G/A]	1067299875
Ca_Kabuli_NC_021165.1_17007475	Ca_kabuli_chr06	17007475	[A/G]	1067299876
Ca_Kabuli_NC_021165.1_17007478	Ca_kabuli_chr06	17007478	[A/T]	1067299877
Ca_Kabuli_NC_021165.1_17007488	Ca_kabuli_chr06	17007488	[T/C]	1067299878
Ca_Kabuli_NC_021165.1_17007516	Ca_kabuli_chr06	17007516	[A/G]	1067299879
Ca_Kabuli_NC_021165.1_17007518	Ca_kabuli_chr06	17007518	[A/G]	1067299880
Ca_Kabuli_NC_021165.1_17026983	Ca_kabuli_chr06	17026983	[A/T]	1067299881
Ca_Kabuli_NC_021165.1_17027023	Ca_kabuli_chr06	17027023	[G/T]	1067299882
Ca_Kabuli_NC_021165.1_17141426	Ca_kabuli_chr06	17141426	[A/G]	1067299883
Ca_Kabuli_NC_021165.1_17141440	Ca_kabuli_chr06	17141440	[A/C]	1067299884

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_17307671	Ca_kabuli_chr06	17307671	[A/T]	1067299887
Ca_Kabuli_NC_021165.1_17307672	Ca_kabuli_chr06	17307672	[T/C]	1067299888
Ca_Kabuli_NC_021165.1_17307673	Ca_kabuli_chr06	17307673	[G/T]	1067299889
Ca_Kabuli_NC_021165.1_17353399	Ca_kabuli_chr06	17353399	[T/A]	1067299890
Ca_Kabuli_NC_021165.1_17353443	Ca_kabuli_chr06	17353443	[A/C]	1067299891
Ca_Kabuli_NC_021165.1_17369636	Ca_kabuli_chr06	17369636	[T/G]	1067299892
Ca_Kabuli_NC_021165.1_17369736	Ca_kabuli_chr06	17369736	[A/C]	1067299893
Ca_Kabuli_NC_021165.1_17477859	Ca_kabuli_chr06	17477859	[T/G]	1067299894
Ca_Kabuli_NC_021165.1_17481233	Ca_kabuli_chr06	17481233	[A/T]	1067299895
Ca_Kabuli_NC_021165.1_17541154	Ca_kabuli_chr06	17541154	[A/C]	1067299896
Ca_Kabuli_NC_021165.1_17541155	Ca_kabuli_chr06	17541155	[G/C]	1067299897
Ca_Kabuli_NC_021165.1_17561109	Ca_kabuli_chr06	17561109	[T/G]	1067299898
Ca_Kabuli_NC_021165.1_17573300	Ca_kabuli_chr06	17573300	[T/G]	1067299899
Ca_Kabuli_NC_021165.1_17588691	Ca_kabuli_chr06	17588691	[A/G]	1067299900
Ca_Kabuli_NC_021165.1_17588706	Ca_kabuli_chr06	17588706	[A/C]	1067299901
Ca_Kabuli_NC_021165.1_17658997	Ca_kabuli_chr06	17658997	[A/C]	1067299902
Ca_Kabuli_NC_021165.1_17659019	Ca_kabuli_chr06	17659019	[A/C]	1067299903
Ca_Kabuli_NC_021165.1_17725440	Ca_kabuli_chr06	17725440	[T/G]	1067299904
Ca_Kabuli_NC_021165.1_17725485	Ca_kabuli_chr06	17725485	[T/C]	1067299905
Ca_Kabuli_NC_021165.1_17726649	Ca_kabuli_chr06	17726649	[A/G]	1067299906
Ca_Kabuli_NC_021165.1_17727172	Ca_kabuli_chr06	17727172	[T/C]	1067299907
Ca_Kabuli_NC_021165.1_17730756	Ca_kabuli_chr06	17730756	[T/G]	1067299908
Ca_Kabuli_NC_021165.1_17730758	Ca_kabuli_chr06	17730758	[T/C]	1067299909
Ca_Kabuli_NC_021165.1_17730766	Ca_kabuli_chr06	17730766	[A/G]	1067299910
Ca_Kabuli_NC_021165.1_17730834	Ca_kabuli_chr06	17730834	[T/A]	1067299911
Ca_Kabuli_NC_021165.1_17730843	Ca_kabuli_chr06	17730843	[A/T]	1067299912
Ca_Kabuli_NC_021165.1_17735235	Ca_kabuli_chr06	17735235	[T/C]	1067299913
Ca_Kabuli_NC_021165.1_17740978	Ca_kabuli_chr06	17740978	[T/C]	1067299914
Ca_Kabuli_NC_021165.1_17741048	Ca_kabuli_chr06	17741048	[A/C]	1067299915
Ca_Kabuli_NC_021165.1_17741054	Ca_kabuli_chr06	17741054	[A/G]	1067299916
Ca_Kabuli_NC_021165.1_17741070	Ca_kabuli_chr06	17741070	[A/G]	1067299917
Ca_Kabuli_NC_021165.1_17751394	Ca_kabuli_chr06	17751394	[A/G]	1067299918



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_17787977	Ca_kabuli_chr06	17787977	[T/G]	1067299920
Ca_Kabuli_NC_021165.1_17788028	Ca_kabuli_chr06	17788028	[T/C]	1067299921
Ca_Kabuli_NC_021165.1_17788032	Ca_kabuli_chr06	17788032	[A/G]	1067299922
Ca_Kabuli_NC_021165.1_17788567	Ca_kabuli_chr06	17788567	[A/C]	1067299923
Ca_Kabuli_NC_021165.1_17788616	Ca_kabuli_chr06	17788616	[T/G]	1067299924
Ca_Kabuli_NC_021165.1_17788618	Ca_kabuli_chr06	17788618	[A/T]	1067299925
Ca_Kabuli_NC_021165.1_17788626	Ca_kabuli_chr06	17788626	[T/G]	1067299926
Ca_Kabuli_NC_021165.1_17788701	Ca_kabuli_chr06	17788701	[T/C]	1067299927
Ca_Kabuli_NC_021165.1_17863974	Ca_kabuli_chr06	17863974	[T/C]	1067299928
Ca_Kabuli_NC_021165.1_17897931	Ca_kabuli_chr06	17897931	[G/A]	1067299929
Ca_Kabuli_NC_021165.1_17897932	Ca_kabuli_chr06	17897932	[A/T]	1067299930
Ca_Kabuli_NC_021165.1_17897933	Ca_kabuli_chr06	17897933	[G/C]	1067299931
Ca_Kabuli_NC_021165.1_17897934	Ca_kabuli_chr06	17897934	[G/T]	1067299932
Ca_Kabuli_NC_021165.1_17985440	Ca_kabuli_chr06	17985440	[A/G]	1067299933
Ca_Kabuli_NC_021165.1_17985446	Ca_kabuli_chr06	17985446	[C/T]	1067299934
Ca_Kabuli_NC_021165.1_18026451	Ca_kabuli_chr06	18026451	[A/G]	1067299935
Ca_Kabuli_NC_021165.1_18026522	Ca_kabuli_chr06	18026522	[T/C]	1067299936
Ca_Kabuli_NC_021165.1_18026542	Ca_kabuli_chr06	18026542	[T/C]	1067299937
Ca_Kabuli_NC_021165.1_18094667	Ca_kabuli_chr06	18094667	[A/G]	1067299938
Ca_Kabuli_NC_021165.1_18125425	Ca_kabuli_chr06	18125425	[T/G]	1067299939
Ca_Kabuli_NC_021165.1_18125434	Ca_kabuli_chr06	18125434	[T/G]	1067299940
Ca_Kabuli_NC_021165.1_18125483	Ca_kabuli_chr06	18125483	[G/T]	1067299941
Ca_Kabuli_NC_021165.1_18233441	Ca_kabuli_chr06	18233441	[G/A]	1067299942
Ca_Kabuli_NC_021165.1_18233443	Ca_kabuli_chr06	18233443	[T/G]	1067299943
Ca_Kabuli_NC_021165.1_18264779	Ca_kabuli_chr06	18264779	[A/G]	1067299944
Ca_Kabuli_NC_021165.1_18389693	Ca_kabuli_chr06	18389693	[A/T]	1067299945
Ca_Kabuli_NC_021165.1_18389699	Ca_kabuli_chr06	18389699	[T/C]	1067299946
Ca_Kabuli_NC_021165.1_18389704	Ca_kabuli_chr06	18389704	[T/G]	1067299947
Ca_Kabuli_NC_021165.1_18629872	Ca_kabuli_chr06	18629872	[A/G]	1067299948
Ca_Kabuli_NC_021165.1_18747181	Ca_kabuli_chr06	18747181	[A/G]	1067299949
Ca_Kabuli_NC_021165.1_18747182	Ca_kabuli_chr06	18747182	[T/A]	1067299950
Ca_Kabuli_NC_021165.1_18747196	Ca_kabuli_chr06	18747196	[A/C]	1067299951
Ca_Kabuli_NC_021165.1_18747200	Ca_kabuli_chr06	18747200	[T/C]	1067299952

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_18768201	Ca_kabuli_chr06	18768201	[A/G]	1067299953
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Ca_Kabuli_NC_021165.1_18772103	Ca_kabuli_chr06	18772103	[A/C]	1067299955
Ca_Kabuli_NC_021165.1_18852815	Ca_kabuli_chr06	18852815	[T/C]	1067299956
Ca_Kabuli_NC_021165.1_18852818	Ca_kabuli_chr06	18852818	[C/A]	1067299957
Ca_Kabuli_NC_021165.1_18852819	Ca_kabuli_chr06	18852819	[T/G]	1067299958
Ca_Kabuli_NC_021165.1_18852820	Ca_kabuli_chr06	18852820	[G/A]	1067299959
Ca_Kabuli_NC_021165.1_18852821	Ca_kabuli_chr06	18852821	[A/G]	1067299960
Ca_Kabuli_NC_021165.1_18852822	Ca_kabuli_chr06	18852822	[G/T]	1067299961
Ca_Kabuli_NC_021165.1_18852823	Ca_kabuli_chr06	18852823	[A/T]	1067299962
Ca_Kabuli_NC_021165.1_18852836	Ca_kabuli_chr06	18852836	[A/C]	1067299963
Ca_Kabuli_NC_021165.1_18852847	Ca_kabuli_chr06	18852847	[A/C]	1067299964
Ca_Kabuli_NC_021165.1_18916598	Ca_kabuli_chr06	18916598	[A/C]	1067299965
Ca_Kabuli_NC_021165.1_18916606	Ca_kabuli_chr06	18916606	[A/C]	1067299966
Ca_Kabuli_NC_021165.1_18922040	Ca_kabuli_chr06	18922040	[A/C]	1067299967
Ca_Kabuli_NC_021165.1_18924954	Ca_kabuli_chr06	18924954	[A/G]	1067299968
Ca_Kabuli_NC_021165.1_18924996	Ca_kabuli_chr06	18924996	[A/T]	1067299969
Ca_Kabuli_NC_021165.1_18938475	Ca_kabuli_chr06	18938475	[A/G]	1067299970
Ca_Kabuli_NC_021165.1_18938492	Ca_kabuli_chr06	18938492	[T/G]	1067299971
Ca_Kabuli_NC_021165.1_18953205	Ca_kabuli_chr06	18953205	[T/A]	1067299972
Ca_Kabuli_NC_021165.1_18953206	Ca_kabuli_chr06	18953206	[A/T]	1067299973
Ca_Kabuli_NC_021165.1_18953207	Ca_kabuli_chr06	18953207	[A/T]	1067299974
Ca_Kabuli_NC_021165.1_18953208	Ca_kabuli_chr06	18953208	[T/A]	1067299975
Ca_Kabuli_NC_021165.1_18953209	Ca_kabuli_chr06	18953209	[A/T]	1067299976
Ca_Kabuli_NC_021165.1_18987257	Ca_kabuli_chr06	18987257	[A/G]	1067299977
Ca_Kabuli_NC_021165.1_19000012	Ca_kabuli_chr06	19000012	[A/G]	1067299978
Ca_Kabuli_NC_021165.1_19114054	Ca_kabuli_chr06	19114054	[A/C]	1067299979
Ca_Kabuli_NC_021165.1_19143537	Ca_kabuli_chr06	19143537	[C/A]	1067299980
Ca_Kabuli_NC_021165.1_19178265	Ca_kabuli_chr06	19178265	[A/C]	1067299981
Ca_Kabuli_NC_021165.1_19247966	Ca_kabuli_chr06	19247966	[T/G]	1067299982
Ca_Kabuli_NC_021165.1_19307105	Ca_kabuli_chr06	19307105	[A/T]	1067299983
Ca_Kabuli_NC_021165.1_19394497	Ca_kabuli_chr06	19394497	[T/C]	1067299984
Ca_Kabuli_NC_021165.1_19394518	Ca_kabuli_chr06	19394518	[A/G]	1067299985
Ca_Kabuli_NC_021165.1_19394545	Ca_kabuli_chr06	19394545	[T/C]	1067299986

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_19433513	Ca_kabuli_chr06	19433513	[A/G]	1067299988
Ca_Kabuli_NC_021165.1_19433514	Ca_kabuli_chr06	19433514	[T/A]	1067299989
Ca_Kabuli_NC_021165.1_19433516	Ca_kabuli_chr06	19433516	[A/C]	1067299990
Ca_Kabuli_NC_021165.1_19433517	Ca_kabuli_chr06	19433517	[T/G]	1067299991
Ca_Kabuli_NC_021165.1_19433556	Ca_kabuli_chr06	19433556	[T/A]	1067299992
Ca_Kabuli_NC_021165.1_19437013	Ca_kabuli_chr06	19437013	[A/C]	1067299993
Ca_Kabuli_NC_021165.1_19474577	Ca_kabuli_chr06	19474577	[A/G]	1067299994
Ca_Kabuli_NC_021165.1_19474599	Ca_kabuli_chr06	19474599	[A/C]	1067299995
Ca_Kabuli_NC_021165.1_19474621	Ca_kabuli_chr06	19474621	[T/A]	1067299996
Ca_Kabuli_NC_021165.1_19474629	Ca_kabuli_chr06	19474629	[T/C]	1067299997
Ca_Kabuli_NC_021165.1_19478512	Ca_kabuli_chr06	19478512	[T/G]	1067299998
Ca_Kabuli_NC_021165.1_19478543	Ca_kabuli_chr06	19478543	[G/A]	1067299999
Ca_Kabuli_NC_021165.1_19478545	Ca_kabuli_chr06	19478545	[A/G]	1067300000
Ca_Kabuli_NC_021165.1_19478546	Ca_kabuli_chr06	19478546	[G/C]	1067300001
Ca_Kabuli_NC_021165.1_19502691	Ca_kabuli_chr06	19502691	[A/G]	1067300002
Ca_Kabuli_NC_021165.1_19502700	Ca_kabuli_chr06	19502700	[T/C]	1067300003
Ca_Kabuli_NC_021165.1_19653654	Ca_kabuli_chr06	19653654	[C/T]	1067300004
Ca_Kabuli_NC_021165.1_19674561	Ca_kabuli_chr06	19674561	[A/C]	1067300005
Ca_Kabuli_NC_021165.1_19709914	Ca_kabuli_chr06	19709914	[A/T]	1067300006
Ca_Kabuli_NC_021165.1_19713192	Ca_kabuli_chr06	19713192	[A/G]	1067300007
Ca_Kabuli_NC_021165.1_19713228	Ca_kabuli_chr06	19713228	[T/A]	1067300008
Ca_Kabuli_NC_021165.1_19726254	Ca_kabuli_chr06	19726254	[T/G]	1067300009
Ca_Kabuli_NC_021165.1_19735965	Ca_kabuli_chr06	19735965	[T/G]	1067300010
Ca_Kabuli_NC_021165.1_19735992	Ca_kabuli_chr06	19735992	[A/C]	1067300011
Ca_Kabuli_NC_021165.1_20505038	Ca_kabuli_chr06	20505038	[C/T]	1067300012
Ca_Kabuli_NC_021165.1_20660795	Ca_kabuli_chr06	20660795	[T/C]	1067300013
Ca_Kabuli_NC_021165.1_20660832	Ca_kabuli_chr06	20660832	[A/C]	1067300014
Ca_Kabuli_NC_021165.1_20667254	Ca_kabuli_chr06	20667254	[A/C]	1067300015
Ca_Kabuli_NC_021165.1_20671055	Ca_kabuli_chr06	20671055	[A/T]	1067300016
Ca_Kabuli_NC_021165.1_20679788	Ca_kabuli_chr06	20679788	[T/G]	1067300017
Ca_Kabuli_NC_021165.1_20679803	Ca_kabuli_chr06	20679803	[C/T]	1067300018
Ca_Kabuli_NC_021165.1_20679807	Ca_kabuli_chr06	20679807	[A/C]	1067300019
Ca_Kabuli_NC_021165.1_20679819	Ca_kabuli_chr06	20679819	[T/C]	1067300020

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_20679826	Ca_kabuli_chr06	20679826	[C/T]	1067300023
Ca_Kabuli_NC_021165.1_20693828	Ca_kabuli_chr06	20693828	[C/G]	1067300024
Ca_Kabuli_NC_021165.1_20738712	Ca_kabuli_chr06	20738712	[A/G]	1067300025
Ca_Kabuli_NC_021165.1_20738721	Ca_kabuli_chr06	20738721	[T/G]	1067300026
Ca_Kabuli_NC_021165.1_20738730	Ca_kabuli_chr06	20738730	[A/G]	1067300027
Ca_Kabuli_NC_021165.1_20766355	Ca_kabuli_chr06	20766355	[A/C]	1067300028
Ca_Kabuli_NC_021165.1_20766375	Ca_kabuli_chr06	20766375	[T/A]	1067300029
Ca_Kabuli_NC_021165.1_20766462	Ca_kabuli_chr06	20766462	[A/G]	1067300030
Ca_Kabuli_NC_021165.1_20780999	Ca_kabuli_chr06	20780999	[G/C]	1067300031
Ca_Kabuli_NC_021165.1_20781000	Ca_kabuli_chr06	20781000	[G/T]	1067300032
Ca_Kabuli_NC_021165.1_20786070	Ca_kabuli_chr06	20786070	[G/C]	1067300033
Ca_Kabuli_NC_021165.1_20786071	Ca_kabuli_chr06	20786071	[G/T]	1067300034
Ca_Kabuli_NC_021165.1_20802748	Ca_kabuli_chr06	20802748	[T/A]	1067300035
Ca_Kabuli_NC_021165.1_20802761	Ca_kabuli_chr06	20802761	[A/T]	1067300036
Ca_Kabuli_NC_021165.1_20889681	Ca_kabuli_chr06	20889681	[T/A]	1067300037
Ca_Kabuli_NC_021165.1_20890710	Ca_kabuli_chr06	20890710	[A/C]	1067300038
Ca_Kabuli_NC_021165.1_20917619	Ca_kabuli_chr06	20917619	[T/C]	1067300039
Ca_Kabuli_NC_021165.1_20917621	Ca_kabuli_chr06	20917621	[A/T]	1067300040
Ca_Kabuli_NC_021165.1_20917684	Ca_kabuli_chr06	20917684	[A/C]	1067300041
Ca_Kabuli_NC_021165.1_20917713	Ca_kabuli_chr06	20917713	[A/C]	1067300042
Ca_Kabuli_NC_021165.1_20935369	Ca_kabuli_chr06	20935369	[A/C]	1067300043
Ca_Kabuli_NC_021165.1_20935397	Ca_kabuli_chr06	20935397	[T/G]	1067300044
Ca_Kabuli_NC_021165.1_20935894	Ca_kabuli_chr06	20935894	[T/C]	1067300045
Ca_Kabuli_NC_021165.1_20966992	Ca_kabuli_chr06	20966992	[T/G]	1067300046
Ca_Kabuli_NC_021165.1_20998904	Ca_kabuli_chr06	20998904	[C/G]	1067300047
Ca_Kabuli_NC_021165.1_20998905	Ca_kabuli_chr06	20998905	[T/G]	1067300048
Ca_Kabuli_NC_021165.1_21045734	Ca_kabuli_chr06	21045734	[T/C]	1067300049
Ca_Kabuli_NC_021165.1_21045737	Ca_kabuli_chr06	21045737	[A/C]	1067300050
Ca_Kabuli_NC_021165.1_21058265	Ca_kabuli_chr06	21058265	[T/A]	1067300051
Ca_Kabuli_NC_021165.1_21061365	Ca_kabuli_chr06	21061365	[T/G]	1067300052
Ca_Kabuli_NC_021165.1_21170334	Ca_kabuli_chr06	21170334	[T/A]	1067300053
Ca_Kabuli_NC_021165.1_21176033	Ca_kabuli_chr06	21176033	[T/G]	1067300054

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_21238081	Ca_kabuli_chr06	21238081	[A/G]	1067300057
Ca_Kabuli_NC_021165.1_21238138	Ca_kabuli_chr06	21238138	[A/C]	1067300058
Ca_Kabuli_NC_021165.1_21238178	Ca_kabuli_chr06	21238178	[A/G]	1067300059
Ca_Kabuli_NC_021165.1_21238721	Ca_kabuli_chr06	21238721	[T/A]	1067300060
Ca_Kabuli_NC_021165.1_21238728	Ca_kabuli_chr06	21238728	[T/C]	1067300061
Ca_Kabuli_NC_021165.1_21238731	Ca_kabuli_chr06	21238731	[T/G]	1067300062
Ca_Kabuli_NC_021165.1_21238743	Ca_kabuli_chr06	21238743	[T/G]	1067300063
Ca_Kabuli_NC_021165.1_21238768	Ca_kabuli_chr06	21238768	[T/G]	1067300064
Ca_Kabuli_NC_021165.1_21322836	Ca_kabuli_chr06	21322836	[C/T]	1067300065
Ca_Kabuli_NC_021165.1_21322854	Ca_kabuli_chr06	21322854	[G/A]	1067300066
Ca_Kabuli_NC_021165.1_21322875	Ca_kabuli_chr06	21322875	[T/C]	1067300067
Ca_Kabuli_NC_021165.1_21322884	Ca_kabuli_chr06	21322884	[A/G]	1067300068
Ca_Kabuli_NC_021165.1_21324520	Ca_kabuli_chr06	21324520	[T/C]	1067300069
Ca_Kabuli_NC_021165.1_21324597	Ca_kabuli_chr06	21324597	[T/G]	1067300070
Ca_Kabuli_NC_021165.1_21324640	Ca_kabuli_chr06	21324640	[A/C]	1067300071
Ca_Kabuli_NC_021165.1_21326252	Ca_kabuli_chr06	21326252	[A/C]	1067300072
Ca_Kabuli_NC_021165.1_21326272	Ca_kabuli_chr06	21326272	[T/C]	1067300073
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Ca_Kabuli_NC_021165.1_21477001	Ca_kabuli_chr06	21477001	[A/G]	1067300075
Ca_Kabuli_NC_021165.1_21478564	Ca_kabuli_chr06	21478564	[T/C]	1067300076
Ca_Kabuli_NC_021165.1_21478607	Ca_kabuli_chr06	21478607	[T/G]	1067300077
Ca_Kabuli_NC_021165.1_21479690	Ca_kabuli_chr06	21479690	[T/G]	1067300078
Ca_Kabuli_NC_021165.1_21489039	Ca_kabuli_chr06	21489039	[T/G]	1067300079
Ca_Kabuli_NC_021165.1_21489040	Ca_kabuli_chr06	21489040	[G/C]	1067300080
Ca_Kabuli_NC_021165.1_21489042	Ca_kabuli_chr06	21489042	[T/C]	1067300081
Ca_Kabuli_NC_021165.1_21489049	Ca_kabuli_chr06	21489049	[A/C]	1067300082
Ca_Kabuli_NC_021165.1_21489060	Ca_kabuli_chr06	21489060	[T/C]	1067300083
Ca_Kabuli_NC_021165.1_21497487	Ca_kabuli_chr06	21497487	[A/G]	1067300084
Ca_Kabuli_NC_021165.1_21506176	Ca_kabuli_chr06	21506176	[A/G]	1067300085
Ca_Kabuli_NC_021165.1_21506184	Ca_kabuli_chr06	21506184	[T/C]	1067300086
Ca_Kabuli_NC_021165.1_21506246	Ca_kabuli_chr06	21506246	[T/C]	1067300087
Ca_Kabuli_NC_021165.1_21506288	Ca_kabuli_chr06	21506288	[T/G]	1067300088

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_21548490	Ca_kabuli_chr06	21548490	[T/A]	1067300091
Ca_Kabuli_NC_021165.1_21576795	Ca_kabuli_chr06	21576795	[A/G]	1067300092
Ca_Kabuli_NC_021165.1_21601413	Ca_kabuli_chr06	21601413	[A/T]	1067300093
Ca_Kabuli_NC_021165.1_21601419	Ca_kabuli_chr06	21601419	[A/C]	1067300094
Ca_Kabuli_NC_021165.1_21601435	Ca_kabuli_chr06	21601435	[A/C]	1067300095
Ca_Kabuli_NC_021165.1_21603167	Ca_kabuli_chr06	21603167	[A/C]	1067300096
Ca_Kabuli_NC_021165.1_21675741	Ca_kabuli_chr06	21675741	[T/G]	1067300097
Ca_Kabuli_NC_021165.1_21675839	Ca_kabuli_chr06	21675839	[A/T]	1067300098
Ca_Kabuli_NC_021165.1_21683880	Ca_kabuli_chr06	21683880	[A/C]	1067300099
Ca_Kabuli_NC_021165.1_21718696	Ca_kabuli_chr06	21718696	[A/C]	1067300100
Ca_Kabuli_NC_021165.1_21718891	Ca_kabuli_chr06	21718891	[A/C]	1067300101
Ca_Kabuli_NC_021165.1_21809707	Ca_kabuli_chr06	21809707	[T/C]	1067300102
Ca_Kabuli_NC_021165.1_21809727	Ca_kabuli_chr06	21809727	[T/A]	1067300103
Ca_Kabuli_NC_021165.1_21809746	Ca_kabuli_chr06	21809746	[A/T]	1067300104
Ca_Kabuli_NC_021165.1_21865952	Ca_kabuli_chr06	21865952	[A/G]	1067300105
Ca_Kabuli_NC_021165.1_21914401	Ca_kabuli_chr06	21914401	[T/C]	1067300106
Ca_Kabuli_NC_021165.1_21914411	Ca_kabuli_chr06	21914411	[T/C]	1067300107
Ca_Kabuli_NC_021165.1_21914418	Ca_kabuli_chr06	21914418	[A/G]	1067300108
Ca_Kabuli_NC_021165.1_21917906	Ca_kabuli_chr06	21917906	[T/A]	1067300109
Ca_Kabuli_NC_021165.1_21917910	Ca_kabuli_chr06	21917910	[T/G]	1067300110
Ca_Kabuli_NC_021165.1_22016054	Ca_kabuli_chr06	22016054	[T/C]	1067300111
Ca_Kabuli_NC_021165.1_22017276	Ca_kabuli_chr06	22017276	[A/C]	1067300112
Ca_Kabuli_NC_021165.1_22017280	Ca_kabuli_chr06	22017280	[A/C]	1067300113
Ca_Kabuli_NC_021165.1_22017312	Ca_kabuli_chr06	22017312	[A/C]	1067300114
Ca_Kabuli_NC_021165.1_22019758	Ca_kabuli_chr06	22019758	[A/C]	1067300115
Ca_Kabuli_NC_021165.1_22019762	Ca_kabuli_chr06	22019762	[T/C]	1067300116
Ca_Kabuli_NC_021165.1_22019764	Ca_kabuli_chr06	22019764	[G/T]	1067300117
Ca_Kabuli_NC_021165.1_22071718	Ca_kabuli_chr06	22071718	[T/C]	1067300118
Ca_Kabuli_NC_021165.1_22071762	Ca_kabuli_chr06	22071762	[A/C]	1067300119
Ca_Kabuli_NC_021165.1_22074776	Ca_kabuli_chr06	22074776	[T/C]	1067300120
Ca_Kabuli_NC_021165.1_22074780	Ca_kabuli_chr06	22074780	[A/G]	1067300121
Ca_Kabuli_NC_021165.1_22074812	Ca_kabuli_chr06	22074812	[T/G]	1067300122

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_22074818	Ca_kabuli_chr06	22074818	[A/C]	1067300123
Ca_Kabuli_NC_021165.1_22074828	Ca_kabuli_chr06	22074828	[A/G]	1067300124
Ca_Kabuli_NC_021165.1_22074836	Ca_kabuli_chr06	22074836	[T/A]	1067300125
Ca_Kabuli_NC_021165.1_22079140	Ca_kabuli_chr06	22079140	[A/G]	1067300126
Ca_Kabuli_NC_021165.1_22120904	Ca_kabuli_chr06	22120904	[A/T]	1067300127
Ca_Kabuli_NC_021165.1_22137481	Ca_kabuli_chr06	22137481	[A/T]	1067300128
Ca_Kabuli_NC_021165.1_22192498	Ca_kabuli_chr06	22192498	[A/C]	1067300129
Ca_Kabuli_NC_021165.1_22194363	Ca_kabuli_chr06	22194363	[T/G]	1067300130
Ca_Kabuli_NC_021165.1_22201184	Ca_kabuli_chr06	22201184	[A/T]	1067300131
Ca_Kabuli_NC_021165.1_22201672	Ca_kabuli_chr06	22201672	[A/T]	1067300132
Ca_Kabuli_NC_021165.1_22201696	Ca_kabuli_chr06	22201696	[A/C]	1067300133
Ca_Kabuli_NC_021165.1_22201699	Ca_kabuli_chr06	22201699	[G/T]	1067300134
Ca_Kabuli_NC_021165.1_22208093	Ca_kabuli_chr06	22208093	[G/A]	1067300135
Ca_Kabuli_NC_021165.1_22208126	Ca_kabuli_chr06	22208126	[T/G]	1067300136
Ca_Kabuli_NC_021165.1_22208136	Ca_kabuli_chr06	22208136	[A/G]	1067300137
Ca_Kabuli_NC_021165.1_22208617	Ca_kabuli_chr06	22208617	[A/T]	1067300138
Ca_Kabuli_NC_021165.1_22208644	Ca_kabuli_chr06	22208644	[G/T]	1067300139
Ca_Kabuli_NC_021165.1_22208645	Ca_kabuli_chr06	22208645	[T/C]	1067300140
Ca_Kabuli_NC_021165.1_22213998	Ca_kabuli_chr06	22213998	[A/G]	1067300141
Ca_Kabuli_NC_021165.1_22214020	Ca_kabuli_chr06	22214020	[T/A]	1067300142
Ca_Kabuli_NC_021165.1_22230125	Ca_kabuli_chr06	22230125	[T/G]	1067300143
Ca_Kabuli_NC_021165.1_22267268	Ca_kabuli_chr06	22267268	[A/G]	1067300144
Ca_Kabuli_NC_021165.1_22267284	Ca_kabuli_chr06	22267284	[T/C]	1067300145
Ca_Kabuli_NC_021165.1_22278433	Ca_kabuli_chr06	22278433	[T/G]	1067300146
Ca_Kabuli_NC_021165.1_22278486	Ca_kabuli_chr06	22278486	[A/C]	1067300147
Ca_Kabuli_NC_021165.1_22278509	Ca_kabuli_chr06	22278509	[A/T]	1067300148
Ca_Kabuli_NC_021165.1_22295809	Ca_kabuli_chr06	22295809	[T/C]	1067300149
Ca_Kabuli_NC_021165.1_22334099	Ca_kabuli_chr06	22334099	[A/C]	1067300150
Ca_Kabuli_NC_021165.1_22334620	Ca_kabuli_chr06	22334620	[A/G]	1067300151
Ca_Kabuli_NC_021165.1_22334625	Ca_kabuli_chr06	22334625	[A/G]	1067300152
Ca_Kabuli_NC_021165.1_22334895	Ca_kabuli_chr06	22334895	[A/C]	1067300153
Ca_Kabuli_NC_021165.1_22334937	Ca_kabuli_chr06	22334937	[A/G]	1067300154
Ca_Kabuli_NC_021165.1_22354677	Ca_kabuli_chr06	22354677	[T/C]	1067300155
Ca_Kabuli_NC_021165.1_22372330	Ca_kabuli_chr06	22372330	[A/G]	1067300156

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_22951298	Ca_kabuli_chr06	22951298	[A/T]	1067300158
Ca_Kabuli_NC_021165.1_22951337	Ca_kabuli_chr06	22951337	[T/G]	1067300159
Ca_Kabuli_NC_021165.1_22951342	Ca_kabuli_chr06	22951342	[G/A]	1067300160
Ca_Kabuli_NC_021165.1_22965837	Ca_kabuli_chr06	22965837	[T/G]	1067300161
Ca_Kabuli_NC_021165.1_22965838	Ca_kabuli_chr06	22965838	[A/T]	1067300162
Ca_Kabuli_NC_021165.1_23010554	Ca_kabuli_chr06	23010554	[A/C]	1067300163
Ca_Kabuli_NC_021165.1_23010560	Ca_kabuli_chr06	23010560	[T/C]	1067300164
Ca_Kabuli_NC_021165.1_23014707	Ca_kabuli_chr06	23014707	[A/G]	1067300165
Ca_Kabuli_NC_021165.1_23014711	Ca_kabuli_chr06	23014711	[A/T]	1067300166
Ca_Kabuli_NC_021165.1_23014716	Ca_kabuli_chr06	23014716	[A/T]	1067300167
Ca_Kabuli_NC_021165.1_23014721	Ca_kabuli_chr06	23014721	[T/C]	1067300168
Ca_Kabuli_NC_021165.1_23023346	Ca_kabuli_chr06	23023346	[C/A]	1067300169
Ca_Kabuli_NC_021165.1_23039459	Ca_kabuli_chr06	23039459	[C/T]	1067300170
Ca_Kabuli_NC_021165.1_23128543	Ca_kabuli_chr06	23128543	[T/G]	1067300171
Ca_Kabuli_NC_021165.1_23139867	Ca_kabuli_chr06	23139867	[A/G]	1067300172
Ca_Kabuli_NC_021165.1_23139881	Ca_kabuli_chr06	23139881	[T/C]	1067300173
Ca_Kabuli_NC_021165.1_23145612	Ca_kabuli_chr06	23145612	[A/T]	1067300174
Ca_Kabuli_NC_021165.1_23145617	Ca_kabuli_chr06	23145617	[A/T]	1067300175
Ca_Kabuli_NC_021165.1_23145621	Ca_kabuli_chr06	23145621	[T/G]	1067300176
Ca_Kabuli_NC_021165.1_23145625	Ca_kabuli_chr06	23145625	[A/C]	1067300177
Ca_Kabuli_NC_021165.1_23166428	Ca_kabuli_chr06	23166428	[A/T]	1067300178
Ca_Kabuli_NC_021165.1_23199360	Ca_kabuli_chr06	23199360	[T/C]	1067300179
Ca_Kabuli_NC_021165.1_23254618	Ca_kabuli_chr06	23254618	[T/A]	1067300180
Ca_Kabuli_NC_021165.1_23284951	Ca_kabuli_chr06	23284951	[A/G]	1067300181
Ca_Kabuli_NC_021165.1_23284956	Ca_kabuli_chr06	23284956	[A/G]	1067300182
Ca_Kabuli_NC_021165.1_23284957	Ca_kabuli_chr06	23284957	[A/G]	1067300183
Ca_Kabuli_NC_021165.1_23284978	Ca_kabuli_chr06	23284978	[T/C]	1067300184
Ca_Kabuli_NC_021165.1_23298861	Ca_kabuli_chr06	23298861	[A/T]	1067300185
Ca_Kabuli_NC_021165.1_23298877	Ca_kabuli_chr06	23298877	[T/C]	1067300186
Ca_Kabuli_NC_021165.1_23380701	Ca_kabuli_chr06	23380701	[T/G]	1067300187
Ca_Kabuli_NC_021165.1_23380886	Ca_kabuli_chr06	23380886	[A/G]	1067300188
Ca_Kabuli_NC_021165.1_23405638	Ca_kabuli_chr06	23405638	[A/G]	1067300189
Ca_Kabuli_NC_021165.1_23423091	Ca_kabuli_chr06	23423091	[T/C]	1067300190



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_23426440	Ca_kabuli_chr06	23426440	[T/C]	1067300193
Ca_Kabuli_NC_021165.1_23435814	Ca_kabuli_chr06	23435814	[T/C]	1067300194
Ca_Kabuli_NC_021165.1_23461650	Ca_kabuli_chr06	23461650	[C/T]	1067300195
Ca_Kabuli_NC_021165.1_23478806	Ca_kabuli_chr06	23478806	[A/C]	1067300196
Ca_Kabuli_NC_021165.1_23478807	Ca_kabuli_chr06	23478807	[G/C]	1067300197
Ca_Kabuli_NC_021165.1_23478808	Ca_kabuli_chr06	23478808	[A/T]	1067300198
Ca_Kabuli_NC_021165.1_23478809	Ca_kabuli_chr06	23478809	[T/G]	1067300199
Ca_Kabuli_NC_021165.1_23483861	Ca_kabuli_chr06	23483861	[A/G]	1067300200
Ca_Kabuli_NC_021165.1_23483863	Ca_kabuli_chr06	23483863	[A/G]	1067300201
Ca_Kabuli_NC_021165.1_23483878	Ca_kabuli_chr06	23483878	[A/C]	1067300202
Ca_Kabuli_NC_021165.1_23483880	Ca_kabuli_chr06	23483880	[T/C]	1067300203
Ca_Kabuli_NC_021165.1_23507024	Ca_kabuli_chr06	23507024	[A/C]	1067300204
Ca_Kabuli_NC_021165.1_23549267	Ca_kabuli_chr06	23549267	[G/T]	1067300205
Ca_Kabuli_NC_021165.1_23611565	Ca_kabuli_chr06	23611565	[T/C]	1067300206
Ca_Kabuli_NC_021165.1_23611584	Ca_kabuli_chr06	23611584	[A/G]	1067300207
Ca_Kabuli_NC_021165.1_23629137	Ca_kabuli_chr06	23629137	[T/G]	1067300208
Ca_Kabuli_NC_021165.1_23629152	Ca_kabuli_chr06	23629152	[T/G]	1067300209
Ca_Kabuli_NC_021165.1_23629160	Ca_kabuli_chr06	23629160	[A/C]	1067300210
Ca_Kabuli_NC_021165.1_23638374	Ca_kabuli_chr06	23638374	[T/C]	1067300211
Ca_Kabuli_NC_021165.1_23638386	Ca_kabuli_chr06	23638386	[A/G]	1067300212
Ca_Kabuli_NC_021165.1_23638403	Ca_kabuli_chr06	23638403	[G/A]	1067300213
Ca_Kabuli_NC_021165.1_23638405	Ca_kabuli_chr06	23638405	[G/T]	1067300214
Ca_Kabuli_NC_021165.1_23638414	Ca_kabuli_chr06	23638414	[T/G]	1067300215
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Ca_Kabuli_NC_021165.1_23638858	Ca_kabuli_chr06	23638858	[A/C]	1067300217
Ca_Kabuli_NC_021165.1_23638861	Ca_kabuli_chr06	23638861	[A/G]	1067300218
Ca_Kabuli_NC_021165.1_23638891	Ca_kabuli_chr06	23638891	[A/G]	1067300219
Ca_Kabuli_NC_021165.1_23694398	Ca_kabuli_chr06	23694398	[T/G]	1067300220
Ca_Kabuli_NC_021165.1_23696788	Ca_kabuli_chr06	23696788	[C/A]	1067300221
Ca_Kabuli_NC_021165.1_23696789	Ca_kabuli_chr06	23696789	[T/G]	1067300222
Ca_Kabuli_NC_021165.1_23725184	Ca_kabuli_chr06	23725184	[T/C]	1067300223
Ca_Kabuli_NC_021165.1_23725223	Ca_kabuli_chr06	23725223	[A/G]	1067300224

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_23776635	Ca_kabuli_chr06	23776635	[A/G]	1067300226
Ca_Kabuli_NC_021165.1_23776650	Ca_kabuli_chr06	23776650	[G/C]	1067300227
Ca_Kabuli_NC_021165.1_23776668	Ca_kabuli_chr06	23776668	[C/T]	1067300228
Ca_Kabuli_NC_021165.1_23803958	Ca_kabuli_chr06	23803958	[C/A]	1067300229
Ca_Kabuli_NC_021165.1_23803959	Ca_kabuli_chr06	23803959	[T/G]	1067300230
Ca_Kabuli_NC_021165.1_23803961	Ca_kabuli_chr06	23803961	[A/T]	1067300231
Ca_Kabuli_NC_021165.1_23809138	Ca_kabuli_chr06	23809138	[T/C]	1067300232
Ca_Kabuli_NC_021165.1_23809163	Ca_kabuli_chr06	23809163	[A/T]	1067300233
Ca_Kabuli_NC_021165.1_23811391	Ca_kabuli_chr06	23811391	[T/C]	1067300234
Ca_Kabuli_NC_021165.1_23845403	Ca_kabuli_chr06	23845403	[A/T]	1067300235
Ca_Kabuli_NC_021165.1_23853493	Ca_kabuli_chr06	23853493	[A/C]	1067300236
Ca_Kabuli_NC_021165.1_23884409	Ca_kabuli_chr06	23884409	[A/C]	1067300237
Ca_Kabuli_NC_021165.1_23884429	Ca_kabuli_chr06	23884429	[A/T]	1067300238
Ca_Kabuli_NC_021165.1_23884437	Ca_kabuli_chr06	23884437	[A/T]	1067300239
Ca_Kabuli_NC_021165.1_23890859	Ca_kabuli_chr06	23890859	[T/C]	1067300240
Ca_Kabuli_NC_021165.1_23890863	Ca_kabuli_chr06	23890863	[A/C]	1067300241
Ca_Kabuli_NC_021165.1_23891044	Ca_kabuli_chr06	23891044	[G/T]	1067300242
Ca_Kabuli_NC_021165.1_23953716	Ca_kabuli_chr06	23953716	[A/C]	1067300243
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Ca_Kabuli_NC_021165.1_23989568	Ca_kabuli_chr06	23989568	[A/G]	1067300246
Ca_Kabuli_NC_021165.1_24085806	Ca_kabuli_chr06	24085806	[A/G]	1067300247
Ca_Kabuli_NC_021165.1_24174935	Ca_kabuli_chr06	24174935	[A/C]	1067300248
Ca_Kabuli_NC_021165.1_24174943	Ca_kabuli_chr06	24174943	[T/C]	1067300249
Ca_Kabuli_NC_021165.1_24176032	Ca_kabuli_chr06	24176032	[A/T]	1067300250
Ca_Kabuli_NC_021165.1_24235632	Ca_kabuli_chr06	24235632	[C/T]	1067300251
Ca_Kabuli_NC_021165.1_24235675	Ca_kabuli_chr06	24235675	[C/T]	1067300252
Ca_Kabuli_NC_021165.1_24255403	Ca_kabuli_chr06	24255403	[A/C]	1067300253
Ca_Kabuli_NC_021165.1_24260542	Ca_kabuli_chr06	24260542	[A/C]	1067300254
Ca_Kabuli_NC_021165.1_24302301	Ca_kabuli_chr06	24302301	[T/C]	1067300255
Ca_Kabuli_NC_021165.1_24302326	Ca_kabuli_chr06	24302326	[A/T]	1067300256
Ca_Kabuli_NC_021165.1_24315209	Ca_kabuli_chr06	24315209	[T/A]	1067300257
Ca_Kabuli_NC_021165.1_24315210	Ca_kabuli_chr06	24315210	[A/T]	1067300258

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_24413658	Ca_kabuli_chr06	24413658	[T/G]	1067300261
Ca_Kabuli_NC_021165.1_24413663	Ca_kabuli_chr06	24413663	[T/G]	1067300262
Ca_Kabuli_NC_021165.1_24413715	Ca_kabuli_chr06	24413715	[T/G]	1067300263
Ca_Kabuli_NC_021165.1_24414475	Ca_kabuli_chr06	24414475	[T/C]	1067300264
Ca_Kabuli_NC_021165.1_24414518	Ca_kabuli_chr06	24414518	[A/G]	1067300265
Ca_Kabuli_NC_021165.1_24479389	Ca_kabuli_chr06	24479389	[G/T]	1067300266
Ca_Kabuli_NC_021165.1_24480359	Ca_kabuli_chr06	24480359	[C/A]	1067300267
Ca_Kabuli_NC_021165.1_24482001	Ca_kabuli_chr06	24482001	[A/G]	1067300268
Ca_Kabuli_NC_021165.1_24482026	Ca_kabuli_chr06	24482026	[T/C]	1067300269
Ca_Kabuli_NC_021165.1_24482112	Ca_kabuli_chr06	24482112	[T/G]	1067300270
Ca_Kabuli_NC_021165.1_24482886	Ca_kabuli_chr06	24482886	[T/C]	1067300271
Ca_Kabuli_NC_021165.1_24482903	Ca_kabuli_chr06	24482903	[A/G]	1067300272
Ca_Kabuli_NC_021165.1_24482930	Ca_kabuli_chr06	24482930	[A/G]	1067300273
Ca_Kabuli_NC_021165.1_24498895	Ca_kabuli_chr06	24498895	[C/A]	1067300274
Ca_Kabuli_NC_021165.1_24498913	Ca_kabuli_chr06	24498913	[T/C]	1067300275
Ca_Kabuli_NC_021165.1_24498915	Ca_kabuli_chr06	24498915	[T/C]	1067300276
Ca_Kabuli_NC_021165.1_24498923	Ca_kabuli_chr06	24498923	[G/A]	1067300277
Ca_Kabuli_NC_021165.1_24516532	Ca_kabuli_chr06	24516532	[T/C]	1067300278
Ca_Kabuli_NC_021165.1_24547068	Ca_kabuli_chr06	24547068	[T/C]	1067300279
Ca_Kabuli_NC_021165.1_24547091	Ca_kabuli_chr06	24547091	[A/G]	1067300280
Ca_Kabuli_NC_021165.1_24586211	Ca_kabuli_chr06	24586211	[T/C]	1067300281
Ca_Kabuli_NC_021165.1_24587441	Ca_kabuli_chr06	24587441	[T/G]	1067300282
Ca_Kabuli_NC_021165.1_24587450	Ca_kabuli_chr06	24587450	[A/C]	1067300283
Ca_Kabuli_NC_021165.1_24591538	Ca_kabuli_chr06	24591538	[A/C]	1067300284
Ca_Kabuli_NC_021165.1_24626243	Ca_kabuli_chr06	24626243	[T/G]	1067300285
Ca_Kabuli_NC_021165.1_24641070	Ca_kabuli_chr06	24641070	[T/A]	1067300286
Ca_Kabuli_NC_021165.1_24644774	Ca_kabuli_chr06	24644774	[A/T]	1067300287
Ca_Kabuli_NC_021165.1_24644801	Ca_kabuli_chr06	24644801	[T/C]	1067300288
Ca_Kabuli_NC_021165.1_24662651	Ca_kabuli_chr06	24662651	[C/A]	1067300289
Ca_Kabuli_NC_021165.1_24662663	Ca_kabuli_chr06	24662663	[T/A]	1067300290
Ca_Kabuli_NC_021165.1_24665173	Ca_kabuli_chr06	24665173	[A/T]	1067300291
Ca_Kabuli_NC_021165.1_25105495	Ca_kabuli_chr06	25105495	[A/G]	1067300292

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_25351931	Ca_kabuli_chr06	25351931	[G/A]	1067300294
Ca_Kabuli_NC_021165.1_25351956	Ca_kabuli_chr06	25351956	[G/A]	1067300295
Ca_Kabuli_NC_021165.1_25574922	Ca_kabuli_chr06	25574922	[C/T]	1067300296
Ca_Kabuli_NC_021165.1_25574923	Ca_kabuli_chr06	25574923	[C/T]	1067300297
Ca_Kabuli_NC_021165.1_25575045	Ca_kabuli_chr06	25575045	[C/A]	1067300298
Ca_Kabuli_NC_021165.1_25626711	Ca_kabuli_chr06	25626711	[C/T]	1067300299
Ca_Kabuli_NC_021165.1_25853851	Ca_kabuli_chr06	25853851	[A/C]	1067300300
Ca_Kabuli_NC_021165.1_26151459	Ca_kabuli_chr06	26151459	[G/T]	1067300301
Ca_Kabuli_NC_021165.1_26151464	Ca_kabuli_chr06	26151464	[T/C]	1067300302
Ca_Kabuli_NC_021165.1_26151466	Ca_kabuli_chr06	26151466	[A/C]	1067300303
Ca_Kabuli_NC_021165.1_26345328	Ca_kabuli_chr06	26345328	[A/G]	1067300304
Ca_Kabuli_NC_021165.1_26345343	Ca_kabuli_chr06	26345343	[C/T]	1067300305
Ca_Kabuli_NC_021165.1_26353512	Ca_kabuli_chr06	26353512	[C/T]	1067300306
Ca_Kabuli_NC_021165.1_26353559	Ca_kabuli_chr06	26353559	[C/A]	1067300307
Ca_Kabuli_NC_021165.1_26353560	Ca_kabuli_chr06	26353560	[A/G]	1067300308
Ca_Kabuli_NC_021165.1_26353740	Ca_kabuli_chr06	26353740	[G/C]	1067300309
Ca_Kabuli_NC_021165.1_26357454	Ca_kabuli_chr06	26357454	[A/G]	1067300310
Ca_Kabuli_NC_021165.1_26360358	Ca_kabuli_chr06	26360358	[T/C]	1067300311
Ca_Kabuli_NC_021165.1_26383500	Ca_kabuli_chr06	26383500	[C/G]	1067300312
Ca_Kabuli_NC_021165.1_26427048	Ca_kabuli_chr06	26427048	[T/C]	1067300313
Ca_Kabuli_NC_021165.1_26551633	Ca_kabuli_chr06	26551633	[T/C]	1067300314
Ca_Kabuli_NC_021165.1_26655933	Ca_kabuli_chr06	26655933	[T/G]	1067300315
Ca_Kabuli_NC_021165.1_26655963	Ca_kabuli_chr06	26655963	[T/G]	1067300316
Ca_Kabuli_NC_021165.1_26701813	Ca_kabuli_chr06	26701813	[T/C]	1067300317
Ca_Kabuli_NC_021165.1_26769041	Ca_kabuli_chr06	26769041	[A/C]	1067300318
Ca_Kabuli_NC_021165.1_26769051	Ca_kabuli_chr06	26769051	[T/C]	1067300319
Ca_Kabuli_NC_021165.1_26769079	Ca_kabuli_chr06	26769079	[A/G]	1067300320
Ca_Kabuli_NC_021165.1_26769085	Ca_kabuli_chr06	26769085	[T/A]	1067300321
Ca_Kabuli_NC_021165.1_27053199	Ca_kabuli_chr06	27053199	[G/A]	1067300322
Ca_Kabuli_NC_021165.1_27053229	Ca_kabuli_chr06	27053229	[A/C]	1067300323
Ca_Kabuli_NC_021165.1_27053289	Ca_kabuli_chr06	27053289	[T/G]	1067300324
Ca_Kabuli_NC_021165.1_27053301	Ca_kabuli_chr06	27053301	[T/G]	1067300325
Ca_Kabuli_NC_021165.1_27053349	Ca_kabuli_chr06	27053349	[A/T]	1067300326

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_27091883	Ca_kabuli_chr06	27091883	[G/A]	1067300329
Ca_Kabuli_NC_021165.1_27091920	Ca_kabuli_chr06	27091920	[A/C]	1067300330
Ca_Kabuli_NC_021165.1_27091988	Ca_kabuli_chr06	27091988	[A/C]	1067300331
Ca_Kabuli_NC_021165.1_27122415	Ca_kabuli_chr06	27122415	[T/C]	1067300332
Ca_Kabuli_NC_021165.1_27122451	Ca_kabuli_chr06	27122451	[A/G]	1067300333
Ca_Kabuli_NC_021165.1_27192605	Ca_kabuli_chr06	27192605	[T/G]	1067300334
Ca_Kabuli_NC_021165.1_27223303	Ca_kabuli_chr06	27223303	[T/C]	1067300335
Ca_Kabuli_NC_021165.1_27223327	Ca_kabuli_chr06	27223327	[A/G]	1067300336
Ca_Kabuli_NC_021165.1_27223329	Ca_kabuli_chr06	27223329	[T/C]	1067300337
Ca_Kabuli_NC_021165.1_27223336	Ca_kabuli_chr06	27223336	[T/G]	1067300338
Ca_Kabuli_NC_021165.1_27229201	Ca_kabuli_chr06	27229201	[T/C]	1067300339
Ca_Kabuli_NC_021165.1_27229202	Ca_kabuli_chr06	27229202	[G/T]	1067300340
Ca_Kabuli_NC_021165.1_27310343	Ca_kabuli_chr06	27310343	[T/A]	1067300341
Ca_Kabuli_NC_021165.1_27310344	Ca_kabuli_chr06	27310344	[T/A]	1067300342
Ca_Kabuli_NC_021165.1_27326400	Ca_kabuli_chr06	27326400	[A/C]	1067300343
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Ca_Kabuli_NC_021165.1_27331816	Ca_kabuli_chr06	27331816	[T/G]	1067300347
Ca_Kabuli_NC_021165.1_27331818	Ca_kabuli_chr06	27331818	[A/T]	1067300348
Ca_Kabuli_NC_021165.1_27331819	Ca_kabuli_chr06	27331819	[A/C]	1067300349
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Ca_Kabuli_NC_021165.1_27332663	Ca_kabuli_chr06	27332663	[A/T]	1067300353
Ca_Kabuli_NC_021165.1_27383733	Ca_kabuli_chr06	27383733	[T/C]	1067300354
Ca_Kabuli_NC_021165.1_27383744	Ca_kabuli_chr06	27383744	[T/G]	1067300355
Ca_Kabuli_NC_021165.1_27383745	Ca_kabuli_chr06	27383745	[T/G]	1067300356
Ca_Kabuli_NC_021165.1_27383746	Ca_kabuli_chr06	27383746	[T/A]	1067300357
Ca_Kabuli_NC_021165.1_27383748	Ca_kabuli_chr06	27383748	[A/G]	1067300358
Ca_Kabuli_NC_021165.1_27385025	Ca_kabuli_chr06	27385025	[A/G]	1067300359
Ca_Kabuli_NC_021165.1_27515293	Ca_kabuli_chr06	27515293	[A/G]	1067300360

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_27621978	Ca_kabuli_chr06	27621978	[A/T]	1067300363
Ca_Kabuli_NC_021165.1_27621992	Ca_kabuli_chr06	27621992	[T/C]	1067300364
Ca_Kabuli_NC_021165.1_27622022	Ca_kabuli_chr06	27622022	[T/A]	1067300365
Ca_Kabuli_NC_021165.1_27622044	Ca_kabuli_chr06	27622044	[T/A]	1067300366
Ca_Kabuli_NC_021165.1_27710490	Ca_kabuli_chr06	27710490	[G/C]	1067300367
Ca_Kabuli_NC_021165.1_27710496	Ca_kabuli_chr06	27710496	[G/C]	1067300368
Ca_Kabuli_NC_021165.1_27710498	Ca_kabuli_chr06	27710498	[T/C]	1067300369
Ca_Kabuli_NC_021165.1_27710509	Ca_kabuli_chr06	27710509	[T/A]	1067300370
Ca_Kabuli_NC_021165.1_27787753	Ca_kabuli_chr06	27787753	[A/C]	1067300371
Ca_Kabuli_NC_021165.1_27787764	Ca_kabuli_chr06	27787764	[A/G]	1067300372
Ca_Kabuli_NC_021165.1_27932027	Ca_kabuli_chr06	27932027	[A/T]	1067300373
Ca_Kabuli_NC_021165.1_27986981	Ca_kabuli_chr06	27986981	[T/G]	1067300374
Ca_Kabuli_NC_021165.1_27987009	Ca_kabuli_chr06	27987009	[T/G]	1067300375
Ca_Kabuli_NC_021165.1_27987027	Ca_kabuli_chr06	27987027	[C/G]	1067300376
Ca_Kabuli_NC_021165.1_28044768	Ca_kabuli_chr06	28044768	[A/G]	1067300377
Ca_Kabuli_NC_021165.1_28044805	Ca_kabuli_chr06	28044805	[A/T]	1067300378
Ca_Kabuli_NC_021165.1_28044828	Ca_kabuli_chr06	28044828	[T/C]	1067300379
Ca_Kabuli_NC_021165.1_28045047	Ca_kabuli_chr06	28045047	[G/T]	1067300380
Ca_Kabuli_NC_021165.1_28052463	Ca_kabuli_chr06	28052463	[T/G]	1067300381
Ca_Kabuli_NC_021165.1_28074358	Ca_kabuli_chr06	28074358	[T/G]	1067300382
Ca_Kabuli_NC_021165.1_28076458	Ca_kabuli_chr06	28076458	[A/G]	1067300383
Ca_Kabuli_NC_021165.1_28077304	Ca_kabuli_chr06	28077304	[A/T]	1067300384
Ca_Kabuli_NC_021165.1_28077319	Ca_kabuli_chr06	28077319	[T/C]	1067300385
Ca_Kabuli_NC_021165.1_28077420	Ca_kabuli_chr06	28077420	[C/A]	1067300386
Ca_Kabuli_NC_021165.1_28077421	Ca_kabuli_chr06	28077421	[T/G]	1067300387
Ca_Kabuli_NC_021165.1_28077422	Ca_kabuli_chr06	28077422	[G/A]	1067300388
Ca_Kabuli_NC_021165.1_28177371	Ca_kabuli_chr06	28177371	[T/G]	1067300389
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Ca_Kabuli_NC_021165.1_28177397	Ca_kabuli_chr06	28177397	[A/C]	1067300391
Ca_Kabuli_NC_021165.1_28177400	Ca_kabuli_chr06	28177400	[T/C]	1067300392
Ca_Kabuli_NC_021165.1_28177429	Ca_kabuli_chr06	28177429	[A/C]	1067300393
Ca_Kabuli_NC_021165.1_28177469	Ca_kabuli_chr06	28177469	[T/C]	1067300394

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_28325435	Ca_kabuli_chr06	28325435	[A/C]	1067300397
Ca_Kabuli_NC_021165.1_28325513	Ca_kabuli_chr06	28325513	[T/C]	1067300398
Ca_Kabuli_NC_021165.1_28325519	Ca_kabuli_chr06	28325519	[T/C]	1067300399
Ca_Kabuli_NC_021165.1_28325531	Ca_kabuli_chr06	28325531	[A/G]	1067300400
Ca_Kabuli_NC_021165.1_28325568	Ca_kabuli_chr06	28325568	[A/G]	1067300401
Ca_Kabuli_NC_021165.1_28325574	Ca_kabuli_chr06	28325574	[A/G]	1067300402
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Ca_Kabuli_NC_021165.1_28325590	Ca_kabuli_chr06	28325590	[A/G]	1067300404
Ca_Kabuli_NC_021165.1_28453063	Ca_kabuli_chr06	28453063	[G/A]	1067300405
Ca_Kabuli_NC_021165.1_28575488	Ca_kabuli_chr06	28575488	[A/G]	1067300406
Ca_Kabuli_NC_021165.1_28575493	Ca_kabuli_chr06	28575493	[T/C]	1067300407
Ca_Kabuli_NC_021165.1_28575532	Ca_kabuli_chr06	28575532	[T/C]	1067300408
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Ca_Kabuli_NC_021165.1_28612933	Ca_kabuli_chr06	28612933	[A/G]	1067300410
Ca_Kabuli_NC_021165.1_28727489	Ca_kabuli_chr06	28727489	[A/G]	1067300411
Ca_Kabuli_NC_021165.1_28727524	Ca_kabuli_chr06	28727524	[A/G]	1067300412
Ca_Kabuli_NC_021165.1_28893384	Ca_kabuli_chr06	28893384	[A/T]	1067300413
Ca_Kabuli_NC_021165.1_28893404	Ca_kabuli_chr06	28893404	[A/C]	1067300414
Ca_Kabuli_NC_021165.1_28893408	Ca_kabuli_chr06	28893408	[A/G]	1067300415
Ca_Kabuli_NC_021165.1_28893432	Ca_kabuli_chr06	28893432	[C/A]	1067300416
Ca_Kabuli_NC_021165.1_28893435	Ca_kabuli_chr06	28893435	[A/C]	1067300417
Ca_Kabuli_NC_021165.1_28893442	Ca_kabuli_chr06	28893442	[G/C]	1067300418
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Ca_Kabuli_NC_021165.1_28893446	Ca_kabuli_chr06	28893446	[A/G]	1067300420
Ca_Kabuli_NC_021165.1_28916024	Ca_kabuli_chr06	28916024	[A/C]	1067300421
Ca_Kabuli_NC_021165.1_28916035	Ca_kabuli_chr06	28916035	[A/C]	1067300422
Ca_Kabuli_NC_021165.1_28917802	Ca_kabuli_chr06	28917802	[C/A]	1067300423
Ca_Kabuli_NC_021165.1_28917803	Ca_kabuli_chr06	28917803	[T/G]	1067300424
Ca_Kabuli_NC_021165.1_28917804	Ca_kabuli_chr06	28917804	[T/A]	1067300425
Ca_Kabuli_NC_021165.1_28917805	Ca_kabuli_chr06	28917805	[C/T]	1067300426
Ca_Kabuli_NC_021165.1_28990255	Ca_kabuli_chr06	28990255	[C/A]	1067300427
Ca_Kabuli_NC_021165.1_28990256	Ca_kabuli_chr06	28990256	[T/G]	1067300428

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_29203213	Ca_kabuli_chr06	29203213	[A/T]	1067300432
Ca_Kabuli_NC_021165.1_29203225	Ca_kabuli_chr06	29203225	[T/A]	1067300433
Ca_Kabuli_NC_021165.1_29203239	Ca_kabuli_chr06	29203239	[A/C]	1067300434
Ca_Kabuli_NC_021165.1_29203250	Ca_kabuli_chr06	29203250	[T/C]	1067300435
Ca_Kabuli_NC_021165.1_29205940	Ca_kabuli_chr06	29205940	[A/G]	1067300436
Ca_Kabuli_NC_021165.1_29277100	Ca_kabuli_chr06	29277100	[A/C]	1067300437
Ca_Kabuli_NC_021165.1_29277101	Ca_kabuli_chr06	29277101	[G/C]	1067300438
Ca_Kabuli_NC_021165.1_29338811	Ca_kabuli_chr06	29338811	[A/C]	1067300439
Ca_Kabuli_NC_021165.1_29498817	Ca_kabuli_chr06	29498817	[G/C]	1067300440
Ca_Kabuli_NC_021165.1_29689562	Ca_kabuli_chr06	29689562	[C/T]	1067300441
Ca_Kabuli_NC_021165.1_29870004	Ca_kabuli_chr06	29870004	[T/C]	1067300442
Ca_Kabuli_NC_021165.1_29870058	Ca_kabuli_chr06	29870058	[A/G]	1067300443
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Ca_Kabuli_NC_021165.1_30674057	Ca_kabuli_chr06	30674057	[A/G]	1067300454
Ca_Kabuli_NC_021165.1_30674068	Ca_kabuli_chr06	30674068	[A/C]	1067300455
Ca_Kabuli_NC_021165.1_30676075	Ca_kabuli_chr06	30676075	[A/C]	1067300456
Ca_Kabuli_NC_021165.1_30730608	Ca_kabuli_chr06	30730608	[G/T]	1067300457
Ca_Kabuli_NC_021165.1_30927228	Ca_kabuli_chr06	30927228	[T/A]	1067300458
Ca_Kabuli_NC_021165.1_30927240	Ca_kabuli_chr06	30927240	[T/C]	1067300459
Ca_Kabuli_NC_021165.1_31011646	Ca_kabuli_chr06	31011646	[A/T]	1067300460
Ca_Kabuli_NC_021165.1_31042117	Ca_kabuli_chr06	31042117	[T/C]	1067300461
Ca_Kabuli_NC_021165.1_31049113	Ca_kabuli_chr06	31049113	[T/A]	1067300462



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_31057806	Ca_kabuli_chr06	31057806	[C/T]	1067300463
Ca_Kabuli_NC_021165.1_31250732	Ca_kabuli_chr06	31250732	[A/C]	1067300464
Ca_Kabuli_NC_021165.1_31250840	Ca_kabuli_chr06	31250840	[C/A]	1067300465
Ca_Kabuli_NC_021165.1_31250841	Ca_kabuli_chr06	31250841	[A/G]	1067300466
Ca_Kabuli_NC_021165.1_31250843	Ca_kabuli_chr06	31250843	[A/T]	1067300467
Ca_Kabuli_NC_021165.1_31250844	Ca_kabuli_chr06	31250844	[T/C]	1067300468
Ca_Kabuli_NC_021165.1_31294555	Ca_kabuli_chr06	31294555	[T/C]	1067300469
Ca_Kabuli_NC_021165.1_31324962	Ca_kabuli_chr06	31324962	[A/C]	1067300470
Ca_Kabuli_NC_021165.1_31324976	Ca_kabuli_chr06	31324976	[A/G]	1067300471
Ca_Kabuli_NC_021165.1_31898794	Ca_kabuli_chr06	31898794	[A/T]	1067300472
Ca_Kabuli_NC_021165.1_31900733	Ca_kabuli_chr06	31900733	[A/G]	1067300473
Ca_Kabuli_NC_021165.1_31900738	Ca_kabuli_chr06	31900738	[T/A]	1067300474
Ca_Kabuli_NC_021165.1_31900757	Ca_kabuli_chr06	31900757	[A/G]	1067300475
Ca_Kabuli_NC_021165.1_31900768	Ca_kabuli_chr06	31900768	[A/C]	1067300476
Ca_Kabuli_NC_021165.1_31902048	Ca_kabuli_chr06	31902048	[A/C]	1067300477
Ca_Kabuli_NC_021165.1_31902111	Ca_kabuli_chr06	31902111	[A/G]	1067300478
Ca_Kabuli_NC_021165.1_31902122	Ca_kabuli_chr06	31902122	[A/C]	1067300479
Ca_Kabuli_NC_021165.1_31902127	Ca_kabuli_chr06	31902127	[A/G]	1067300480
Ca_Kabuli_NC_021165.1_31902147	Ca_kabuli_chr06	31902147	[T/A]	1067300481
Ca_Kabuli_NC_021165.1_31902165	Ca_kabuli_chr06	31902165	[A/T]	1067300482
Ca_Kabuli_NC_021165.1_31910391	Ca_kabuli_chr06	31910391	[T/C]	1067300483
Ca_Kabuli_NC_021165.1_31990438	Ca_kabuli_chr06	31990438	[C/T]	1067300484
Ca_Kabuli_NC_021165.1_32012370	Ca_kabuli_chr06	32012370	[T/C]	1067300485
Ca_Kabuli_NC_021165.1_32035932	Ca_kabuli_chr06	32035932	[C/A]	1067300486
Ca_Kabuli_NC_021165.1_32035933	Ca_kabuli_chr06	32035933	[T/G]	1067300487
Ca_Kabuli_NC_021165.1_32035934	Ca_kabuli_chr06	32035934	[G/A]	1067300488
Ca_Kabuli_NC_021165.1_32149994	Ca_kabuli_chr06	32149994	[A/G]	1067300489
Ca_Kabuli_NC_021165.1_32149996	Ca_kabuli_chr06	32149996	[A/T]	1067300490
Ca_Kabuli_NC_021165.1_32201431	Ca_kabuli_chr06	32201431	[A/G]	1067300491
Ca_Kabuli_NC_021165.1_32201432	Ca_kabuli_chr06	32201432	[G/C]	1067300492
Ca_Kabuli_NC_021165.1_32262837	Ca_kabuli_chr06	32262837	[T/A]	1067300493
Ca_Kabuli_NC_021165.1_32717450	Ca_kabuli_chr06	32717450	[A/G]	1067300494
Ca_Kabuli_NC_021165.1_32718707	Ca_kabuli_chr06	32718707	[A/T]	1067300495
Ca_Kabuli_NC_021165.1_32718749	Ca_kabuli_chr06	32718749	[A/C]	1067300496

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_33495705	Ca_kabuli_chr06	33495705	[G/T]	1067300499
Ca_Kabuli_NC_021165.1_33495707	Ca_kabuli_chr06	33495707	[G/A]	1067300500
Ca_Kabuli_NC_021165.1_33495711	Ca_kabuli_chr06	33495711	[C/T]	1067300501
Ca_Kabuli_NC_021165.1_33495714	Ca_kabuli_chr06	33495714	[A/G]	1067300502
Ca_Kabuli_NC_021165.1_33495716	Ca_kabuli_chr06	33495716	[G/C]	1067300503
Ca_Kabuli_NC_021165.1_33733242	Ca_kabuli_chr06	33733242	[A/G]	1067300504
Ca_Kabuli_NC_021165.1_33734198	Ca_kabuli_chr06	33734198	[T/G]	1067300505
Ca_Kabuli_NC_021165.1_33759054	Ca_kabuli_chr06	33759054	[T/G]	1067300506
Ca_Kabuli_NC_021165.1_33759903	Ca_kabuli_chr06	33759903	[A/C]	1067300507
Ca_Kabuli_NC_021165.1_34222034	Ca_kabuli_chr06	34222034	[G/A]	1067300508
Ca_Kabuli_NC_021165.1_34231196	Ca_kabuli_chr06	34231196	[C/A]	1067300509
Ca_Kabuli_NC_021165.1_34235488	Ca_kabuli_chr06	34235488	[T/G]	1067300510
Ca_Kabuli_NC_021165.1_34235592	Ca_kabuli_chr06	34235592	[G/A]	1067300511
Ca_Kabuli_NC_021165.1_34235593	Ca_kabuli_chr06	34235593	[T/A]	1067300512
Ca_Kabuli_NC_021165.1_34367857	Ca_kabuli_chr06	34367857	[A/C]	1067300513
Ca_Kabuli_NC_021165.1_34481203	Ca_kabuli_chr06	34481203	[T/A]	1067300514
Ca_Kabuli_NC_021165.1_34580525	Ca_kabuli_chr06	34580525	[G/C]	1067300515
Ca_Kabuli_NC_021165.1_34633673	Ca_kabuli_chr06	34633673	[T/C]	1067300516
Ca_Kabuli_NC_021165.1_34633741	Ca_kabuli_chr06	34633741	[T/G]	1067300517
Ca_Kabuli_NC_021165.1_34651998	Ca_kabuli_chr06	34651998	[T/G]	1067300518
Ca_Kabuli_NC_021165.1_34652026	Ca_kabuli_chr06	34652026	[A/T]	1067300519
Ca_Kabuli_NC_021165.1_34771240	Ca_kabuli_chr06	34771240	[T/C]	1067300520
Ca_Kabuli_NC_021165.1_34771284	Ca_kabuli_chr06	34771284	[T/A]	1067300521
Ca_Kabuli_NC_021165.1_34771294	Ca_kabuli_chr06	34771294	[G/A]	1067300522
Ca_Kabuli_NC_021165.1_34771296	Ca_kabuli_chr06	34771296	[G/A]	1067300523
Ca_Kabuli_NC_021165.1_35053206	Ca_kabuli_chr06	35053206	[T/C]	1067300524
Ca_Kabuli_NC_021165.1_35126241	Ca_kabuli_chr06	35126241	[T/G]	1067300525
Ca_Kabuli_NC_021165.1_35126359	Ca_kabuli_chr06	35126359	[C/A]	1067300526
Ca_Kabuli_NC_021165.1_35337971	Ca_kabuli_chr06	35337971	[A/G]	1067300527
Ca_Kabuli_NC_021165.1_35337974	Ca_kabuli_chr06	35337974	[A/C]	1067300528
Ca_Kabuli_NC_021165.1_35337983	Ca_kabuli_chr06	35337983	[A/G]	1067300529
Ca_Kabuli_NC_021165.1_35337990	Ca_kabuli_chr06	35337990	[T/A]	1067300530

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_35630149	Ca_kabuli_chr06	35630149	[A/G]	1067300533
Ca_Kabuli_NC_021165.1_35719930	Ca_kabuli_chr06	35719930	[A/G]	1067300534
Ca_Kabuli_NC_021165.1_35719986	Ca_kabuli_chr06	35719986	[T/C]	1067300535
Ca_Kabuli_NC_021165.1_35719999	Ca_kabuli_chr06	35719999	[A/G]	1067300536
Ca_Kabuli_NC_021165.1_35750935	Ca_kabuli_chr06	35750935	[G/A]	1067300537
Ca_Kabuli_NC_021165.1_35750946	Ca_kabuli_chr06	35750946	[G/T]	1067300538
Ca_Kabuli_NC_021165.1_35750948	Ca_kabuli_chr06	35750948	[C/A]	1067300539
Ca_Kabuli_NC_021165.1_35750951	Ca_kabuli_chr06	35750951	[A/G]	1067300540
Ca_Kabuli_NC_021165.1_35750955	Ca_kabuli_chr06	35750955	[T/C]	1067300541
Ca_Kabuli_NC_021165.1_35796236	Ca_kabuli_chr06	35796236	[T/C]	1067300542
Ca_Kabuli_NC_021165.1_36082910	Ca_kabuli_chr06	36082910	[G/C]	1067300543
Ca_Kabuli_NC_021165.1_36082922	Ca_kabuli_chr06	36082922	[T/C]	1067300544
Ca_Kabuli_NC_021165.1_36082937	Ca_kabuli_chr06	36082937	[C/T]	1067300545
Ca_Kabuli_NC_021165.1_36082950	Ca_kabuli_chr06	36082950	[T/C]	1067300546
Ca_Kabuli_NC_021165.1_36227451	Ca_kabuli_chr06	36227451	[T/C]	1067300547
Ca_Kabuli_NC_021165.1_36227461	Ca_kabuli_chr06	36227461	[A/C]	1067300548
Ca_Kabuli_NC_021165.1_36227464	Ca_kabuli_chr06	36227464	[A/C]	1067300549
Ca_Kabuli_NC_021165.1_36246972	Ca_kabuli_chr06	36246972	[C/T]	1067300550
Ca_Kabuli_NC_021165.1_36247018	Ca_kabuli_chr06	36247018	[A/T]	1067300551
Ca_Kabuli_NC_021165.1_36309173	Ca_kabuli_chr06	36309173	[T/G]	1067300552
Ca_Kabuli_NC_021165.1_36309183	Ca_kabuli_chr06	36309183	[T/G]	1067300553
Ca_Kabuli_NC_021165.1_36309198	Ca_kabuli_chr06	36309198	[A/G]	1067300554
Ca_Kabuli_NC_021165.1_36580491	Ca_kabuli_chr06	36580491	[A/G]	1067300555
Ca_Kabuli_NC_021165.1_36689020	Ca_kabuli_chr06	36689020	[T/C]	1067300556
Ca_Kabuli_NC_021165.1_36689027	Ca_kabuli_chr06	36689027	[T/C]	1067300557
Ca_Kabuli_NC_021165.1_36689043	Ca_kabuli_chr06	36689043	[C/T]	1067300558
Ca_Kabuli_NC_021165.1_36689052	Ca_kabuli_chr06	36689052	[A/G]	1067300559
Ca_Kabuli_NC_021165.1_36689055	Ca_kabuli_chr06	36689055	[A/T]	1067300560
Ca_Kabuli_NC_021165.1_36699170	Ca_kabuli_chr06	36699170	[A/G]	1067300561
Ca_Kabuli_NC_021165.1_36861457	Ca_kabuli_chr06	36861457	[C/A]	1067300562
Ca_Kabuli_NC_021165.1_36861458	Ca_kabuli_chr06	36861458	[T/G]	1067300563
Ca_Kabuli_NC_021165.1_36861459	Ca_kabuli_chr06	36861459	[T/A]	1067300564

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_36901748	Ca_kabuli_chr06	36901748	[A/C]	1067300567
Ca_Kabuli_NC_021165.1_36985216	Ca_kabuli_chr06	36985216	[G/C]	1067300568
Ca_Kabuli_NC_021165.1_36985252	Ca_kabuli_chr06	36985252	[C/T]	1067300569
Ca_Kabuli_NC_021165.1_37139557	Ca_kabuli_chr06	37139557	[A/C]	1067300570
Ca_Kabuli_NC_021165.1_37280074	Ca_kabuli_chr06	37280074	[A/C]	1067300571
Ca_Kabuli_NC_021165.1_37280178	Ca_kabuli_chr06	37280178	[T/C]	1067300572
Ca_Kabuli_NC_021165.1_37490114	Ca_kabuli_chr06	37490114	[A/G]	1067300573
Ca_Kabuli_NC_021165.1_37491353	Ca_kabuli_chr06	37491353	[T/G]	1067300574
Ca_Kabuli_NC_021165.1_37491367	Ca_kabuli_chr06	37491367	[T/A]	1067300575
Ca_Kabuli_NC_021165.1_37491424	Ca_kabuli_chr06	37491424	[A/G]	1067300576
Ca_Kabuli_NC_021165.1_37491450	Ca_kabuli_chr06	37491450	[T/G]	1067300577
Ca_Kabuli_NC_021165.1_37545930	Ca_kabuli_chr06	37545930	[T/G]	1067300578
Ca_Kabuli_NC_021165.1_37545952	Ca_kabuli_chr06	37545952	[A/G]	1067300579
Ca_Kabuli_NC_021165.1_37943905	Ca_kabuli_chr06	37943905	[C/T]	1067300580
Ca_Kabuli_NC_021165.1_38106825	Ca_kabuli_chr06	38106825	[T/C]	1067300581
Ca_Kabuli_NC_021165.1_38313733	Ca_kabuli_chr06	38313733	[A/C]	1067300582
Ca_Kabuli_NC_021165.1_38333209	Ca_kabuli_chr06	38333209	[A/C]	1067300583
Ca_Kabuli_NC_021165.1_38363668	Ca_kabuli_chr06	38363668	[T/A]	1067300584
Ca_Kabuli_NC_021165.1_38499752	Ca_kabuli_chr06	38499752	[C/T]	1067300585
Ca_Kabuli_NC_021165.1_38499762	Ca_kabuli_chr06	38499762	[C/T]	1067300586
Ca_Kabuli_NC_021165.1_38514126	Ca_kabuli_chr06	38514126	[G/T]	1067300587
Ca_Kabuli_NC_021165.1_38514165	Ca_kabuli_chr06	38514165	[G/A]	1067300588
Ca_Kabuli_NC_021165.1_38514168	Ca_kabuli_chr06	38514168	[G/A]	1067300589
Ca_Kabuli_NC_021165.1_38563881	Ca_kabuli_chr06	38563881	[T/A]	1067300590
Ca_Kabuli_NC_021165.1_38563888	Ca_kabuli_chr06	38563888	[G/T]	1067300591
Ca_Kabuli_NC_021165.1_38563895	Ca_kabuli_chr06	38563895	[T/G]	1067300592
Ca_Kabuli_NC_021165.1_38563902	Ca_kabuli_chr06	38563902	[G/T]	1067300593
Ca_Kabuli_NC_021165.1_38810458	Ca_kabuli_chr06	38810458	[T/C]	1067300594
Ca_Kabuli_NC_021165.1_38814616	Ca_kabuli_chr06	38814616	[A/C]	1067300595
Ca_Kabuli_NC_021165.1_38814637	Ca_kabuli_chr06	38814637	[T/A]	1067300596
Ca_Kabuli_NC_021165.1_38816366	Ca_kabuli_chr06	38816366	[T/A]	1067300597
Ca_Kabuli_NC_021165.1_38816452	Ca_kabuli_chr06	38816452	[A/C]	1067300598

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_39049967	Ca_kabuli_chr06	39049967	[T/C]	1067300602
Ca_Kabuli_NC_021165.1_39184066	Ca_kabuli_chr06	39184066	[A/G]	1067300603
Ca_Kabuli_NC_021165.1_39382231	Ca_kabuli_chr06	39382231	[G/A]	1067300604
Ca_Kabuli_NC_021165.1_39382240	Ca_kabuli_chr06	39382240	[T/A]	1067300605
Ca_Kabuli_NC_021165.1_39382244	Ca_kabuli_chr06	39382244	[T/A]	1067300606
Ca_Kabuli_NC_021165.1_39382248	Ca_kabuli_chr06	39382248	[G/A]	1067300607
Ca_Kabuli_NC_021165.1_39724016	Ca_kabuli_chr06	39724016	[A/C]	1067300608
Ca_Kabuli_NC_021165.1_39724022	Ca_kabuli_chr06	39724022	[A/G]	1067300609
Ca_Kabuli_NC_021165.1_39908312	Ca_kabuli_chr06	39908312	[A/G]	1067300610
Ca_Kabuli_NC_021165.1_39908314	Ca_kabuli_chr06	39908314	[T/G]	1067300611
Ca_Kabuli_NC_021165.1_39998978	Ca_kabuli_chr06	39998978	[T/G]	1067300612
Ca_Kabuli_NC_021165.1_40128644	Ca_kabuli_chr06	40128644	[T/A]	1067300613
Ca_Kabuli_NC_021165.1_40128882	Ca_kabuli_chr06	40128882	[A/C]	1067300614
Ca_Kabuli_NC_021165.1_40128885	Ca_kabuli_chr06	40128885	[A/C]	1067300615
Ca_Kabuli_NC_021165.1_40468352	Ca_kabuli_chr06	40468352	[A/G]	1067300616
Ca_Kabuli_NC_021165.1_40549244	Ca_kabuli_chr06	40549244	[T/C]	1067300617
Ca_Kabuli_NC_021165.1_40549247	Ca_kabuli_chr06	40549247	[A/G]	1067300618
Ca_Kabuli_NC_021165.1_40549286	Ca_kabuli_chr06	40549286	[T/C]	1067300619
Ca_Kabuli_NC_021165.1_40657640	Ca_kabuli_chr06	40657640	[A/G]	1067300620
Ca_Kabuli_NC_021165.1_40657667	Ca_kabuli_chr06	40657667	[T/G]	1067300621
Ca_Kabuli_NC_021165.1_40658958	Ca_kabuli_chr06	40658958	[A/T]	1067300622
Ca_Kabuli_NC_021165.1_40663891	Ca_kabuli_chr06	40663891	[T/G]	1067300623
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Ca_Kabuli_NC_021165.1_40741517	Ca_kabuli_chr06	40741517	[A/G]	1067300625
Ca_Kabuli_NC_021165.1_40741531	Ca_kabuli_chr06	40741531	[A/G]	1067300626
Ca_Kabuli_NC_021165.1_40772661	Ca_kabuli_chr06	40772661	[T/C]	1067300627
Ca_Kabuli_NC_021165.1_40772680	Ca_kabuli_chr06	40772680	[C/T]	1067300628
Ca_Kabuli_NC_021165.1_40772683	Ca_kabuli_chr06	40772683	[A/T]	1067300629
Ca_Kabuli_NC_021165.1_40772700	Ca_kabuli_chr06	40772700	[T/C]	1067300630
Ca_Kabuli_NC_021165.1_40822859	Ca_kabuli_chr06	40822859	[T/A]	1067300631
Ca_Kabuli_NC_021165.1_40823945	Ca_kabuli_chr06	40823945	[T/G]	1067300632

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_40851410	Ca_kabuli_chr06	40851410	[T/C]	1067300633
Ca_Kabuli_NC_021165.1_40851438	Ca_kabuli_chr06	40851438	[A/G]	1067300634
Ca_Kabuli_NC_021165.1_40935002	Ca_kabuli_chr06	40935002	[G/A]	1067300635
Ca_Kabuli_NC_021165.1_40942535	Ca_kabuli_chr06	40942535	[G/C]	1067300636
Ca_Kabuli_NC_021165.1_40942536	Ca_kabuli_chr06	40942536	[A/G]	1067300637
Ca_Kabuli_NC_021165.1_41128736	Ca_kabuli_chr06	41128736	[C/T]	1067300638
Ca_Kabuli_NC_021165.1_41363527	Ca_kabuli_chr06	41363527	[T/A]	1067300639
Ca_Kabuli_NC_021165.1_41363528	Ca_kabuli_chr06	41363528	[A/T]	1067300640
Ca_Kabuli_NC_021165.1_41420912	Ca_kabuli_chr06	41420912	[A/C]	1067300641
Ca_Kabuli_NC_021165.1_41516043	Ca_kabuli_chr06	41516043	[A/T]	1067300642
Ca_Kabuli_NC_021165.1_41682896	Ca_kabuli_chr06	41682896	[A/C]	1067300643
Ca_Kabuli_NC_021165.1_41682971	Ca_kabuli_chr06	41682971	[T/C]	1067300644
Ca_Kabuli_NC_021165.1_41682983	Ca_kabuli_chr06	41682983	[T/C]	1067300645
Ca_Kabuli_NC_021165.1_41682989	Ca_kabuli_chr06	41682989	[T/C]	1067300646
Ca_Kabuli_NC_021165.1_41682991	Ca_kabuli_chr06	41682991	[T/C]	1067300647
Ca_Kabuli_NC_021165.1_41699062	Ca_kabuli_chr06	41699062	[T/C]	1067300648
Ca_Kabuli_NC_021165.1_41699132	Ca_kabuli_chr06	41699132	[A/G]	1067300649
Ca_Kabuli_NC_021165.1_41699134	Ca_kabuli_chr06	41699134	[A/C]	1067300650
Ca_Kabuli_NC_021165.1_41699148	Ca_kabuli_chr06	41699148	[T/C]	1067300651
Ca_Kabuli_NC_021165.1_41699151	Ca_kabuli_chr06	41699151	[T/G]	1067300652
Ca_Kabuli_NC_021165.1_41699168	Ca_kabuli_chr06	41699168	[T/C]	1067300653
Ca_Kabuli_NC_021165.1_41708169	Ca_kabuli_chr06	41708169	[G/T]	1067300654
Ca_Kabuli_NC_021165.1_41708170	Ca_kabuli_chr06	41708170	[C/G]	1067300655
Ca_Kabuli_NC_021165.1_41708171	Ca_kabuli_chr06	41708171	[A/C]	1067300656
Ca_Kabuli_NC_021165.1_41709034	Ca_kabuli_chr06	41709034	[A/T]	1067300657
Ca_Kabuli_NC_021165.1_41709036	Ca_kabuli_chr06	41709036	[T/C]	1067300658
Ca_Kabuli_NC_021165.1_41709077	Ca_kabuli_chr06	41709077	[T/C]	1067300659
Ca_Kabuli_NC_021165.1_41711538	Ca_kabuli_chr06	41711538	[A/G]	1067300660
Ca_Kabuli_NC_021165.1_42004789	Ca_kabuli_chr06	42004789	[T/G]	1067300661
Ca_Kabuli_NC_021165.1_42161902	Ca_kabuli_chr06	42161902	[A/G]	1067300662
Ca_Kabuli_NC_021165.1_42507557	Ca_kabuli_chr06	42507557	[A/C]	1067300663
Ca_Kabuli_NC_021165.1_42521161	Ca_kabuli_chr06	42521161	[T/G]	1067300664
Ca_Kabuli_NC_021165.1_42521252	Ca_kabuli_chr06	42521252	[A/C]	1067300665
Ca_Kabuli_NC_021165.1_42923879	Ca_kabuli_chr06	42923879	[T/G]	1067300666

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_42923920	Ca_kabuli_chr06	42923920	[T/G]	1067300667
Ca_Kabuli_NC_021165.1_43682714	Ca_kabuli_chr06	43682714	[T/C]	1067300668
Ca_Kabuli_NC_021165.1_43682734	Ca_kabuli_chr06	43682734	[T/C]	1067300669
Ca_Kabuli_NC_021165.1_43878859	Ca_kabuli_chr06	43878859	[G/C]	1067300670
Ca_Kabuli_NC_021165.1_44022221	Ca_kabuli_chr06	44022221	[A/C]	1067300671
Ca_Kabuli_NC_021165.1_44385520	Ca_kabuli_chr06	44385520	[T/G]	1067300672
Ca_Kabuli_NC_021165.1_44385534	Ca_kabuli_chr06	44385534	[T/A]	1067300673
Ca_Kabuli_NC_021165.1_44385550	Ca_kabuli_chr06	44385550	[C/T]	1067300674
Ca_Kabuli_NC_021165.1_44395072	Ca_kabuli_chr06	44395072	[A/C]	1067300675
Ca_Kabuli_NC_021165.1_44530868	Ca_kabuli_chr06	44530868	[A/G]	1067300676
Ca_Kabuli_NC_021165.1_44711166	Ca_kabuli_chr06	44711166	[A/G]	1067300677
Ca_Kabuli_NC_021165.1_44944937	Ca_kabuli_chr06	44944937	[T/C]	1067300678
Ca_Kabuli_NC_021165.1_44944965	Ca_kabuli_chr06	44944965	[T/C]	1067300679
Ca_Kabuli_NC_021165.1_45096150	Ca_kabuli_chr06	45096150	[A/T]	1067300680
Ca_Kabuli_NC_021165.1_45131334	Ca_kabuli_chr06	45131334	[A/C]	1067300681
Ca_Kabuli_NC_021165.1_45132447	Ca_kabuli_chr06	45132447	[T/G]	1067300682
Ca_Kabuli_NC_021165.1_45239883	Ca_kabuli_chr06	45239883	[T/G]	1067300683
Ca_Kabuli_NC_021165.1_45293271	Ca_kabuli_chr06	45293271	[T/C]	1067300684
Ca_Kabuli_NC_021165.1_45345875	Ca_kabuli_chr06	45345875	[A/T]	1067300685
Ca_Kabuli_NC_021165.1_45419172	Ca_kabuli_chr06	45419172	[T/A]	1067300686
Ca_Kabuli_NC_021165.1_45500859	Ca_kabuli_chr06	45500859	[T/G]	1067300687
Ca_Kabuli_NC_021165.1_45500898	Ca_kabuli_chr06	45500898	[A/G]	1067300688
Ca_Kabuli_NC_021165.1_45519697	Ca_kabuli_chr06	45519697	[A/G]	1067300689
Ca_Kabuli_NC_021165.1_45549997	Ca_kabuli_chr06	45549997	[A/G]	1067300690
Ca_Kabuli_NC_021165.1_45553955	Ca_kabuli_chr06	45553955	[A/C]	1067300691
Ca_Kabuli_NC_021165.1_45553961	Ca_kabuli_chr06	45553961	[T/C]	1067300692
Ca_Kabuli_NC_021165.1_45553975	Ca_kabuli_chr06	45553975	[T/C]	1067300693
Ca_Kabuli_NC_021165.1_45554034	Ca_kabuli_chr06	45554034	[A/G]	1067300694
Ca_Kabuli_NC_021165.1_45554061	Ca_kabuli_chr06	45554061	[A/C]	1067300695
Ca_Kabuli_NC_021165.1_45554694	Ca_kabuli_chr06	45554694	[T/C]	1067300696
Ca_Kabuli_NC_021165.1_45614058	Ca_kabuli_chr06	45614058	[A/C]	1067300697
Ca_Kabuli_NC_021165.1_45614095	Ca_kabuli_chr06	45614095	[A/C]	1067300698
Ca_Kabuli_NC_021165.1_45706389	Ca_kabuli_chr06	45706389	[A/T]	1067300699
Ca_Kabuli_NC_021165.1_45706413	Ca_kabuli_chr06	45706413	[A/G]	1067300700

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_45773603	Ca_kabuli_chr06	45773603	[A/C]	1067300702
Ca_Kabuli_NC_021165.1_45841032	Ca_kabuli_chr06	45841032	[G/T]	1067300703
Ca_Kabuli_NC_021165.1_46158378	Ca_kabuli_chr06	46158378	[A/C]	1067300704
Ca_Kabuli_NC_021165.1_46160997	Ca_kabuli_chr06	46160997	[T/C]	1067300705
Ca_Kabuli_NC_021165.1_46537515	Ca_kabuli_chr06	46537515	[T/G]	1067300706
Ca_Kabuli_NC_021165.1_46734665	Ca_kabuli_chr06	46734665	[C/T]	1067300707
Ca_Kabuli_NC_021165.1_46734675	Ca_kabuli_chr06	46734675	[T/C]	1067300708
Ca_Kabuli_NC_021165.1_46734678	Ca_kabuli_chr06	46734678	[A/T]	1067300709
Ca_Kabuli_NC_021165.1_46734682	Ca_kabuli_chr06	46734682	[T/A]	1067300710
Ca_Kabuli_NC_021165.1_46734687	Ca_kabuli_chr06	46734687	[G/T]	1067300711
Ca_Kabuli_NC_021165.1_46734706	Ca_kabuli_chr06	46734706	[C/G]	1067300712
Ca_Kabuli_NC_021165.1_46734717	Ca_kabuli_chr06	46734717	[A/G]	1067300713
Ca_Kabuli_NC_021165.1_46765671	Ca_kabuli_chr06	46765671	[C/A]	1067300714
Ca_Kabuli_NC_021165.1_46896938	Ca_kabuli_chr06	46896938	[G/C]	1067300715
Ca_Kabuli_NC_021165.1_46896958	Ca_kabuli_chr06	46896958	[C/T]	1067300716
Ca_Kabuli_NC_021165.1_46898699	Ca_kabuli_chr06	46898699	[G/T]	1067300717
Ca_Kabuli_NC_021165.1_46898751	Ca_kabuli_chr06	46898751	[A/T]	1067300718
Ca_Kabuli_NC_021165.1_46898792	Ca_kabuli_chr06	46898792	[A/T]	1067300719
Ca_Kabuli_NC_021165.1_46898828	Ca_kabuli_chr06	46898828	[C/T]	1067300720
Ca_Kabuli_NC_021165.1_46899073	Ca_kabuli_chr06	46899073	[T/C]	1067300721
Ca_Kabuli_NC_021165.1_46899078	Ca_kabuli_chr06	46899078	[A/T]	1067300722
Ca_Kabuli_NC_021165.1_46899631	Ca_kabuli_chr06	46899631	[G/A]	1067300723
Ca_Kabuli_NC_021165.1_46906116	Ca_kabuli_chr06	46906116	[A/G]	1067300724
Ca_Kabuli_NC_021165.1_46943899	Ca_kabuli_chr06	46943899	[T/C]	1067300725
Ca_Kabuli_NC_021165.1_46943919	Ca_kabuli_chr06	46943919	[T/C]	1067300726
Ca_Kabuli_NC_021165.1_46943933	Ca_kabuli_chr06	46943933	[A/G]	1067300727
Ca_Kabuli_NC_021165.1_46943937	Ca_kabuli_chr06	46943937	[C/G]	1067300728
Ca_Kabuli_NC_021165.1_46943942	Ca_kabuli_chr06	46943942	[A/C]	1067300729
Ca_Kabuli_NC_021165.1_46952750	Ca_kabuli_chr06	46952750	[A/G]	1067300730
Ca_Kabuli_NC_021165.1_46972676	Ca_kabuli_chr06	46972676	[A/C]	1067300731
Ca_Kabuli_NC_021165.1_46979196	Ca_kabuli_chr06	46979196	[A/G]	1067300732
Ca_Kabuli_NC_021165.1_46979210	Ca_kabuli_chr06	46979210	[A/G]	1067300733
Ca_Kabuli_NC_021165.1_46979213	Ca_kabuli_chr06	46979213	[T/G]	1067300734



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_46979234	Ca_kabuli_chr06	46979234	[G/A]	1067300736
Ca_Kabuli_NC_021165.1_47116476	Ca_kabuli_chr06	47116476	[T/C]	1067300737
Ca_Kabuli_NC_021165.1_47116504	Ca_kabuli_chr06	47116504	[A/G]	1067300738
Ca_Kabuli_NC_021165.1_47367057	Ca_kabuli_chr06	47367057	[T/A]	1067300739
Ca_Kabuli_NC_021165.1_47810677	Ca_kabuli_chr06	47810677	[A/C]	1067300740
Ca_Kabuli_NC_021165.1_47859599	Ca_kabuli_chr06	47859599	[T/A]	1067300741
Ca_Kabuli_NC_021165.1_47859601	Ca_kabuli_chr06	47859601	[G/C]	1067300742
Ca_Kabuli_NC_021165.1_47859602	Ca_kabuli_chr06	47859602	[G/T]	1067300743
Ca_Kabuli_NC_021165.1_48255531	Ca_kabuli_chr06	48255531	[T/C]	1067300744
Ca_Kabuli_NC_021165.1_48255538	Ca_kabuli_chr06	48255538	[G/A]	1067300745
Ca_Kabuli_NC_021165.1_48255558	Ca_kabuli_chr06	48255558	[C/T]	1067300746
Ca_Kabuli_NC_021165.1_48255559	Ca_kabuli_chr06	48255559	[A/G]	1067300747
Ca_Kabuli_NC_021165.1_48255568	Ca_kabuli_chr06	48255568	[G/A]	1067300748
Ca_Kabuli_NC_021165.1_48314834	Ca_kabuli_chr06	48314834	[C/A]	1067300749
Ca_Kabuli_NC_021165.1_48314841	Ca_kabuli_chr06	48314841	[T/G]	1067300750
Ca_Kabuli_NC_021165.1_48315220	Ca_kabuli_chr06	48315220	[G/C]	1067300751
Ca_Kabuli_NC_021165.1_48315232	Ca_kabuli_chr06	48315232	[A/C]	1067300752
Ca_Kabuli_NC_021165.1_48315289	Ca_kabuli_chr06	48315289	[A/T]	1067300753
Ca_Kabuli_NC_021165.1_48315293	Ca_kabuli_chr06	48315293	[G/T]	1067300754
Ca_Kabuli_NC_021165.1_48315958	Ca_kabuli_chr06	48315958	[A/C]	1067300755
Ca_Kabuli_NC_021165.1_48316046	Ca_kabuli_chr06	48316046	[A/G]	1067300756
Ca_Kabuli_NC_021165.1_48694554	Ca_kabuli_chr06	48694554	[A/T]	1067300757
Ca_Kabuli_NC_021165.1_48694559	Ca_kabuli_chr06	48694559	[T/C]	1067300758
Ca_Kabuli_NC_021165.1_48869512	Ca_kabuli_chr06	48869512	[C/G]	1067300759
Ca_Kabuli_NC_021165.1_49044794	Ca_kabuli_chr06	49044794	[T/A]	1067300760
Ca_Kabuli_NC_021165.1_49044802	Ca_kabuli_chr06	49044802	[C/T]	1067300761
Ca_Kabuli_NC_021165.1_49044805	Ca_kabuli_chr06	49044805	[A/G]	1067300762
Ca_Kabuli_NC_021165.1_49044814	Ca_kabuli_chr06	49044814	[G/T]	1067300763
Ca_Kabuli_NC_021165.1_49100642	Ca_kabuli_chr06	49100642	[A/G]	1067300764
Ca_Kabuli_NC_021165.1_49100644	Ca_kabuli_chr06	49100644	[A/G]	1067300765
Ca_Kabuli_NC_021165.1_49100649	Ca_kabuli_chr06	49100649	[A/G]	1067300766
Ca_Kabuli_NC_021165.1_49100673	Ca_kabuli_chr06	49100673	[T/G]	1067300767
Ca_Kabuli_NC_021165.1_49101898	Ca_kabuli_chr06	49101898	[A/G]	1067300768

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_49167362	Ca_kabuli_chr06	49167362	[A/C]	1067300769
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Ca_Kabuli_NC_021165.1_49222290	Ca_kabuli_chr06	49222290	[C/T]	1067300771
Ca_Kabuli_NC_021165.1_49222291	Ca_kabuli_chr06	49222291	[G/A]	1067300772
Ca_Kabuli_NC_021165.1_49377275	Ca_kabuli_chr06	49377275	[G/A]	1067300773
Ca_Kabuli_NC_021165.1_49377336	Ca_kabuli_chr06	49377336	[G/A]	1067300774
Ca_Kabuli_NC_021165.1_49377339	Ca_kabuli_chr06	49377339	[T/G]	1067300775
Ca_Kabuli_NC_021165.1_49379106	Ca_kabuli_chr06	49379106	[A/C]	1067300776
Ca_Kabuli_NC_021165.1_49555020	Ca_kabuli_chr06	49555020	[G/T]	1067300777
Ca_Kabuli_NC_021165.1_49557927	Ca_kabuli_chr06	49557927	[T/A]	1067300778
Ca_Kabuli_NC_021165.1_49588009	Ca_kabuli_chr06	49588009	[T/G]	1067300779
Ca_Kabuli_NC_021165.1_49629674	Ca_kabuli_chr06	49629674	[A/G]	1067300780
Ca_Kabuli_NC_021165.1_49830362	Ca_kabuli_chr06	49830362	[T/G]	1067300781
Ca_Kabuli_NC_021165.1_49830429	Ca_kabuli_chr06	49830429	[T/G]	1067300782
Ca_Kabuli_NC_021165.1_49833240	Ca_kabuli_chr06	49833240	[T/G]	1067300783
Ca_Kabuli_NC_021165.1_49833848	Ca_kabuli_chr06	49833848	[T/C]	1067300784
Ca_Kabuli_NC_021165.1_49833857	Ca_kabuli_chr06	49833857	[A/C]	1067300785
Ca_Kabuli_NC_021165.1_49833860	Ca_kabuli_chr06	49833860	[A/C]	1067300786
Ca_Kabuli_NC_021165.1_49833864	Ca_kabuli_chr06	49833864	[A/C]	1067300787
Ca_Kabuli_NC_021165.1_49843847	Ca_kabuli_chr06	49843847	[T/G]	1067300788
Ca_Kabuli_NC_021165.1_49843850	Ca_kabuli_chr06	49843850	[T/G]	1067300789
Ca_Kabuli_NC_021165.1_49843855	Ca_kabuli_chr06	49843855	[A/G]	1067300790
Ca_Kabuli_NC_021165.1_49846303	Ca_kabuli_chr06	49846303	[T/G]	1067300791
Ca_Kabuli_NC_021165.1_49847543	Ca_kabuli_chr06	49847543	[T/C]	1067300792
Ca_Kabuli_NC_021165.1_49847559	Ca_kabuli_chr06	49847559	[A/C]	1067300793
Ca_Kabuli_NC_021165.1_49847576	Ca_kabuli_chr06	49847576	[T/G]	1067300794
Ca_Kabuli_NC_021165.1_49931910	Ca_kabuli_chr06	49931910	[A/G]	1067300795
Ca_Kabuli_NC_021165.1_49932955	Ca_kabuli_chr06	49932955	[T/A]	1067300796
Ca_Kabuli_NC_021165.1_49940580	Ca_kabuli_chr06	49940580	[A/C]	1067300797
Ca_Kabuli_NC_021165.1_50071948	Ca_kabuli_chr06	50071948	[T/G]	1067300798
Ca_Kabuli_NC_021165.1_50378387	Ca_kabuli_chr06	50378387	[A/C]	1067300799
Ca_Kabuli_NC_021165.1_50378388	Ca_kabuli_chr06	50378388	[G/T]	1067300800
Ca_Kabuli_NC_021165.1_50378389	Ca_kabuli_chr06	50378389	[A/T]	1067300801
Ca_Kabuli_NC_021165.1_50384166	Ca_kabuli_chr06	50384166	[A/C]	1067300802

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_50476844	Ca_kabuli_chr06	50476844	[A/C]	1067300805
Ca_Kabuli_NC_021165.1_50477669	Ca_kabuli_chr06	50477669	[G/A]	1067300806
Ca_Kabuli_NC_021165.1_50477676	Ca_kabuli_chr06	50477676	[A/C]	1067300807
Ca_Kabuli_NC_021165.1_50857740	Ca_kabuli_chr06	50857740	[A/G]	1067300808
Ca_Kabuli_NC_021165.1_50857798	Ca_kabuli_chr06	50857798	[T/G]	1067300809
Ca_Kabuli_NC_021165.1_51062466	Ca_kabuli_chr06	51062466	[A/C]	1067300810
Ca_Kabuli_NC_021165.1_51089783	Ca_kabuli_chr06	51089783	[T/A]	1067300811
Ca_Kabuli_NC_021165.1_51240949	Ca_kabuli_chr06	51240949	[A/C]	1067300812
Ca_Kabuli_NC_021165.1_51240950	Ca_kabuli_chr06	51240950	[G/C]	1067300813
Ca_Kabuli_NC_021165.1_51240951	Ca_kabuli_chr06	51240951	[A/G]	1067300814
Ca_Kabuli_NC_021165.1_51240952	Ca_kabuli_chr06	51240952	[T/A]	1067300815
Ca_Kabuli_NC_021165.1_51281239	Ca_kabuli_chr06	51281239	[A/G]	1067300816
Ca_Kabuli_NC_021165.1_51345504	Ca_kabuli_chr06	51345504	[A/G]	1067300817
Ca_Kabuli_NC_021165.1_51444290	Ca_kabuli_chr06	51444290	[C/T]	1067300818
Ca_Kabuli_NC_021165.1_51444301	Ca_kabuli_chr06	51444301	[C/T]	1067300819
Ca_Kabuli_NC_021165.1_51444314	Ca_kabuli_chr06	51444314	[T/G]	1067300820
Ca_Kabuli_NC_021165.1_51470212	Ca_kabuli_chr06	51470212	[G/C]	1067300821
Ca_Kabuli_NC_021165.1_51470213	Ca_kabuli_chr06	51470213	[G/T]	1067300822
Ca_Kabuli_NC_021165.1_51471558	Ca_kabuli_chr06	51471558	[T/C]	1067300823
Ca_Kabuli_NC_021165.1_51476913	Ca_kabuli_chr06	51476913	[T/C]	1067300824
Ca_Kabuli_NC_021165.1_51477123	Ca_kabuli_chr06	51477123	[T/C]	1067300825
Ca_Kabuli_NC_021165.1_51477378	Ca_kabuli_chr06	51477378	[T/G]	1067300826
Ca_Kabuli_NC_021165.1_51477380	Ca_kabuli_chr06	51477380	[T/C]	1067300827
Ca_Kabuli_NC_021165.1_51509329	Ca_kabuli_chr06	51509329	[G/A]	1067300828
Ca_Kabuli_NC_021165.1_51509360	Ca_kabuli_chr06	51509360	[A/G]	1067300829
Ca_Kabuli_NC_021165.1_52164520	Ca_kabuli_chr06	52164520	[T/A]	1067300830
Ca_Kabuli_NC_021165.1_52164537	Ca_kabuli_chr06	52164537	[T/C]	1067300831
Ca_Kabuli_NC_021165.1_52220143	Ca_kabuli_chr06	52220143	[A/T]	1067300832
Ca_Kabuli_NC_021165.1_52220165	Ca_kabuli_chr06	52220165	[T/C]	1067300833
Ca_Kabuli_NC_021165.1_52285978	Ca_kabuli_chr06	52285978	[T/G]	1067300834
Ca_Kabuli_NC_021165.1_52379657	Ca_kabuli_chr06	52379657	[A/G]	1067300835
Ca_Kabuli_NC_021165.1_52417728	Ca_kabuli_chr06	52417728	[T/A]	1067300836

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_52618264	Ca_kabuli_chr06	52618264	[A/G]	1067300839
Ca_Kabuli_NC_021165.1_52618275	Ca_kabuli_chr06	52618275	[T/G]	1067300840
Ca_Kabuli_NC_021165.1_52630806	Ca_kabuli_chr06	52630806	[A/C]	1067300841
Ca_Kabuli_NC_021165.1_53084230	Ca_kabuli_chr06	53084230	[G/C]	1067300842
Ca_Kabuli_NC_021165.1_53084235	Ca_kabuli_chr06	53084235	[C/T]	1067300843
Ca_Kabuli_NC_021165.1_53084258	Ca_kabuli_chr06	53084258	[A/G]	1067300844
Ca_Kabuli_NC_021165.1_53097365	Ca_kabuli_chr06	53097365	[T/G]	1067300845
Ca_Kabuli_NC_021165.1_53124142	Ca_kabuli_chr06	53124142	[G/T]	1067300846
Ca_Kabuli_NC_021165.1_53168793	Ca_kabuli_chr06	53168793	[A/T]	1067300847
Ca_Kabuli_NC_021165.1_53222941	Ca_kabuli_chr06	53222941	[T/G]	1067300848
Ca_Kabuli_NC_021165.1_53349021	Ca_kabuli_chr06	53349021	[T/A]	1067300849
Ca_Kabuli_NC_021165.1_53349026	Ca_kabuli_chr06	53349026	[T/G]	1067300850
Ca_Kabuli_NC_021165.1_53349075	Ca_kabuli_chr06	53349075	[A/G]	1067300851
Ca_Kabuli_NC_021165.1_53350648	Ca_kabuli_chr06	53350648	[A/C]	1067300852
Ca_Kabuli_NC_021165.1_53350651	Ca_kabuli_chr06	53350651	[A/T]	1067300853
Ca_Kabuli_NC_021165.1_53350681	Ca_kabuli_chr06	53350681	[T/G]	1067300854
Ca_Kabuli_NC_021165.1_53382954	Ca_kabuli_chr06	53382954	[T/G]	1067300855
Ca_Kabuli_NC_021165.1_53390086	Ca_kabuli_chr06	53390086	[A/C]	1067300856
Ca_Kabuli_NC_021165.1_53499267	Ca_kabuli_chr06	53499267	[A/G]	1067300857
Ca_Kabuli_NC_021165.1_53499295	Ca_kabuli_chr06	53499295	[A/G]	1067300858
Ca_Kabuli_NC_021165.1_53558419	Ca_kabuli_chr06	53558419	[T/C]	1067300859
Ca_Kabuli_NC_021165.1_53558950	Ca_kabuli_chr06	53558950	[T/C]	1067300860
Ca_Kabuli_NC_021165.1_53558972	Ca_kabuli_chr06	53558972	[T/C]	1067300861
Ca_Kabuli_NC_021165.1_53558982	Ca_kabuli_chr06	53558982	[A/G]	1067300862
Ca_Kabuli_NC_021165.1_53566431	Ca_kabuli_chr06	53566431	[T/G]	1067300863
Ca_Kabuli_NC_021165.1_53625215	Ca_kabuli_chr06	53625215	[A/G]	1067300864
Ca_Kabuli_NC_021165.1_53625232	Ca_kabuli_chr06	53625232	[A/G]	1067300865
Ca_Kabuli_NC_021165.1_53654093	Ca_kabuli_chr06	53654093	[A/G]	1067300866
Ca_Kabuli_NC_021165.1_53654134	Ca_kabuli_chr06	53654134	[A/G]	1067300867
Ca_Kabuli_NC_021165.1_53654153	Ca_kabuli_chr06	53654153	[A/G]	1067300868
Ca_Kabuli_NC_021165.1_53654155	Ca_kabuli_chr06	53654155	[A/G]	1067300869
Ca_Kabuli_NC_021165.1_53683766	Ca_kabuli_chr06	53683766	[C/T]	1067300870

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_54208252	Ca_kabuli_chr06	54208252	[A/G]	1067300873
Ca_Kabuli_NC_021165.1_54237701	Ca_kabuli_chr06	54237701	[T/C]	1067300874
Ca_Kabuli_NC_021165.1_54237761	Ca_kabuli_chr06	54237761	[A/C]	1067300875
Ca_Kabuli_NC_021165.1_54237764	Ca_kabuli_chr06	54237764	[A/C]	1067300876
Ca_Kabuli_NC_021165.1_54237824	Ca_kabuli_chr06	54237824	[T/C]	1067300877
Ca_Kabuli_NC_021165.1_54237837	Ca_kabuli_chr06	54237837	[A/T]	1067300878
Ca_Kabuli_NC_021165.1_54250124	Ca_kabuli_chr06	54250124	[A/C]	1067300879
Ca_Kabuli_NC_021165.1_54333329	Ca_kabuli_chr06	54333329	[A/G]	1067300880
Ca_Kabuli_NC_021165.1_54335013	Ca_kabuli_chr06	54335013	[A/T]	1067300881
Ca_Kabuli_NC_021165.1_54335725	Ca_kabuli_chr06	54335725	[A/G]	1067300882
Ca_Kabuli_NC_021165.1_54335736	Ca_kabuli_chr06	54335736	[A/G]	1067300883
Ca_Kabuli_NC_021165.1_54335769	Ca_kabuli_chr06	54335769	[A/G]	1067300884
Ca_Kabuli_NC_021165.1_54337370	Ca_kabuli_chr06	54337370	[T/C]	1067300885
Ca_Kabuli_NC_021165.1_54337390	Ca_kabuli_chr06	54337390	[T/G]	1067300886
Ca_Kabuli_NC_021165.1_54337402	Ca_kabuli_chr06	54337402	[T/G]	1067300887
Ca_Kabuli_NC_021165.1_54337415	Ca_kabuli_chr06	54337415	[T/C]	1067300888
Ca_Kabuli_NC_021165.1_54337422	Ca_kabuli_chr06	54337422	[A/G]	1067300889
Ca_Kabuli_NC_021165.1_54358852	Ca_kabuli_chr06	54358852	[G/A]	1067300890
Ca_Kabuli_NC_021165.1_54997486	Ca_kabuli_chr06	54997486	[T/A]	1067300891
Ca_Kabuli_NC_021165.1_55024140	Ca_kabuli_chr06	55024140	[G/A]	1067300892
Ca_Kabuli_NC_021165.1_55024146	Ca_kabuli_chr06	55024146	[C/T]	1067300893
Ca_Kabuli_NC_021165.1_55119038	Ca_kabuli_chr06	55119038	[T/G]	1067300894
Ca_Kabuli_NC_021165.1_55119053	Ca_kabuli_chr06	55119053	[T/C]	1067300895
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Ca_Kabuli_NC_021165.1_55332477	Ca_kabuli_chr06	55332477	[A/C]	1067300897
Ca_Kabuli_NC_021165.1_55575106	Ca_kabuli_chr06	55575106	[A/G]	1067300898
Ca_Kabuli_NC_021165.1_55575116	Ca_kabuli_chr06	55575116	[T/C]	1067300899
Ca_Kabuli_NC_021165.1_55618607	Ca_kabuli_chr06	55618607	[T/G]	1067300900
Ca_Kabuli_NC_021165.1_55633279	Ca_kabuli_chr06	55633279	[T/C]	1067300901
Ca_Kabuli_NC_021165.1_55711680	Ca_kabuli_chr06	55711680	[T/G]	1067300902
Ca_Kabuli_NC_021165.1_55711785	Ca_kabuli_chr06	55711785	[T/G]	1067300903
Ca_Kabuli_NC_021165.1_56025841	Ca_kabuli_chr06	56025841	[T/C]	1067300904

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_56553864	Ca_kabuli_chr06	56553864	[T/C]	1067300907
Ca_Kabuli_NC_021165.1_56553903	Ca_kabuli_chr06	56553903	[A/G]	1067300908
Ca_Kabuli_NC_021165.1_56593129	Ca_kabuli_chr06	56593129	[A/C]	1067300909
Ca_Kabuli_NC_021165.1_56706537	Ca_kabuli_chr06	56706537	[T/A]	1067300910
Ca_Kabuli_NC_021165.1_56706550	Ca_kabuli_chr06	56706550	[T/C]	1067300911
Ca_Kabuli_NC_021165.1_56765545	Ca_kabuli_chr06	56765545	[A/C]	1067300912
Ca_Kabuli_NC_021165.1_56793039	Ca_kabuli_chr06	56793039	[T/A]	1067300913
Ca_Kabuli_NC_021165.1_56793044	Ca_kabuli_chr06	56793044	[T/A]	1067300914
Ca_Kabuli_NC_021165.1_56793083	Ca_kabuli_chr06	56793083	[A/G]	1067300915
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Ca_Kabuli_NC_021165.1_56854906	Ca_kabuli_chr06	56854906	[T/A]	1067300918
Ca_Kabuli_NC_021165.1_56854914	Ca_kabuli_chr06	56854914	[A/C]	1067300919
Ca_Kabuli_NC_021165.1_56860665	Ca_kabuli_chr06	56860665	[C/A]	1067300920
Ca_Kabuli_NC_021165.1_56860666	Ca_kabuli_chr06	56860666	[C/G]	1067300921
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Ca_Kabuli_NC_021165.1_57044799	Ca_kabuli_chr06	57044799	[T/C]	1067300925
Ca_Kabuli_NC_021165.1_57173684	Ca_kabuli_chr06	57173684	[A/G]	1067300926
Ca_Kabuli_NC_021165.1_57173688	Ca_kabuli_chr06	57173688	[A/C]	1067300927
Ca_Kabuli_NC_021165.1_57173695	Ca_kabuli_chr06	57173695	[A/G]	1067300928
Ca_Kabuli_NC_021165.1_57344969	Ca_kabuli_chr06	57344969	[T/G]	1067300929
Ca_Kabuli_NC_021165.1_57382778	Ca_kabuli_chr06	57382778	[G/T]	1067300930
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Ca_Kabuli_NC_021165.1_57434831	Ca_kabuli_chr06	57434831	[A/C]	1067300932
Ca_Kabuli_NC_021165.1_57436104	Ca_kabuli_chr06	57436104	[T/C]	1067300933
Ca_Kabuli_NC_021165.1_57437932	Ca_kabuli_chr06	57437932	[T/C]	1067300934
Ca_Kabuli_NC_021165.1_57437940	Ca_kabuli_chr06	57437940	[A/C]	1067300935
Ca_Kabuli_NC_021165.1_57437944	Ca_kabuli_chr06	57437944	[T/A]	1067300936
Ca_Kabuli_NC_021165.1_57533088	Ca_kabuli_chr06	57533088	[T/C]	1067300937
Ca_Kabuli_NC_021165.1_57533105	Ca_kabuli_chr06	57533105	[G/T]	1067300938

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_57533121	Ca_kabuli_chr06	57533121	[C/T]	1067300941
Ca_Kabuli_NC_021165.1_57579767	Ca_kabuli_chr06	57579767	[A/C]	1067300942
Ca_Kabuli_NC_021165.1_57579807	Ca_kabuli_chr06	57579807	[A/G]	1067300943
Ca_Kabuli_NC_021165.1_57625134	Ca_kabuli_chr06	57625134	[G/A]	1067300944
Ca_Kabuli_NC_021165.1_57625320	Ca_kabuli_chr06	57625320	[G/A]	1067300945
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Ca_Kabuli_NC_021165.1_57632374	Ca_kabuli_chr06	57632374	[C/T]	1067300948
Ca_Kabuli_NC_021165.1_57632385	Ca_kabuli_chr06	57632385	[A/C]	1067300949
Ca_Kabuli_NC_021165.1_57634425	Ca_kabuli_chr06	57634425	[A/C]	1067300950
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Ca_Kabuli_NC_021165.1_57640220	Ca_kabuli_chr06	57640220	[A/C]	1067300954
Ca_Kabuli_NC_021165.1_57644429	Ca_kabuli_chr06	57644429	[A/G]	1067300955
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Ca_Kabuli_NC_021165.1_57703979	Ca_kabuli_chr06	57703979	[T/C]	1067300957
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Ca_Kabuli_NC_021165.1_57704001	Ca_kabuli_chr06	57704001	[C/A]	1067300960
Ca_Kabuli_NC_021165.1_57704013	Ca_kabuli_chr06	57704013	[A/C]	1067300961
Ca_Kabuli_NC_021165.1_57704018	Ca_kabuli_chr06	57704018	[T/C]	1067300962
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Ca_Kabuli_NC_021165.1_57704220	Ca_kabuli_chr06	57704220	[A/T]	1067300965
Ca_Kabuli_NC_021165.1_57704802	Ca_kabuli_chr06	57704802	[T/C]	1067300966
Ca_Kabuli_NC_021165.1_57705111	Ca_kabuli_chr06	57705111	[C/T]	1067300967
Ca_Kabuli_NC_021165.1_57705113	Ca_kabuli_chr06	57705113	[A/G]	1067300968
Ca_Kabuli_NC_021165.1_57707716	Ca_kabuli_chr06	57707716	[C/T]	1067300969
Ca_Kabuli_NC_021165.1_57707724	Ca_kabuli_chr06	57707724	[A/C]	1067300970
Ca_Kabuli_NC_021165.1_57707727	Ca_kabuli_chr06	57707727	[T/G]	1067300971
Ca_Kabuli_NC_021165.1_57707734	Ca_kabuli_chr06	57707734	[T/C]	1067300972

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_57707848	Ca_kabuli_chr06	57707848	[A/G]	1067300975
Ca_Kabuli_NC_021165.1_57707902	Ca_kabuli_chr06	57707902	[T/G]	1067300976
Ca_Kabuli_NC_021165.1_57707912	Ca_kabuli_chr06	57707912	[G/C]	1067300977
Ca_Kabuli_NC_021165.1_57707919	Ca_kabuli_chr06	57707919	[T/A]	1067300978
Ca_Kabuli_NC_021165.1_57707954	Ca_kabuli_chr06	57707954	[A/T]	1067300979
Ca_Kabuli_NC_021165.1_57707959	Ca_kabuli_chr06	57707959	[A/C]	1067300980
Ca_Kabuli_NC_021165.1_57708101	Ca_kabuli_chr06	57708101	[T/G]	1067300981
Ca_Kabuli_NC_021165.1_57708130	Ca_kabuli_chr06	57708130	[T/C]	1067300982
Ca_Kabuli_NC_021165.1_57710133	Ca_kabuli_chr06	57710133	[C/G]	1067300983
Ca_Kabuli_NC_021165.1_57720161	Ca_kabuli_chr06	57720161	[A/T]	1067300984
Ca_Kabuli_NC_021165.1_57720446	Ca_kabuli_chr06	57720446	[T/C]	1067300985
Ca_Kabuli_NC_021165.1_57720708	Ca_kabuli_chr06	57720708	[T/G]	1067300986
Ca_Kabuli_NC_021165.1_57720820	Ca_kabuli_chr06	57720820	[A/G]	1067300987
Ca_Kabuli_NC_021165.1_57720831	Ca_kabuli_chr06	57720831	[T/C]	1067300988
Ca_Kabuli_NC_021165.1_57720909	Ca_kabuli_chr06	57720909	[C/T]	1067300989
Ca_Kabuli_NC_021165.1_57747859	Ca_kabuli_chr06	57747859	[A/G]	1067300990
Ca_Kabuli_NC_021165.1_57747866	Ca_kabuli_chr06	57747866	[T/G]	1067300991
Ca_Kabuli_NC_021165.1_57748565	Ca_kabuli_chr06	57748565	[A/G]	1067300992
Ca_Kabuli_NC_021165.1_57750418	Ca_kabuli_chr06	57750418	[A/C]	1067300993
Ca_Kabuli_NC_021165.1_57750900	Ca_kabuli_chr06	57750900	[G/A]	1067300994
Ca_Kabuli_NC_021165.1_57753076	Ca_kabuli_chr06	57753076	[T/C]	1067300995
Ca_Kabuli_NC_021165.1_57753193	Ca_kabuli_chr06	57753193	[T/C]	1067300996
Ca_Kabuli_NC_021165.1_57756355	Ca_kabuli_chr06	57756355	[T/G]	1067300997
Ca_Kabuli_NC_021165.1_57756699	Ca_kabuli_chr06	57756699	[G/A]	1067300998
Ca_Kabuli_NC_021165.1_57759548	Ca_kabuli_chr06	57759548	[C/T]	1067300999
Ca_Kabuli_NC_021165.1_57760104	Ca_kabuli_chr06	57760104	[T/C]	1067301000
Ca_Kabuli_NC_021165.1_57761758	Ca_kabuli_chr06	57761758	[G/A]	1067301001
Ca_Kabuli_NC_021165.1_57765391	Ca_kabuli_chr06	57765391	[G/T]	1067301002
Ca_Kabuli_NC_021165.1_57765418	Ca_kabuli_chr06	57765418	[G/C]	1067301003
Ca_Kabuli_NC_021165.1_57765423	Ca_kabuli_chr06	57765423	[T/A]	1067301004
Ca_Kabuli_NC_021165.1_57769819	Ca_kabuli_chr06	57769819	[G/A]	1067301005
Ca_Kabuli_NC_021165.1_57831061	Ca_kabuli_chr06	57831061	[T/G]	1067301006



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_57835093	Ca_kabuli_chr06	57835093	[T/A]	1067301007
Ca_Kabuli_NC_021165.1_57835120	Ca_kabuli_chr06	57835120	[G/A]	1067301008
Ca_Kabuli_NC_021165.1_57835335	Ca_kabuli_chr06	57835335	[A/G]	1067301009
Ca_Kabuli_NC_021165.1_57835899	Ca_kabuli_chr06	57835899	[C/T]	1067301010
Ca_Kabuli_NC_021165.1_57836237	Ca_kabuli_chr06	57836237	[A/G]	1067301011
Ca_Kabuli_NC_021165.1_57836296	Ca_kabuli_chr06	57836296	[A/T]	1067301012
Ca_Kabuli_NC_021165.1_57853458	Ca_kabuli_chr06	57853458	[C/T]	1067301013
Ca_Kabuli_NC_021165.1_57854068	Ca_kabuli_chr06	57854068	[G/C]	1067301014
Ca_Kabuli_NC_021165.1_57854946	Ca_kabuli_chr06	57854946	[G/A]	1067301015
Ca_Kabuli_NC_021165.1_57856890	Ca_kabuli_chr06	57856890	[C/T]	1067301016
Ca_Kabuli_NC_021165.1_57870893	Ca_kabuli_chr06	57870893	[C/A]	1067301017
Ca_Kabuli_NC_021165.1_57882773	Ca_kabuli_chr06	57882773	[G/T]	1067301018
Ca_Kabuli_NC_021165.1_57891716	Ca_kabuli_chr06	57891716	[A/T]	1067301019
Ca_Kabuli_NC_021165.1_57894263	Ca_kabuli_chr06	57894263	[T/A]	1067301020
Ca_Kabuli_NC_021165.1_57894264	Ca_kabuli_chr06	57894264	[G/T]	1067301021
Ca_Kabuli_NC_021165.1_57894377	Ca_kabuli_chr06	57894377	[A/G]	1067301022
Ca_Kabuli_NC_021165.1_57894585	Ca_kabuli_chr06	57894585	[T/G]	1067301023
Ca_Kabuli_NC_021165.1_57894590	Ca_kabuli_chr06	57894590	[G/C]	1067301024
Ca_Kabuli_NC_021165.1_57898786	Ca_kabuli_chr06	57898786	[A/C]	1067301025
Ca_Kabuli_NC_021165.1_57899764	Ca_kabuli_chr06	57899764	[T/A]	1067301026
Ca_Kabuli_NC_021165.1_57900328	Ca_kabuli_chr06	57900328	[T/G]	1067301027
Ca_Kabuli_NC_021165.1_57931382	Ca_kabuli_chr06	57931382	[A/T]	1067301028
Ca_Kabuli_NC_021165.1_57931563	Ca_kabuli_chr06	57931563	[A/C]	1067301029
Ca_Kabuli_NC_021165.1_57937638	Ca_kabuli_chr06	57937638	[T/A]	1067301030
Ca_Kabuli_NC_021165.1_57937642	Ca_kabuli_chr06	57937642	[A/G]	1067301031
Ca_Kabuli_NC_021165.1_57937657	Ca_kabuli_chr06	57937657	[A/G]	1067301032
Ca_Kabuli_NC_021165.1_57942502	Ca_kabuli_chr06	57942502	[T/A]	1067301033
Ca_Kabuli_NC_021165.1_57948587	Ca_kabuli_chr06	57948587	[G/A]	1067301034
Ca_Kabuli_NC_021165.1_57960875	Ca_kabuli_chr06	57960875	[A/G]	1067301035
Ca_Kabuli_NC_021165.1_57960878	Ca_kabuli_chr06	57960878	[A/G]	1067301036
Ca_Kabuli_NC_021165.1_58028663	Ca_kabuli_chr06	58028663	[A/T]	1067301037
Ca_Kabuli_NC_021165.1_58028664	Ca_kabuli_chr06	58028664	[G/C]	1067301038
Ca_Kabuli_NC_021165.1_58028665	Ca_kabuli_chr06	58028665	[A/C]	1067301039
Ca_Kabuli_NC_021165.1_58053878	Ca_kabuli_chr06	58053878	[T/A]	1067301040

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_58110605	Ca_kabuli_chr06	58110605	[C/T]	1067301041
Ca_Kabuli_NC_021165.1_58161736	Ca_kabuli_chr06	58161736	[A/C]	1067301042
Ca_Kabuli_NC_021165.1_58161748	Ca_kabuli_chr06	58161748	[A/C]	1067301043
Ca_Kabuli_NC_021165.1_58165739	Ca_kabuli_chr06	58165739	[T/A]	1067301044
Ca_Kabuli_NC_021165.1_58175060	Ca_kabuli_chr06	58175060	[G/A]	1067301045
Ca_Kabuli_NC_021165.1_58187980	Ca_kabuli_chr06	58187980	[A/G]	1067301046
Ca_Kabuli_NC_021165.1_58190722	Ca_kabuli_chr06	58190722	[A/G]	1067301047
Ca_Kabuli_NC_021165.1_58190723	Ca_kabuli_chr06	58190723	[G/A]	1067301048
Ca_Kabuli_NC_021165.1_58190724	Ca_kabuli_chr06	58190724	[A/G]	1067301049
Ca_Kabuli_NC_021165.1_58191028	Ca_kabuli_chr06	58191028	[A/G]	1067301050
Ca_Kabuli_NC_021165.1_58191054	Ca_kabuli_chr06	58191054	[T/G]	1067301051
Ca_Kabuli_NC_021165.1_58191065	Ca_kabuli_chr06	58191065	[A/C]	1067301052
Ca_Kabuli_NC_021165.1_58191073	Ca_kabuli_chr06	58191073	[A/C]	1067301053
Ca_Kabuli_NC_021165.1_58201715	Ca_kabuli_chr06	58201715	[T/G]	1067301054
Ca_Kabuli_NC_021165.1_58223959	Ca_kabuli_chr06	58223959	[A/G]	1067301055
Ca_Kabuli_NC_021165.1_58224049	Ca_kabuli_chr06	58224049	[A/C]	1067301056
Ca_Kabuli_NC_021165.1_58224069	Ca_kabuli_chr06	58224069	[A/C]	1067301057
Ca_Kabuli_NC_021165.1_58233856	Ca_kabuli_chr06	58233856	[T/C]	1067301058
Ca_Kabuli_NC_021165.1_58233858	Ca_kabuli_chr06	58233858	[T/C]	1067301059
Ca_Kabuli_NC_021165.1_58233916	Ca_kabuli_chr06	58233916	[T/A]	1067301060
Ca_Kabuli_NC_021165.1_58244019	Ca_kabuli_chr06	58244019	[G/A]	1067301061
Ca_Kabuli_NC_021165.1_58244128	Ca_kabuli_chr06	58244128	[T/C]	1067301062
Ca_Kabuli_NC_021165.1_58244129	Ca_kabuli_chr06	58244129	[G/A]	1067301063
Ca_Kabuli_NC_021165.1_58326313	Ca_kabuli_chr06	58326313	[A/T]	1067301064
Ca_Kabuli_NC_021165.1_58326368	Ca_kabuli_chr06	58326368	[A/G]	1067301065
Ca_Kabuli_NC_021165.1_58401640	Ca_kabuli_chr06	58401640	[G/A]	1067301066
Ca_Kabuli_NC_021165.1_58434180	Ca_kabuli_chr06	58434180	[T/A]	1067301067
Ca_Kabuli_NC_021165.1_58434202	Ca_kabuli_chr06	58434202	[T/C]	1067301068
Ca_Kabuli_NC_021165.1_58434208	Ca_kabuli_chr06	58434208	[T/C]	1067301069
Ca_Kabuli_NC_021165.1_58452890	Ca_kabuli_chr06	58452890	[T/C]	1067301070
Ca_Kabuli_NC_021165.1_58569649	Ca_kabuli_chr06	58569649	[A/G]	1067301071
Ca_Kabuli_NC_021165.1_58571594	Ca_kabuli_chr06	58571594	[T/C]	1067301072
Ca_Kabuli_NC_021165.1_58571615	Ca_kabuli_chr06	58571615	[T/G]	1067301073
Ca_Kabuli_NC_021165.1_58571658	Ca_kabuli_chr06	58571658	[A/T]	1067301074

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021165.1_58618631	Ca_kabuli_chr06	58618631	[A/C]	1067301076
Ca_Kabuli_NC_021165.1_58650318	Ca_kabuli_chr06	58650318	[A/C]	1067301077
Ca_Kabuli_NC_021165.1_58650412	Ca_kabuli_chr06	58650412	[T/C]	1067301078
Ca_Kabuli_NC_021165.1_58650426	Ca_kabuli_chr06	58650426	[A/T]	1067301079
Ca_Kabuli_NC_021165.1_58652851	Ca_kabuli_chr06	58652851	[T/C]	1067301080
Ca_Kabuli_NC_021165.1_58676515	Ca_kabuli_chr06	58676515	[T/C]	1067301081
Ca_Kabuli_NC_021165.1_58676520	Ca_kabuli_chr06	58676520	[T/C]	1067301082
Ca_Kabuli_NC_021165.1_58682397	Ca_kabuli_chr06	58682397	[G/A]	1067301083
Ca_Kabuli_NC_021165.1_58682398	Ca_kabuli_chr06	58682398	[T/A]	1067301084
Ca_Kabuli_NC_021165.1_58746193	Ca_kabuli_chr06	58746193	[T/G]	1067301085
Ca_Kabuli_NC_021165.1_58746209	Ca_kabuli_chr06	58746209	[A/C]	1067301086
Ca_Kabuli_NC_021165.1_58753226	Ca_kabuli_chr06	58753226	[T/A]	1067301087
Ca_Kabuli_NC_021165.1_58820562	Ca_kabuli_chr06	58820562	[T/G]	1067301088
Ca_Kabuli_NC_021165.1_58832691	Ca_kabuli_chr06	58832691	[T/G]	1067301089
Ca_Kabuli_NC_021165.1_58832732	Ca_kabuli_chr06	58832732	[A/T]	1067301090
Ca_Kabuli_NC_021165.1_58864558	Ca_kabuli_chr06	58864558	[A/G]	1067301091
Ca_Kabuli_NC_021165.1_58864584	Ca_kabuli_chr06	58864584	[T/A]	1067301092
Ca_Kabuli_NC_021165.1_58879219	Ca_kabuli_chr06	58879219	[T/G]	1067301093
Ca_Kabuli_NC_021165.1_58879616	Ca_kabuli_chr06	58879616	[T/A]	1067301094
Ca_Kabuli_NC_021165.1_58897252	Ca_kabuli_chr06	58897252	[C/T]	1067301095
Ca_Kabuli_NC_021165.1_58908024	Ca_kabuli_chr06	58908024	[G/A]	1067301096
Ca_Kabuli_NC_021165.1_58911575	Ca_kabuli_chr06	58911575	[T/G]	1067301097
Ca_Kabuli_NC_021165.1_58911693	Ca_kabuli_chr06	58911693	[A/C]	1067301098
Ca_Kabuli_NC_021165.1_58951144	Ca_kabuli_chr06	58951144	[T/C]	1067301099
Ca_Kabuli_NC_021165.1_58984062	Ca_kabuli_chr06	58984062	[A/T]	1067301100
Ca_Kabuli_NC_021165.1_58984063	Ca_kabuli_chr06	58984063	[T/C]	1067301101
Ca_Kabuli_NC_021165.1_58984064	Ca_kabuli_chr06	58984064	[G/T]	1067301102
Ca_Kabuli_NC_021165.1_58993813	Ca_kabuli_chr06	58993813	[T/C]	1067301103
Ca_Kabuli_NC_021165.1_59000599	Ca_kabuli_chr06	59000599	[A/C]	1067301104
Ca_Kabuli_NC_021165.1_59010430	Ca_kabuli_chr06	59010430	[T/A]	1067301105
Ca_Kabuli_NC_021165.1_59010513	Ca_kabuli_chr06	59010513	[C/T]	1067301106
Ca_Kabuli_NC_021165.1_59010536	Ca_kabuli_chr06	59010536	[T/C]	1067301107
Ca_Kabuli_NC_021165.1_59064814	Ca_kabuli_chr06	59064814	[A/G]	1067301108

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021165.1_59081169	Ca_kabuli_chr06	59081169	[T/C]	1067301109
Ca_Kabuli_NC_021165.1_59095529	Ca_kabuli_chr06	59095529	[T/G]	1067301110
Ca_Kabuli_NC_021165.1_59102165	Ca_kabuli_chr06	59102165	[T/C]	1067301111
Ca_Kabuli_NC_021165.1_59135935	Ca_kabuli_chr06	59135935	[T/G]	1067301112
Ca_Kabuli_NC_021165.1_59219116	Ca_kabuli_chr06	59219116	[T/G]	1067301113
Ca_Kabuli_NC_021165.1_59304548	Ca_kabuli_chr06	59304548	[T/G]	1067301114
Ca_Kabuli_NC_021165.1_59367115	Ca_kabuli_chr06	59367115	[C/A]	1067301115
Ca_Kabuli_NC_021165.1_59367116	Ca_kabuli_chr06	59367116	[T/G]	1067301116
Ca_Kabuli_NC_021165.1_59367117	Ca_kabuli_chr06	59367117	[G/A]	1067301117
Ca_Kabuli_NC_021165.1_59367118	Ca_kabuli_chr06	59367118	[G/T]	1067301118
Ca_Kabuli_NC_021165.1_59417909	Ca_kabuli_chr06	59417909	[A/C]	1067301119
Ca_Kabuli_NC_021165.1_59417915	Ca_kabuli_chr06	59417915	[A/G]	1067301120
Ca_Kabuli_NC_021166.1_16589	Ca_kabuli_chr07	16589	[T/C]	1067301121
Ca_Kabuli_NC_021166.1_16881	Ca_kabuli_chr07	16881	[A/C]	1067301122
Ca_Kabuli_NC_021166.1_31121	Ca_kabuli_chr07	31121	[T/C]	1067301123
Ca_Kabuli_NC_021166.1_31129	Ca_kabuli_chr07	31129	[A/G]	1067301124
Ca_Kabuli_NC_021166.1_31137	Ca_kabuli_chr07	31137	[A/G]	1067301125
Ca_Kabuli_NC_021166.1_31139	Ca_kabuli_chr07	31139	[A/G]	1067301126
Ca_Kabuli_NC_021166.1_32278	Ca_kabuli_chr07	32278	[A/C]	1067301127
Ca_Kabuli_NC_021166.1_39091	Ca_kabuli_chr07	39091	[A/C]	1067301128
Ca_Kabuli_NC_021166.1_42032	Ca_kabuli_chr07	42032	[A/C]	1067301129
Ca_Kabuli_NC_021166.1_122600	Ca_kabuli_chr07	122600	[T/G]	1067301130
Ca_Kabuli_NC_021166.1_128956	Ca_kabuli_chr07	128956	[A/T]	1067301131
Ca_Kabuli_NC_021166.1_208851	Ca_kabuli_chr07	208851	[A/C]	1067301132
Ca_Kabuli_NC_021166.1_218330	Ca_kabuli_chr07	218330	[A/G]	1067301133
Ca_Kabuli_NC_021166.1_234618	Ca_kabuli_chr07	234618	[T/C]	1067301134
Ca_Kabuli_NC_021166.1_234624	Ca_kabuli_chr07	234624	[A/G]	1067301135
Ca_Kabuli_NC_021166.1_234648	Ca_kabuli_chr07	234648	[A/G]	1067301136
Ca_Kabuli_NC_021166.1_319218	Ca_kabuli_chr07	319218	[A/C]	1067301137
Ca_Kabuli_NC_021166.1_343628	Ca_kabuli_chr07	343628	[A/G]	1067301138
Ca_Kabuli_NC_021166.1_343919	Ca_kabuli_chr07	343919	[A/C]	1067301139
Ca_Kabuli_NC_021166.1_610723	Ca_kabuli_chr07	610723	[G/T]	1067301140
Ca_Kabuli_NC_021166.1_610737	Ca_kabuli_chr07	610737	[C/A]	1067301141
Ca_Kabuli_NC_021166.1_610741	Ca_kabuli_chr07	610741	[G/A]	1067301142

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021166.1_670596	Ca_kabuli_chr07	670596	[A/G]	1067301143
Ca_Kabuli_NC_021166.1_670605	Ca_kabuli_chr07	670605	[T/C]	1067301144
Ca_Kabuli_NC_021166.1_674764	Ca_kabuli_chr07	674764	[T/C]	1067301145
Ca_Kabuli_NC_021166.1_676748	Ca_kabuli_chr07	676748	[A/C]	1067301146
Ca_Kabuli_NC_021166.1_676759	Ca_kabuli_chr07	676759	[C/T]	1067301147
Ca_Kabuli_NC_021166.1_729733	Ca_kabuli_chr07	729733	[A/G]	1067301148
Ca_Kabuli_NC_021166.1_767739	Ca_kabuli_chr07	767739	[A/C]	1067301149
Ca_Kabuli_NC_021166.1_767896	Ca_kabuli_chr07	767896	[A/C]	1067301150
Ca_Kabuli_NC_021166.1_780997	Ca_kabuli_chr07	780997	[A/C]	1067301151
Ca_Kabuli_NC_021166.1_780998	Ca_kabuli_chr07	780998	[G/T]	1067301152
Ca_Kabuli_NC_021166.1_781341	Ca_kabuli_chr07	781341	[T/G]	1067301153
Ca_Kabuli_NC_021166.1_801799	Ca_kabuli_chr07	801799	[G/T]	1067301154
Ca_Kabuli_NC_021166.1_801802	Ca_kabuli_chr07	801802	[A/C]	1067301155
Ca_Kabuli_NC_021166.1_802085	Ca_kabuli_chr07	802085	[T/G]	1067301156
Ca_Kabuli_NC_021166.1_815447	Ca_kabuli_chr07	815447	[T/G]	1067301157
Ca_Kabuli_NC_021166.1_815452	Ca_kabuli_chr07	815452	[T/G]	1067301158
Ca_Kabuli_NC_021166.1_815466	Ca_kabuli_chr07	815466	[T/G]	1067301159
Ca_Kabuli_NC_021166.1_815471	Ca_kabuli_chr07	815471	[T/G]	1067301160
Ca_Kabuli_NC_021166.1_815504	Ca_kabuli_chr07	815504	[G/T]	1067301161
Ca_Kabuli_NC_021166.1_815505	Ca_kabuli_chr07	815505	[A/G]	1067301162
Ca_Kabuli_NC_021166.1_815506	Ca_kabuli_chr07	815506	[G/T]	1067301163
Ca_Kabuli_NC_021166.1_827475	Ca_kabuli_chr07	827475	[T/C]	1067301164
Ca_Kabuli_NC_021166.1_827495	Ca_kabuli_chr07	827495	[T/C]	1067301165
Ca_Kabuli_NC_021166.1_827514	Ca_kabuli_chr07	827514	[T/C]	1067301166
Ca_Kabuli_NC_021166.1_842109	Ca_kabuli_chr07	842109	[T/A]	1067301167
Ca_Kabuli_NC_021166.1_843870	Ca_kabuli_chr07	843870	[T/G]	1067301168
Ca_Kabuli_NC_021166.1_843871	Ca_kabuli_chr07	843871	[T/A]	1067301169
Ca_Kabuli_NC_021166.1_843873	Ca_kabuli_chr07	843873	[T/C]	1067301170
Ca_Kabuli_NC_021166.1_843874	Ca_kabuli_chr07	843874	[G/T]	1067301171
Ca_Kabuli_NC_021166.1_845430	Ca_kabuli_chr07	845430	[T/C]	1067301172
Ca_Kabuli_NC_021166.1_845475	Ca_kabuli_chr07	845475	[T/G]	1067301173
Ca_Kabuli_NC_021166.1_845482	Ca_kabuli_chr07	845482	[A/G]	1067301174
Ca_Kabuli_NC_021166.1_845492	Ca_kabuli_chr07	845492	[A/G]	1067301175
Ca_Kabuli_NC_021166.1_857952	Ca_kabuli_chr07	857952	[A/C]	1067301176

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021166.1_888948	Ca_kabuli_chr07	888948	[A/C]	1067301177
Ca_Kabuli_NC_021166.1_888954	Ca_kabuli_chr07	888954	[A/C]	1067301178
Ca_Kabuli_NC_021166.1_888957	Ca_kabuli_chr07	888957	[A/C]	1067301179
Ca_Kabuli_NC_021166.1_888979	Ca_kabuli_chr07	888979	[A/G]	1067301180
Ca_Kabuli_NC_021166.1_888982	Ca_kabuli_chr07	888982	[A/C]	1067301181
Ca_Kabuli_NC_021166.1_934378	Ca_kabuli_chr07	934378	[T/G]	1067301182
Ca_Kabuli_NC_021166.1_934384	Ca_kabuli_chr07	934384	[T/C]	1067301183
Ca_Kabuli_NC_021166.1_934418	Ca_kabuli_chr07	934418	[A/C]	1067301184
Ca_Kabuli_NC_021166.1_944687	Ca_kabuli_chr07	944687	[T/G]	1067301185
Ca_Kabuli_NC_021166.1_944696	Ca_kabuli_chr07	944696	[T/C]	1067301186
Ca_Kabuli_NC_021166.1_944702	Ca_kabuli_chr07	944702	[A/T]	1067301187
Ca_Kabuli_NC_021166.1_945251	Ca_kabuli_chr07	945251	[T/A]	1067301188
Ca_Kabuli_NC_021166.1_975248	Ca_kabuli_chr07	975248	[T/G]	1067301189
Ca_Kabuli_NC_021166.1_975255	Ca_kabuli_chr07	975255	[T/G]	1067301190
Ca_Kabuli_NC_021166.1_975262	Ca_kabuli_chr07	975262	[A/G]	1067301191
Ca_Kabuli_NC_021166.1_979745	Ca_kabuli_chr07	979745	[A/G]	1067301192
Ca_Kabuli_NC_021166.1_979748	Ca_kabuli_chr07	979748	[A/C]	1067301193
Ca_Kabuli_NC_021166.1_1023086	Ca_kabuli_chr07	1023086	[A/T]	1067301194
Ca_Kabuli_NC_021166.1_1023092	Ca_kabuli_chr07	1023092	[A/C]	1067301195
Ca_Kabuli_NC_021166.1_1044375	Ca_kabuli_chr07	1044375	[T/C]	1067301196
Ca_Kabuli_NC_021166.1_1086941	Ca_kabuli_chr07	1086941	[T/G]	1067301197
Ca_Kabuli_NC_021166.1_1108985	Ca_kabuli_chr07	1108985	[T/G]	1067301198
Ca_Kabuli_NC_021166.1_1109051	Ca_kabuli_chr07	1109051	[A/G]	1067301199
Ca_Kabuli_NC_021166.1_1120977	Ca_kabuli_chr07	1120977	[A/C]	1067301200
Ca_Kabuli_NC_021166.1_1127710	Ca_kabuli_chr07	1127710	[T/G]	1067301201
Ca_Kabuli_NC_021166.1_1153230	Ca_kabuli_chr07	1153230	[A/C]	1067301202
Ca_Kabuli_NC_021166.1_1153232	Ca_kabuli_chr07	1153232	[C/T]	1067301203
Ca_Kabuli_NC_021166.1_1178312	Ca_kabuli_chr07	1178312	[A/C]	1067301204
Ca_Kabuli_NC_021166.1_1178335	Ca_kabuli_chr07	1178335	[A/C]	1067301205
Ca_Kabuli_NC_021166.1_1210467	Ca_kabuli_chr07	1210467	[A/C]	1067301206
Ca_Kabuli_NC_021166.1_1261345	Ca_kabuli_chr07	1261345	[A/T]	1067301207
Ca_Kabuli_NC_021166.1_1261355	Ca_kabuli_chr07	1261355	[T/A]	1067301208
Ca_Kabuli_NC_021166.1_1261372	Ca_kabuli_chr07	1261372	[A/T]	1067301209
Ca_Kabuli_NC_021166.1_1261380	Ca_kabuli_chr07	1261380	[A/G]	1067301210

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_1278577	Ca_kabuli_chr07	1278577	[A/G]	1067301212
Ca_Kabuli_NC_021166.1_1278590	Ca_kabuli_chr07	1278590	[A/G]	1067301213
Ca_Kabuli_NC_021166.1_1278598	Ca_kabuli_chr07	1278598	[T/C]	1067301214
Ca_Kabuli_NC_021166.1_1293601	Ca_kabuli_chr07	1293601	[C/G]	1067301215
Ca_Kabuli_NC_021166.1_1317991	Ca_kabuli_chr07	1317991	[T/A]	1067301216
Ca_Kabuli_NC_021166.1_1350841	Ca_kabuli_chr07	1350841	[T/A]	1067301217
Ca_Kabuli_NC_021166.1_1350851	Ca_kabuli_chr07	1350851	[A/T]	1067301218
Ca_Kabuli_NC_021166.1_1350879	Ca_kabuli_chr07	1350879	[T/G]	1067301219
Ca_Kabuli_NC_021166.1_1392884	Ca_kabuli_chr07	1392884	[T/G]	1067301220
Ca_Kabuli_NC_021166.1_1392901	Ca_kabuli_chr07	1392901	[A/C]	1067301221
Ca_Kabuli_NC_021166.1_1436365	Ca_kabuli_chr07	1436365	[T/C]	1067301222
Ca_Kabuli_NC_021166.1_1461463	Ca_kabuli_chr07	1461463	[T/G]	1067301223
Ca_Kabuli_NC_021166.1_1461481	Ca_kabuli_chr07	1461481	[T/C]	1067301224
Ca_Kabuli_NC_021166.1_1461485	Ca_kabuli_chr07	1461485	[T/A]	1067301225
Ca_Kabuli_NC_021166.1_1473431	Ca_kabuli_chr07	1473431	[A/G]	1067301226
Ca_Kabuli_NC_021166.1_1505488	Ca_kabuli_chr07	1505488	[T/G]	1067301227
Ca_Kabuli_NC_021166.1_1510868	Ca_kabuli_chr07	1510868	[A/G]	1067301228
Ca_Kabuli_NC_021166.1_1542686	Ca_kabuli_chr07	1542686	[T/G]	1067301229
Ca_Kabuli_NC_021166.1_1542711	Ca_kabuli_chr07	1542711	[A/C]	1067301230
Ca_Kabuli_NC_021166.1_1655087	Ca_kabuli_chr07	1655087	[C/A]	1067301231
Ca_Kabuli_NC_021166.1_1668139	Ca_kabuli_chr07	1668139	[T/C]	1067301232
Ca_Kabuli_NC_021166.1_1668197	Ca_kabuli_chr07	1668197	[A/G]	1067301233
Ca_Kabuli_NC_021166.1_1690930	Ca_kabuli_chr07	1690930	[T/C]	1067301234
Ca_Kabuli_NC_021166.1_1704808	Ca_kabuli_chr07	1704808	[G/A]	1067301235
Ca_Kabuli_NC_021166.1_1704814	Ca_kabuli_chr07	1704814	[T/C]	1067301236
Ca_Kabuli_NC_021166.1_1787368	Ca_kabuli_chr07	1787368	[T/C]	1067301237
Ca_Kabuli_NC_021166.1_1813421	Ca_kabuli_chr07	1813421	[T/A]	1067301238
Ca_Kabuli_NC_021166.1_1818008	Ca_kabuli_chr07	1818008	[T/C]	1067301239
Ca_Kabuli_NC_021166.1_1818016	Ca_kabuli_chr07	1818016	[T/A]	1067301240
Ca_Kabuli_NC_021166.1_1962779	Ca_kabuli_chr07	1962779	[A/C]	1067301241
Ca_Kabuli_NC_021166.1_2012887	Ca_kabuli_chr07	2012887	[A/T]	1067301242
Ca_Kabuli_NC_021166.1_2075524	Ca_kabuli_chr07	2075524	[A/G]	1067301243
Ca_Kabuli_NC_021166.1_2076232	Ca_kabuli_chr07	2076232	[A/C]	1067301244

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_2078242	Ca_kabuli_chr07	2078242	[A/T]	1067301247
Ca_Kabuli_NC_021166.1_2082069	Ca_kabuli_chr07	2082069	[T/G]	1067301248
Ca_Kabuli_NC_021166.1_2086339	Ca_kabuli_chr07	2086339	[T/G]	1067301249
Ca_Kabuli_NC_021166.1_2086352	Ca_kabuli_chr07	2086352	[T/G]	1067301250
Ca_Kabuli_NC_021166.1_2106917	Ca_kabuli_chr07	2106917	[A/G]	1067301251
Ca_Kabuli_NC_021166.1_2167473	Ca_kabuli_chr07	2167473	[T/A]	1067301252
Ca_Kabuli_NC_021166.1_2167499	Ca_kabuli_chr07	2167499	[A/G]	1067301253
Ca_Kabuli_NC_021166.1_2167530	Ca_kabuli_chr07	2167530	[T/C]	1067301254
Ca_Kabuli_NC_021166.1_2211895	Ca_kabuli_chr07	2211895	[A/G]	1067301255
Ca_Kabuli_NC_021166.1_2211898	Ca_kabuli_chr07	2211898	[T/C]	1067301256
Ca_Kabuli_NC_021166.1_2211905	Ca_kabuli_chr07	2211905	[T/C]	1067301257
Ca_Kabuli_NC_021166.1_2213655	Ca_kabuli_chr07	2213655	[T/A]	1067301258
Ca_Kabuli_NC_021166.1_2230358	Ca_kabuli_chr07	2230358	[T/G]	1067301259
Ca_Kabuli_NC_021166.1_2259629	Ca_kabuli_chr07	2259629	[T/C]	1067301260
Ca_Kabuli_NC_021166.1_2259664	Ca_kabuli_chr07	2259664	[A/T]	1067301261
Ca_Kabuli_NC_021166.1_2262889	Ca_kabuli_chr07	2262889	[A/C]	1067301262
Ca_Kabuli_NC_021166.1_2262896	Ca_kabuli_chr07	2262896	[A/C]	1067301263
Ca_Kabuli_NC_021166.1_2391350	Ca_kabuli_chr07	2391350	[T/G]	1067301264
Ca_Kabuli_NC_021166.1_2453653	Ca_kabuli_chr07	2453653	[T/G]	1067301265
Ca_Kabuli_NC_021166.1_2487540	Ca_kabuli_chr07	2487540	[C/A]	1067301266
Ca_Kabuli_NC_021166.1_2487542	Ca_kabuli_chr07	2487542	[G/A]	1067301267
Ca_Kabuli_NC_021166.1_2522738	Ca_kabuli_chr07	2522738	[A/C]	1067301268
Ca_Kabuli_NC_021166.1_2522739	Ca_kabuli_chr07	2522739	[G/C]	1067301269
Ca_Kabuli_NC_021166.1_2549728	Ca_kabuli_chr07	2549728	[C/T]	1067301270
Ca_Kabuli_NC_021166.1_2549729	Ca_kabuli_chr07	2549729	[T/G]	1067301271
Ca_Kabuli_NC_021166.1_2554390	Ca_kabuli_chr07	2554390	[C/A]	1067301272
Ca_Kabuli_NC_021166.1_2554391	Ca_kabuli_chr07	2554391	[C/G]	1067301273
Ca_Kabuli_NC_021166.1_2554392	Ca_kabuli_chr07	2554392	[T/A]	1067301274
Ca_Kabuli_NC_021166.1_2554393	Ca_kabuli_chr07	2554393	[G/T]	1067301275
Ca_Kabuli_NC_021166.1_2609796	Ca_kabuli_chr07	2609796	[A/G]	1067301276
Ca_Kabuli_NC_021166.1_2639959	Ca_kabuli_chr07	2639959	[A/G]	1067301277
Ca_Kabuli_NC_021166.1_2639984	Ca_kabuli_chr07	2639984	[T/G]	1067301278



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_2740954	Ca_kabuli_chr07	2740954	[T/C]	1067301280
Ca_Kabuli_NC_021166.1_2740961	Ca_kabuli_chr07	2740961	[T/C]	1067301281
Ca_Kabuli_NC_021166.1_2745693	Ca_kabuli_chr07	2745693	[A/C]	1067301282
Ca_Kabuli_NC_021166.1_2745699	Ca_kabuli_chr07	2745699	[T/C]	1067301283
Ca_Kabuli_NC_021166.1_2793055	Ca_kabuli_chr07	2793055	[T/G]	1067301284
Ca_Kabuli_NC_021166.1_2881228	Ca_kabuli_chr07	2881228	[A/T]	1067301285
Ca_Kabuli_NC_021166.1_2881229	Ca_kabuli_chr07	2881229	[T/A]	1067301286
Ca_Kabuli_NC_021166.1_2881230	Ca_kabuli_chr07	2881230	[A/T]	1067301287
Ca_Kabuli_NC_021166.1_2881234	Ca_kabuli_chr07	2881234	[A/G]	1067301288
Ca_Kabuli_NC_021166.1_2881235	Ca_kabuli_chr07	2881235	[G/A]	1067301289
Ca_Kabuli_NC_021166.1_2881236	Ca_kabuli_chr07	2881236	[A/G]	1067301290
Ca_Kabuli_NC_021166.1_3012247	Ca_kabuli_chr07	3012247	[T/G]	1067301291
Ca_Kabuli_NC_021166.1_3012253	Ca_kabuli_chr07	3012253	[A/G]	1067301292
Ca_Kabuli_NC_021166.1_3022874	Ca_kabuli_chr07	3022874	[T/A]	1067301293
Ca_Kabuli_NC_021166.1_3022929	Ca_kabuli_chr07	3022929	[A/T]	1067301294
Ca_Kabuli_NC_021166.1_3024940	Ca_kabuli_chr07	3024940	[A/G]	1067301295
Ca_Kabuli_NC_021166.1_3029708	Ca_kabuli_chr07	3029708	[T/G]	1067301296
Ca_Kabuli_NC_021166.1_3029735	Ca_kabuli_chr07	3029735	[T/G]	1067301297
Ca_Kabuli_NC_021166.1_3070518	Ca_kabuli_chr07	3070518	[A/C]	1067301298
Ca_Kabuli_NC_021166.1_3070531	Ca_kabuli_chr07	3070531	[A/C]	1067301299
Ca_Kabuli_NC_021166.1_3089276	Ca_kabuli_chr07	3089276	[A/T]	1067301300
Ca_Kabuli_NC_021166.1_3093502	Ca_kabuli_chr07	3093502	[T/C]	1067301301
Ca_Kabuli_NC_021166.1_3186295	Ca_kabuli_chr07	3186295	[A/G]	1067301302
Ca_Kabuli_NC_021166.1_3198209	Ca_kabuli_chr07	3198209	[T/A]	1067301303
Ca_Kabuli_NC_021166.1_3198280	Ca_kabuli_chr07	3198280	[A/C]	1067301304
Ca_Kabuli_NC_021166.1_3265807	Ca_kabuli_chr07	3265807	[A/T]	1067301305
Ca_Kabuli_NC_021166.1_3265844	Ca_kabuli_chr07	3265844	[A/T]	1067301306
Ca_Kabuli_NC_021166.1_3336763	Ca_kabuli_chr07	3336763	[T/G]	1067301307
Ca_Kabuli_NC_021166.1_3336766	Ca_kabuli_chr07	3336766	[A/G]	1067301308
Ca_Kabuli_NC_021166.1_3350846	Ca_kabuli_chr07	3350846	[T/C]	1067301309
Ca_Kabuli_NC_021166.1_3353136	Ca_kabuli_chr07	3353136	[A/C]	1067301310
Ca_Kabuli_NC_021166.1_3354249	Ca_kabuli_chr07	3354249	[A/T]	1067301311
Ca_Kabuli_NC_021166.1_3355562	Ca_kabuli_chr07	3355562	[T/A]	1067301312

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_3355627	Ca_kabuli_chr07	3355627	[A/G]	1067301315
Ca_Kabuli_NC_021166.1_3356062	Ca_kabuli_chr07	3356062	[G/T]	1067301316
Ca_Kabuli_NC_021166.1_3356147	Ca_kabuli_chr07	3356147	[T/C]	1067301317
Ca_Kabuli_NC_021166.1_3356155	Ca_kabuli_chr07	3356155	[T/C]	1067301318
Ca_Kabuli_NC_021166.1_3356159	Ca_kabuli_chr07	3356159	[T/G]	1067301319
Ca_Kabuli_NC_021166.1_3469213	Ca_kabuli_chr07	3469213	[A/C]	1067301320
Ca_Kabuli_NC_021166.1_3511221	Ca_kabuli_chr07	3511221	[T/A]	1067301321
Ca_Kabuli_NC_021166.1_3511237	Ca_kabuli_chr07	3511237	[T/G]	1067301322
Ca_Kabuli_NC_021166.1_3519701	Ca_kabuli_chr07	3519701	[A/C]	1067301323
Ca_Kabuli_NC_021166.1_3521112	Ca_kabuli_chr07	3521112	[T/G]	1067301324
Ca_Kabuli_NC_021166.1_3521257	Ca_kabuli_chr07	3521257	[G/A]	1067301325
Ca_Kabuli_NC_021166.1_3521862	Ca_kabuli_chr07	3521862	[T/C]	1067301326
Ca_Kabuli_NC_021166.1_3540487	Ca_kabuli_chr07	3540487	[T/C]	1067301327
Ca_Kabuli_NC_021166.1_3540504	Ca_kabuli_chr07	3540504	[T/A]	1067301328
Ca_Kabuli_NC_021166.1_3555127	Ca_kabuli_chr07	3555127	[A/T]	1067301329
Ca_Kabuli_NC_021166.1_3555132	Ca_kabuli_chr07	3555132	[T/C]	1067301330
Ca_Kabuli_NC_021166.1_3555258	Ca_kabuli_chr07	3555258	[G/C]	1067301331
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Ca_Kabuli_NC_021166.1_3600826	Ca_kabuli_chr07	3600826	[C/T]	1067301335
Ca_Kabuli_NC_021166.1_3600833	Ca_kabuli_chr07	3600833	[T/G]	1067301336
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Ca_Kabuli_NC_021166.1_3606389	Ca_kabuli_chr07	3606389	[T/C]	1067301339
Ca_Kabuli_NC_021166.1_3606394	Ca_kabuli_chr07	3606394	[A/T]	1067301340
Ca_Kabuli_NC_021166.1_3665648	Ca_kabuli_chr07	3665648	[G/T]	1067301341
Ca_Kabuli_NC_021166.1_3665649	Ca_kabuli_chr07	3665649	[T/C]	1067301342
Ca_Kabuli_NC_021166.1_3665686	Ca_kabuli_chr07	3665686	[C/T]	1067301343
Ca_Kabuli_NC_021166.1_3672192	Ca_kabuli_chr07	3672192	[T/C]	1067301344
Ca_Kabuli_NC_021166.1_3672236	Ca_kabuli_chr07	3672236	[G/A]	1067301345
Ca_Kabuli_NC_021166.1_3734068	Ca_kabuli_chr07	3734068	[A/G]	1067301346

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021166.1_3746446	Ca_kabuli_chr07	3746446	[A/C]	1067301347
Ca_Kabuli_NC_021166.1_3792833	Ca_kabuli_chr07	3792833	[T/C]	1067301348
Ca_Kabuli_NC_021166.1_3803144	Ca_kabuli_chr07	3803144	[A/C]	1067301349
Ca_Kabuli_NC_021166.1_3828459	Ca_kabuli_chr07	3828459	[T/A]	1067301350
Ca_Kabuli_NC_021166.1_3828460	Ca_kabuli_chr07	3828460	[A/T]	1067301351
Ca_Kabuli_NC_021166.1_3828467	Ca_kabuli_chr07	3828467	[A/G]	1067301352
Ca_Kabuli_NC_021166.1_3829182	Ca_kabuli_chr07	3829182	[A/G]	1067301353
Ca_Kabuli_NC_021166.1_3843124	Ca_kabuli_chr07	3843124	[G/T]	1067301354
Ca_Kabuli_NC_021166.1_3867048	Ca_kabuli_chr07	3867048	[T/G]	1067301355
Ca_Kabuli_NC_021166.1_3884997	Ca_kabuli_chr07	3884997	[A/G]	1067301356
Ca_Kabuli_NC_021166.1_3922042	Ca_kabuli_chr07	3922042	[T/A]	1067301357
Ca_Kabuli_NC_021166.1_3922049	Ca_kabuli_chr07	3922049	[A/G]	1067301358
Ca_Kabuli_NC_021166.1_3924982	Ca_kabuli_chr07	3924982	[A/C]	1067301359
Ca_Kabuli_NC_021166.1_3925004	Ca_kabuli_chr07	3925004	[A/G]	1067301360
Ca_Kabuli_NC_021166.1_3971250	Ca_kabuli_chr07	3971250	[T/C]	1067301361
Ca_Kabuli_NC_021166.1_3982609	Ca_kabuli_chr07	3982609	[C/A]	1067301362
Ca_Kabuli_NC_021166.1_3982616	Ca_kabuli_chr07	3982616	[T/C]	1067301363
Ca_Kabuli_NC_021166.1_4017869	Ca_kabuli_chr07	4017869	[G/T]	1067301364
Ca_Kabuli_NC_021166.1_4017874	Ca_kabuli_chr07	4017874	[A/C]	1067301365
Ca_Kabuli_NC_021166.1_4073827	Ca_kabuli_chr07	4073827	[A/C]	1067301366
Ca_Kabuli_NC_021166.1_4073844	Ca_kabuli_chr07	4073844	[T/C]	1067301367
Ca_Kabuli_NC_021166.1_4079212	Ca_kabuli_chr07	4079212	[T/C]	1067301368
Ca_Kabuli_NC_021166.1_4080841	Ca_kabuli_chr07	4080841	[T/A]	1067301369
Ca_Kabuli_NC_021166.1_4080868	Ca_kabuli_chr07	4080868	[T/A]	1067301370
Ca_Kabuli_NC_021166.1_4106134	Ca_kabuli_chr07	4106134	[T/G]	1067301371
Ca_Kabuli_NC_021166.1_4183185	Ca_kabuli_chr07	4183185	[G/A]	1067301372
Ca_Kabuli_NC_021166.1_4194848	Ca_kabuli_chr07	4194848	[C/T]	1067301373
Ca_Kabuli_NC_021166.1_4194852	Ca_kabuli_chr07	4194852	[A/C]	1067301374
Ca_Kabuli_NC_021166.1_4194854	Ca_kabuli_chr07	4194854	[T/C]	1067301375
Ca_Kabuli_NC_021166.1_4198812	Ca_kabuli_chr07	4198812	[A/C]	1067301376
Ca_Kabuli_NC_021166.1_4198838	Ca_kabuli_chr07	4198838	[A/C]	1067301377
Ca_Kabuli_NC_021166.1_4200958	Ca_kabuli_chr07	4200958	[T/G]	1067301378
Ca_Kabuli_NC_021166.1_4209424	Ca_kabuli_chr07	4209424	[A/C]	1067301379
Ca_Kabuli_NC_021166.1_4225282	Ca_kabuli_chr07	4225282	[T/G]	1067301380

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_4225294	Ca_kabuli_chr07	4225294	[A/G]	1067301382
Ca_Kabuli_NC_021166.1_4225298	Ca_kabuli_chr07	4225298	[A/G]	1067301383
Ca_Kabuli_NC_021166.1_4225305	Ca_kabuli_chr07	4225305	[T/C]	1067301384
Ca_Kabuli_NC_021166.1_4240704	Ca_kabuli_chr07	4240704	[A/C]	1067301385
Ca_Kabuli_NC_021166.1_4240784	Ca_kabuli_chr07	4240784	[T/G]	1067301386
Ca_Kabuli_NC_021166.1_4240787	Ca_kabuli_chr07	4240787	[A/G]	1067301387
Ca_Kabuli_NC_021166.1_4240790	Ca_kabuli_chr07	4240790	[T/C]	1067301388
Ca_Kabuli_NC_021166.1_4240796	Ca_kabuli_chr07	4240796	[A/G]	1067301389
Ca_Kabuli_NC_021166.1_4240799	Ca_kabuli_chr07	4240799	[T/G]	1067301390
Ca_Kabuli_NC_021166.1_4284506	Ca_kabuli_chr07	4284506	[T/C]	1067301391
Ca_Kabuli_NC_021166.1_4284510	Ca_kabuli_chr07	4284510	[T/C]	1067301392
Ca_Kabuli_NC_021166.1_4345128	Ca_kabuli_chr07	4345128	[T/G]	1067301393
Ca_Kabuli_NC_021166.1_4345339	Ca_kabuli_chr07	4345339	[T/C]	1067301394
Ca_Kabuli_NC_021166.1_4358380	Ca_kabuli_chr07	4358380	[C/T]	1067301395
Ca_Kabuli_NC_021166.1_4470279	Ca_kabuli_chr07	4470279	[A/C]	1067301396
Ca_Kabuli_NC_021166.1_4495064	Ca_kabuli_chr07	4495064	[T/G]	1067301397
Ca_Kabuli_NC_021166.1_4495075	Ca_kabuli_chr07	4495075	[A/T]	1067301398
Ca_Kabuli_NC_021166.1_4552596	Ca_kabuli_chr07	4552596	[A/G]	1067301399
Ca_Kabuli_NC_021166.1_4552623	Ca_kabuli_chr07	4552623	[A/G]	1067301400
Ca_Kabuli_NC_021166.1_4552740	Ca_kabuli_chr07	4552740	[A/C]	1067301401
Ca_Kabuli_NC_021166.1_4552745	Ca_kabuli_chr07	4552745	[A/G]	1067301402
Ca_Kabuli_NC_021166.1_4552751	Ca_kabuli_chr07	4552751	[T/C]	1067301403
Ca_Kabuli_NC_021166.1_4553487	Ca_kabuli_chr07	4553487	[A/C]	1067301404
Ca_Kabuli_NC_021166.1_4573210	Ca_kabuli_chr07	4573210	[T/C]	1067301405
Ca_Kabuli_NC_021166.1_4625723	Ca_kabuli_chr07	4625723	[T/C]	1067301406
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Ca_Kabuli_NC_021166.1_4653114	Ca_kabuli_chr07	4653114	[T/G]	1067301409
Ca_Kabuli_NC_021166.1_4653200	Ca_kabuli_chr07	4653200	[G/T]	1067301410
Ca_Kabuli_NC_021166.1_4653201	Ca_kabuli_chr07	4653201	[T/G]	1067301411
Ca_Kabuli_NC_021166.1_4653207	Ca_kabuli_chr07	4653207	[T/G]	1067301412
Ca_Kabuli_NC_021166.1_4705772	Ca_kabuli_chr07	4705772	[T/G]	1067301413
Ca_Kabuli_NC_021166.1_4705803	Ca_kabuli_chr07	4705803	[A/C]	1067301414

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_4726662	Ca_kabuli_chr07	4726662	[A/C]	1067301416
Ca_Kabuli_NC_021166.1_4726667	Ca_kabuli_chr07	4726667	[A/G]	1067301417
Ca_Kabuli_NC_021166.1_4726676	Ca_kabuli_chr07	4726676	[T/A]	1067301418
Ca_Kabuli_NC_021166.1_4749212	Ca_kabuli_chr07	4749212	[T/G]	1067301419
Ca_Kabuli_NC_021166.1_4749260	Ca_kabuli_chr07	4749260	[A/C]	1067301420
Ca_Kabuli_NC_021166.1_4749275	Ca_kabuli_chr07	4749275	[A/C]	1067301421
Ca_Kabuli_NC_021166.1_4752718	Ca_kabuli_chr07	4752718	[A/G]	1067301422
Ca_Kabuli_NC_021166.1_4752720	Ca_kabuli_chr07	4752720	[C/G]	1067301423
Ca_Kabuli_NC_021166.1_4752721	Ca_kabuli_chr07	4752721	[T/G]	1067301424
Ca_Kabuli_NC_021166.1_4756302	Ca_kabuli_chr07	4756302	[T/C]	1067301425
Ca_Kabuli_NC_021166.1_4772488	Ca_kabuli_chr07	4772488	[T/G]	1067301426
Ca_Kabuli_NC_021166.1_4772494	Ca_kabuli_chr07	4772494	[T/G]	1067301427
Ca_Kabuli_NC_021166.1_4772506	Ca_kabuli_chr07	4772506	[A/G]	1067301428
Ca_Kabuli_NC_021166.1_4772517	Ca_kabuli_chr07	4772517	[A/G]	1067301429
Ca_Kabuli_NC_021166.1_4772529	Ca_kabuli_chr07	4772529	[A/G]	1067301430
Ca_Kabuli_NC_021166.1_4772534	Ca_kabuli_chr07	4772534	[A/G]	1067301431
Ca_Kabuli_NC_021166.1_4872404	Ca_kabuli_chr07	4872404	[T/C]	1067301432
Ca_Kabuli_NC_021166.1_4884236	Ca_kabuli_chr07	4884236	[C/A]	1067301433
Ca_Kabuli_NC_021166.1_4946036	Ca_kabuli_chr07	4946036	[T/G]	1067301434
Ca_Kabuli_NC_021166.1_5167444	Ca_kabuli_chr07	5167444	[G/A]	1067301435
Ca_Kabuli_NC_021166.1_5258830	Ca_kabuli_chr07	5258830	[T/C]	1067301436
Ca_Kabuli_NC_021166.1_5310202	Ca_kabuli_chr07	5310202	[T/C]	1067301437
Ca_Kabuli_NC_021166.1_5310277	Ca_kabuli_chr07	5310277	[A/T]	1067301438
Ca_Kabuli_NC_021166.1_5314496	Ca_kabuli_chr07	5314496	[A/C]	1067301439
Ca_Kabuli_NC_021166.1_5335404	Ca_kabuli_chr07	5335404	[A/T]	1067301440
Ca_Kabuli_NC_021166.1_5335413	Ca_kabuli_chr07	5335413	[T/A]	1067301441
Ca_Kabuli_NC_021166.1_5335427	Ca_kabuli_chr07	5335427	[A/G]	1067301442
Ca_Kabuli_NC_021166.1_5338685	Ca_kabuli_chr07	5338685	[C/A]	1067301443
Ca_Kabuli_NC_021166.1_5361519	Ca_kabuli_chr07	5361519	[A/C]	1067301444
Ca_Kabuli_NC_021166.1_5361550	Ca_kabuli_chr07	5361550	[T/G]	1067301445
Ca_Kabuli_NC_021166.1_5379203	Ca_kabuli_chr07	5379203	[T/A]	1067301446
Ca_Kabuli_NC_021166.1_5383562	Ca_kabuli_chr07	5383562	[A/G]	1067301447
Ca_Kabuli_NC_021166.1_5383570	Ca_kabuli_chr07	5383570	[T/C]	1067301448

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_5383683	Ca_kabuli_chr07	5383683	[C/A]	1067301450
Ca_Kabuli_NC_021166.1_5383695	Ca_kabuli_chr07	5383695	[G/T]	1067301451
Ca_Kabuli_NC_021166.1_5383767	Ca_kabuli_chr07	5383767	[A/G]	1067301452
Ca_Kabuli_NC_021166.1_5384422	Ca_kabuli_chr07	5384422	[T/C]	1067301453
Ca_Kabuli_NC_021166.1_5406524	Ca_kabuli_chr07	5406524	[G/T]	1067301454
Ca_Kabuli_NC_021166.1_5421642	Ca_kabuli_chr07	5421642	[G/C]	1067301455
Ca_Kabuli_NC_021166.1_5421733	Ca_kabuli_chr07	5421733	[C/T]	1067301456
Ca_Kabuli_NC_021166.1_5447889	Ca_kabuli_chr07	5447889	[T/A]	1067301457
Ca_Kabuli_NC_021166.1_5464904	Ca_kabuli_chr07	5464904	[T/G]	1067301458
Ca_Kabuli_NC_021166.1_5466193	Ca_kabuli_chr07	5466193	[A/T]	1067301459
Ca_Kabuli_NC_021166.1_5467296	Ca_kabuli_chr07	5467296	[A/T]	1067301460
Ca_Kabuli_NC_021166.1_5467645	Ca_kabuli_chr07	5467645	[A/G]	1067301461
Ca_Kabuli_NC_021166.1_5467677	Ca_kabuli_chr07	5467677	[T/C]	1067301462
Ca_Kabuli_NC_021166.1_5467703	Ca_kabuli_chr07	5467703	[A/G]	1067301463
Ca_Kabuli_NC_021166.1_5467744	Ca_kabuli_chr07	5467744	[C/G]	1067301464
Ca_Kabuli_NC_021166.1_5474255	Ca_kabuli_chr07	5474255	[C/T]	1067301465
Ca_Kabuli_NC_021166.1_5477139	Ca_kabuli_chr07	5477139	[C/A]	1067301466
Ca_Kabuli_NC_021166.1_5504454	Ca_kabuli_chr07	5504454	[C/T]	1067301467
Ca_Kabuli_NC_021166.1_5508045	Ca_kabuli_chr07	5508045	[A/C]	1067301468
Ca_Kabuli_NC_021166.1_5508097	Ca_kabuli_chr07	5508097	[A/G]	1067301469
Ca_Kabuli_NC_021166.1_5508120	Ca_kabuli_chr07	5508120	[A/G]	1067301470
Ca_Kabuli_NC_021166.1_5508146	Ca_kabuli_chr07	5508146	[T/C]	1067301471
Ca_Kabuli_NC_021166.1_5508157	Ca_kabuli_chr07	5508157	[A/C]	1067301472
Ca_Kabuli_NC_021166.1_5508159	Ca_kabuli_chr07	5508159	[A/C]	1067301473
Ca_Kabuli_NC_021166.1_5508162	Ca_kabuli_chr07	5508162	[A/C]	1067301474
Ca_Kabuli_NC_021166.1_5510004	Ca_kabuli_chr07	5510004	[T/C]	1067301475
Ca_Kabuli_NC_021166.1_5510013	Ca_kabuli_chr07	5510013	[T/A]	1067301476
Ca_Kabuli_NC_021166.1_5510015	Ca_kabuli_chr07	5510015	[T/G]	1067301477
Ca_Kabuli_NC_021166.1_5513267	Ca_kabuli_chr07	5513267	[T/C]	1067301478
Ca_Kabuli_NC_021166.1_5520720	Ca_kabuli_chr07	5520720	[G/T]	1067301479
Ca_Kabuli_NC_021166.1_5521466	Ca_kabuli_chr07	5521466	[T/G]	1067301480
Ca_Kabuli_NC_021166.1_5521501	Ca_kabuli_chr07	5521501	[A/G]	1067301481
Ca_Kabuli_NC_021166.1_5521659	Ca_kabuli_chr07	5521659	[T/G]	1067301482

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_5529531	Ca_kabuli_chr07	5529531	[T/C]	1067301484
Ca_Kabuli_NC_021166.1_5529548	Ca_kabuli_chr07	5529548	[A/G]	1067301485
Ca_Kabuli_NC_021166.1_5529567	Ca_kabuli_chr07	5529567	[A/C]	1067301486
Ca_Kabuli_NC_021166.1_5529607	Ca_kabuli_chr07	5529607	[A/T]	1067301487
Ca_Kabuli_NC_021166.1_5529640	Ca_kabuli_chr07	5529640	[T/G]	1067301488
Ca_Kabuli_NC_021166.1_5529888	Ca_kabuli_chr07	5529888	[G/A]	1067301489
Ca_Kabuli_NC_021166.1_5537851	Ca_kabuli_chr07	5537851	[C/G]	1067301490
Ca_Kabuli_NC_021166.1_5537880	Ca_kabuli_chr07	5537880	[T/G]	1067301491
Ca_Kabuli_NC_021166.1_5542515	Ca_kabuli_chr07	5542515	[C/T]	1067301492
Ca_Kabuli_NC_021166.1_5542812	Ca_kabuli_chr07	5542812	[A/C]	1067301493
Ca_Kabuli_NC_021166.1_5549428	Ca_kabuli_chr07	5549428	[T/C]	1067301494
Ca_Kabuli_NC_021166.1_5549545	Ca_kabuli_chr07	5549545	[A/T]	1067301495
Ca_Kabuli_NC_021166.1_5554807	Ca_kabuli_chr07	5554807	[C/G]	1067301496
Ca_Kabuli_NC_021166.1_5554841	Ca_kabuli_chr07	5554841	[G/T]	1067301497
Ca_Kabuli_NC_021166.1_5560122	Ca_kabuli_chr07	5560122	[T/C]	1067301498
Ca_Kabuli_NC_021166.1_5577258	Ca_kabuli_chr07	5577258	[G/T]	1067301499
Ca_Kabuli_NC_021166.1_5577298	Ca_kabuli_chr07	5577298	[A/C]	1067301500
Ca_Kabuli_NC_021166.1_5577310	Ca_kabuli_chr07	5577310	[A/C]	1067301501
Ca_Kabuli_NC_021166.1_5577311	Ca_kabuli_chr07	5577311	[C/T]	1067301502
Ca_Kabuli_NC_021166.1_5577320	Ca_kabuli_chr07	5577320	[A/C]	1067301503
Ca_Kabuli_NC_021166.1_5577321	Ca_kabuli_chr07	5577321	[A/C]	1067301504
Ca_Kabuli_NC_021166.1_5577329	Ca_kabuli_chr07	5577329	[A/C]	1067301505
Ca_Kabuli_NC_021166.1_5593731	Ca_kabuli_chr07	5593731	[A/C]	1067301506
Ca_Kabuli_NC_021166.1_5631304	Ca_kabuli_chr07	5631304	[T/C]	1067301507
Ca_Kabuli_NC_021166.1_5662888	Ca_kabuli_chr07	5662888	[C/T]	1067301508
Ca_Kabuli_NC_021166.1_5662910	Ca_kabuli_chr07	5662910	[G/A]	1067301509
Ca_Kabuli_NC_021166.1_5668592	Ca_kabuli_chr07	5668592	[A/C]	1067301510
Ca_Kabuli_NC_021166.1_5671912	Ca_kabuli_chr07	5671912	[T/G]	1067301511
Ca_Kabuli_NC_021166.1_5671987	Ca_kabuli_chr07	5671987	[A/C]	1067301512
Ca_Kabuli_NC_021166.1_5672156	Ca_kabuli_chr07	5672156	[C/T]	1067301513
Ca_Kabuli_NC_021166.1_5672245	Ca_kabuli_chr07	5672245	[A/C]	1067301514
Ca_Kabuli_NC_021166.1_5672729	Ca_kabuli_chr07	5672729	[T/G]	1067301515
Ca_Kabuli_NC_021166.1_5678659	Ca_kabuli_chr07	5678659	[G/A]	1067301516

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_5694937	Ca_kabuli_chr07	5694937	[G/A]	1067301518
Ca_Kabuli_NC_021166.1_5694979	Ca_kabuli_chr07	5694979	[A/C]	1067301519
Ca_Kabuli_NC_021166.1_5694980	Ca_kabuli_chr07	5694980	[C/T]	1067301520
Ca_Kabuli_NC_021166.1_5713977	Ca_kabuli_chr07	5713977	[C/T]	1067301521
Ca_Kabuli_NC_021166.1_5714130	Ca_kabuli_chr07	5714130	[A/G]	1067301522
Ca_Kabuli_NC_021166.1_5728543	Ca_kabuli_chr07	5728543	[C/G]	1067301523
Ca_Kabuli_NC_021166.1_5730386	Ca_kabuli_chr07	5730386	[C/G]	1067301524
Ca_Kabuli_NC_021166.1_5731803	Ca_kabuli_chr07	5731803	[T/C]	1067301525
Ca_Kabuli_NC_021166.1_5731817	Ca_kabuli_chr07	5731817	[G/C]	1067301526
Ca_Kabuli_NC_021166.1_5735448	Ca_kabuli_chr07	5735448	[A/C]	1067301527
Ca_Kabuli_NC_021166.1_5735456	Ca_kabuli_chr07	5735456	[A/C]	1067301528
Ca_Kabuli_NC_021166.1_5735461	Ca_kabuli_chr07	5735461	[A/C]	1067301529
Ca_Kabuli_NC_021166.1_5735893	Ca_kabuli_chr07	5735893	[C/G]	1067301530
Ca_Kabuli_NC_021166.1_5735906	Ca_kabuli_chr07	5735906	[G/T]	1067301531
Ca_Kabuli_NC_021166.1_5737401	Ca_kabuli_chr07	5737401	[T/G]	1067301532
Ca_Kabuli_NC_021166.1_5737422	Ca_kabuli_chr07	5737422	[T/G]	1067301533
Ca_Kabuli_NC_021166.1_5756269	Ca_kabuli_chr07	5756269	[T/C]	1067301534
Ca_Kabuli_NC_021166.1_5769036	Ca_kabuli_chr07	5769036	[C/A]	1067301535
Ca_Kabuli_NC_021166.1_5772892	Ca_kabuli_chr07	5772892	[T/G]	1067301536
Ca_Kabuli_NC_021166.1_5774221	Ca_kabuli_chr07	5774221	[A/T]	1067301537
Ca_Kabuli_NC_021166.1_5774325	Ca_kabuli_chr07	5774325	[G/C]	1067301538
Ca_Kabuli_NC_021166.1_5774327	Ca_kabuli_chr07	5774327	[G/T]	1067301539
Ca_Kabuli_NC_021166.1_5774328	Ca_kabuli_chr07	5774328	[A/T]	1067301540
Ca_Kabuli_NC_021166.1_5774329	Ca_kabuli_chr07	5774329	[A/G]	1067301541
Ca_Kabuli_NC_021166.1_5802607	Ca_kabuli_chr07	5802607	[G/T]	1067301542
Ca_Kabuli_NC_021166.1_5834024	Ca_kabuli_chr07	5834024	[T/C]	1067301543
Ca_Kabuli_NC_021166.1_5836421	Ca_kabuli_chr07	5836421	[T/A]	1067301544
Ca_Kabuli_NC_021166.1_5846477	Ca_kabuli_chr07	5846477	[G/A]	1067301545
Ca_Kabuli_NC_021166.1_5849877	Ca_kabuli_chr07	5849877	[G/C]	1067301546
Ca_Kabuli_NC_021166.1_5849892	Ca_kabuli_chr07	5849892	[G/A]	1067301547
Ca_Kabuli_NC_021166.1_5849946	Ca_kabuli_chr07	5849946	[A/G]	1067301548
Ca_Kabuli_NC_021166.1_5849960	Ca_kabuli_chr07	5849960	[T/G]	1067301549
Ca_Kabuli_NC_021166.1_5852913	Ca_kabuli_chr07	5852913	[G/T]	1067301550



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_5854576	Ca_kabuli_chr07	5854576	[A/C]	1067301552
Ca_Kabuli_NC_021166.1_5854577	Ca_kabuli_chr07	5854577	[G/T]	1067301553
Ca_Kabuli_NC_021166.1_5854578	Ca_kabuli_chr07	5854578	[T/G]	1067301554
Ca_Kabuli_NC_021166.1_5854598	Ca_kabuli_chr07	5854598	[T/C]	1067301555
Ca_Kabuli_NC_021166.1_5916920	Ca_kabuli_chr07	5916920	[A/C]	1067301556
Ca_Kabuli_NC_021166.1_5916936	Ca_kabuli_chr07	5916936	[A/G]	1067301557
Ca_Kabuli_NC_021166.1_5916941	Ca_kabuli_chr07	5916941	[T/A]	1067301558
Ca_Kabuli_NC_021166.1_5925751	Ca_kabuli_chr07	5925751	[C/T]	1067301559
Ca_Kabuli_NC_021166.1_5933629	Ca_kabuli_chr07	5933629	[C/T]	1067301560
Ca_Kabuli_NC_021166.1_5946536	Ca_kabuli_chr07	5946536	[C/G]	1067301561
Ca_Kabuli_NC_021166.1_5950260	Ca_kabuli_chr07	5950260	[T/C]	1067301562
Ca_Kabuli_NC_021166.1_5950275	Ca_kabuli_chr07	5950275	[A/T]	1067301563
Ca_Kabuli_NC_021166.1_5950352	Ca_kabuli_chr07	5950352	[A/T]	1067301564
Ca_Kabuli_NC_021166.1_5951374	Ca_kabuli_chr07	5951374	[A/G]	1067301565
Ca_Kabuli_NC_021166.1_5957696	Ca_kabuli_chr07	5957696	[C/T]	1067301566
Ca_Kabuli_NC_021166.1_5957736	Ca_kabuli_chr07	5957736	[A/T]	1067301567
Ca_Kabuli_NC_021166.1_5963576	Ca_kabuli_chr07	5963576	[A/G]	1067301568
Ca_Kabuli_NC_021166.1_5963581	Ca_kabuli_chr07	5963581	[T/G]	1067301569
Ca_Kabuli_NC_021166.1_5963588	Ca_kabuli_chr07	5963588	[T/G]	1067301570
Ca_Kabuli_NC_021166.1_5963603	Ca_kabuli_chr07	5963603	[T/G]	1067301571
Ca_Kabuli_NC_021166.1_6012477	Ca_kabuli_chr07	6012477	[A/C]	1067301572
Ca_Kabuli_NC_021166.1_6012561	Ca_kabuli_chr07	6012561	[A/C]	1067301573
Ca_Kabuli_NC_021166.1_6029883	Ca_kabuli_chr07	6029883	[A/T]	1067301574
Ca_Kabuli_NC_021166.1_6029965	Ca_kabuli_chr07	6029965	[A/G]	1067301575
Ca_Kabuli_NC_021166.1_6029968	Ca_kabuli_chr07	6029968	[A/G]	1067301576
Ca_Kabuli_NC_021166.1_6029985	Ca_kabuli_chr07	6029985	[T/G]	1067301577
Ca_Kabuli_NC_021166.1_6040435	Ca_kabuli_chr07	6040435	[A/G]	1067301578
Ca_Kabuli_NC_021166.1_6066322	Ca_kabuli_chr07	6066322	[A/G]	1067301579
Ca_Kabuli_NC_021166.1_6069979	Ca_kabuli_chr07	6069979	[C/T]	1067301580
Ca_Kabuli_NC_021166.1_6070645	Ca_kabuli_chr07	6070645	[G/A]	1067301581
Ca_Kabuli_NC_021166.1_6096227	Ca_kabuli_chr07	6096227	[A/C]	1067301582
Ca_Kabuli_NC_021166.1_6096238	Ca_kabuli_chr07	6096238	[A/C]	1067301583
Ca_Kabuli_NC_021166.1_6108535	Ca_kabuli_chr07	6108535	[T/G]	1067301584

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_6109635	Ca_kabuli_chr07	6109635	[T/C]	1067301587
Ca_Kabuli_NC_021166.1_6109652	Ca_kabuli_chr07	6109652	[A/G]	1067301588
Ca_Kabuli_NC_021166.1_6110019	Ca_kabuli_chr07	6110019	[C/T]	1067301589
Ca_Kabuli_NC_021166.1_6110033	Ca_kabuli_chr07	6110033	[C/A]	1067301590
Ca_Kabuli_NC_021166.1_6110067	Ca_kabuli_chr07	6110067	[A/T]	1067301591
Ca_Kabuli_NC_021166.1_6111778	Ca_kabuli_chr07	6111778	[C/T]	1067301592
Ca_Kabuli_NC_021166.1_6136615	Ca_kabuli_chr07	6136615	[C/T]	1067301593
Ca_Kabuli_NC_021166.1_6195286	Ca_kabuli_chr07	6195286	[T/G]	1067301594
Ca_Kabuli_NC_021166.1_6213546	Ca_kabuli_chr07	6213546	[C/A]	1067301595
Ca_Kabuli_NC_021166.1_6213547	Ca_kabuli_chr07	6213547	[T/G]	1067301596
Ca_Kabuli_NC_021166.1_6325498	Ca_kabuli_chr07	6325498	[G/A]	1067301597
Ca_Kabuli_NC_021166.1_6372045	Ca_kabuli_chr07	6372045	[A/G]	1067301598
Ca_Kabuli_NC_021166.1_6372048	Ca_kabuli_chr07	6372048	[A/G]	1067301599
Ca_Kabuli_NC_021166.1_6372050	Ca_kabuli_chr07	6372050	[T/G]	1067301600
Ca_Kabuli_NC_021166.1_6393368	Ca_kabuli_chr07	6393368	[T/G]	1067301601
Ca_Kabuli_NC_021166.1_6410077	Ca_kabuli_chr07	6410077	[T/C]	1067301602
Ca_Kabuli_NC_021166.1_6492495	Ca_kabuli_chr07	6492495	[T/G]	1067301603
Ca_Kabuli_NC_021166.1_6539116	Ca_kabuli_chr07	6539116	[G/C]	1067301604
Ca_Kabuli_NC_021166.1_6539146	Ca_kabuli_chr07	6539146	[A/C]	1067301605
Ca_Kabuli_NC_021166.1_6540624	Ca_kabuli_chr07	6540624	[G/A]	1067301606
Ca_Kabuli_NC_021166.1_6559538	Ca_kabuli_chr07	6559538	[T/G]	1067301607
Ca_Kabuli_NC_021166.1_6559540	Ca_kabuli_chr07	6559540	[T/C]	1067301608
Ca_Kabuli_NC_021166.1_6559542	Ca_kabuli_chr07	6559542	[A/G]	1067301609
Ca_Kabuli_NC_021166.1_6559580	Ca_kabuli_chr07	6559580	[A/G]	1067301610
Ca_Kabuli_NC_021166.1_6559583	Ca_kabuli_chr07	6559583	[T/A]	1067301611
Ca_Kabuli_NC_021166.1_6559587	Ca_kabuli_chr07	6559587	[T/C]	1067301612
Ca_Kabuli_NC_021166.1_6559600	Ca_kabuli_chr07	6559600	[A/T]	1067301613
Ca_Kabuli_NC_021166.1_6559604	Ca_kabuli_chr07	6559604	[A/G]	1067301614
Ca_Kabuli_NC_021166.1_6565518	Ca_kabuli_chr07	6565518	[T/C]	1067301615
Ca_Kabuli_NC_021166.1_6566303	Ca_kabuli_chr07	6566303	[T/A]	1067301616
Ca_Kabuli_NC_021166.1_6581696	Ca_kabuli_chr07	6581696	[T/A]	1067301617
Ca_Kabuli_NC_021166.1_6581698	Ca_kabuli_chr07	6581698	[G/T]	1067301618

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_6654620	Ca_kabuli_chr07	6654620	[A/T]	1067301620
Ca_Kabuli_NC_021166.1_6654630	Ca_kabuli_chr07	6654630	[T/C]	1067301621
Ca_Kabuli_NC_021166.1_6654646	Ca_kabuli_chr07	6654646	[A/C]	1067301622
Ca_Kabuli_NC_021166.1_6681019	Ca_kabuli_chr07	6681019	[A/C]	1067301623
Ca_Kabuli_NC_021166.1_6681023	Ca_kabuli_chr07	6681023	[A/G]	1067301624
Ca_Kabuli_NC_021166.1_6703849	Ca_kabuli_chr07	6703849	[G/T]	1067301625
Ca_Kabuli_NC_021166.1_6721629	Ca_kabuli_chr07	6721629	[A/G]	1067301626
Ca_Kabuli_NC_021166.1_6721679	Ca_kabuli_chr07	6721679	[A/G]	1067301627
Ca_Kabuli_NC_021166.1_6721684	Ca_kabuli_chr07	6721684	[A/G]	1067301628
Ca_Kabuli_NC_021166.1_6721732	Ca_kabuli_chr07	6721732	[A/G]	1067301629
Ca_Kabuli_NC_021166.1_6721769	Ca_kabuli_chr07	6721769	[T/G]	1067301630
Ca_Kabuli_NC_021166.1_6726521	Ca_kabuli_chr07	6726521	[A/G]	1067301631
Ca_Kabuli_NC_021166.1_6742476	Ca_kabuli_chr07	6742476	[A/C]	1067301632
Ca_Kabuli_NC_021166.1_6769706	Ca_kabuli_chr07	6769706	[T/G]	1067301633
Ca_Kabuli_NC_021166.1_6769723	Ca_kabuli_chr07	6769723	[A/G]	1067301634
Ca_Kabuli_NC_021166.1_6780547	Ca_kabuli_chr07	6780547	[C/A]	1067301635
Ca_Kabuli_NC_021166.1_6780773	Ca_kabuli_chr07	6780773	[T/C]	1067301636
Ca_Kabuli_NC_021166.1_6788869	Ca_kabuli_chr07	6788869	[C/A]	1067301637
Ca_Kabuli_NC_021166.1_6792321	Ca_kabuli_chr07	6792321	[A/C]	1067301638
Ca_Kabuli_NC_021166.1_6792563	Ca_kabuli_chr07	6792563	[G/C]	1067301639
Ca_Kabuli_NC_021166.1_6792566	Ca_kabuli_chr07	6792566	[A/C]	1067301640
Ca_Kabuli_NC_021166.1_6792568	Ca_kabuli_chr07	6792568	[T/G]	1067301641
Ca_Kabuli_NC_021166.1_6807839	Ca_kabuli_chr07	6807839	[T/G]	1067301642
Ca_Kabuli_NC_021166.1_6807907	Ca_kabuli_chr07	6807907	[A/T]	1067301643
Ca_Kabuli_NC_021166.1_6826211	Ca_kabuli_chr07	6826211	[A/G]	1067301644
Ca_Kabuli_NC_021166.1_6826869	Ca_kabuli_chr07	6826869	[C/T]	1067301645
Ca_Kabuli_NC_021166.1_6826870	Ca_kabuli_chr07	6826870	[T/G]	1067301646
Ca_Kabuli_NC_021166.1_6865060	Ca_kabuli_chr07	6865060	[T/A]	1067301647
Ca_Kabuli_NC_021166.1_6865061	Ca_kabuli_chr07	6865061	[C/T]	1067301648
Ca_Kabuli_NC_021166.1_6865062	Ca_kabuli_chr07	6865062	[A/C]	1067301649
Ca_Kabuli_NC_021166.1_6865063	Ca_kabuli_chr07	6865063	[G/T]	1067301650
Ca_Kabuli_NC_021166.1_6923632	Ca_kabuli_chr07	6923632	[T/C]	1067301651
Ca_Kabuli_NC_021166.1_6923652	Ca_kabuli_chr07	6923652	[T/G]	1067301652

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_6970704	Ca_kabuli_chr07	6970704	[A/C]	1067301654
Ca_Kabuli_NC_021166.1_6979661	Ca_kabuli_chr07	6979661	[A/C]	1067301655
Ca_Kabuli_NC_021166.1_7008352	Ca_kabuli_chr07	7008352	[A/G]	1067301656
Ca_Kabuli_NC_021166.1_7043352	Ca_kabuli_chr07	7043352	[A/G]	1067301657
Ca_Kabuli_NC_021166.1_7043832	Ca_kabuli_chr07	7043832	[A/G]	1067301658
Ca_Kabuli_NC_021166.1_7059582	Ca_kabuli_chr07	7059582	[T/G]	1067301659
Ca_Kabuli_NC_021166.1_7089263	Ca_kabuli_chr07	7089263	[T/A]	1067301660
Ca_Kabuli_NC_021166.1_7089333	Ca_kabuli_chr07	7089333	[A/G]	1067301661
Ca_Kabuli_NC_021166.1_7089359	Ca_kabuli_chr07	7089359	[A/C]	1067301662
Ca_Kabuli_NC_021166.1_7127510	Ca_kabuli_chr07	7127510	[A/C]	1067301663
Ca_Kabuli_NC_021166.1_7127511	Ca_kabuli_chr07	7127511	[G/T]	1067301664
Ca_Kabuli_NC_021166.1_7139175	Ca_kabuli_chr07	7139175	[A/C]	1067301665
Ca_Kabuli_NC_021166.1_7139176	Ca_kabuli_chr07	7139176	[G/C]	1067301666
Ca_Kabuli_NC_021166.1_7139178	Ca_kabuli_chr07	7139178	[T/A]	1067301667
Ca_Kabuli_NC_021166.1_7146159	Ca_kabuli_chr07	7146159	[G/C]	1067301668
Ca_Kabuli_NC_021166.1_7234446	Ca_kabuli_chr07	7234446	[T/C]	1067301669
Ca_Kabuli_NC_021166.1_7234489	Ca_kabuli_chr07	7234489	[A/G]	1067301670
Ca_Kabuli_NC_021166.1_7261768	Ca_kabuli_chr07	7261768	[T/G]	1067301671
Ca_Kabuli_NC_021166.1_7279735	Ca_kabuli_chr07	7279735	[C/A]	1067301672
Ca_Kabuli_NC_021166.1_7279877	Ca_kabuli_chr07	7279877	[A/C]	1067301673
Ca_Kabuli_NC_021166.1_7304617	Ca_kabuli_chr07	7304617	[T/G]	1067301674
Ca_Kabuli_NC_021166.1_7304695	Ca_kabuli_chr07	7304695	[A/C]	1067301675
Ca_Kabuli_NC_021166.1_7327933	Ca_kabuli_chr07	7327933	[C/A]	1067301676
Ca_Kabuli_NC_021166.1_7327934	Ca_kabuli_chr07	7327934	[T/G]	1067301677
Ca_Kabuli_NC_021166.1_7391559	Ca_kabuli_chr07	7391559	[T/C]	1067301678
Ca_Kabuli_NC_021166.1_7391563	Ca_kabuli_chr07	7391563	[A/G]	1067301679
Ca_Kabuli_NC_021166.1_7391570	Ca_kabuli_chr07	7391570	[A/G]	1067301680
Ca_Kabuli_NC_021166.1_7423307	Ca_kabuli_chr07	7423307	[A/C]	1067301681
Ca_Kabuli_NC_021166.1_7423364	Ca_kabuli_chr07	7423364	[T/C]	1067301682
Ca_Kabuli_NC_021166.1_7423378	Ca_kabuli_chr07	7423378	[A/G]	1067301683
Ca_Kabuli_NC_021166.1_7423407	Ca_kabuli_chr07	7423407	[A/G]	1067301684
Ca_Kabuli_NC_021166.1_7429966	Ca_kabuli_chr07	7429966	[A/G]	1067301685
Ca_Kabuli_NC_021166.1_7433486	Ca_kabuli_chr07	7433486	[T/C]	1067301686

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_7433527	Ca_kabuli_chr07	7433527	[A/G]	1067301689
Ca_Kabuli_NC_021166.1_7433548	Ca_kabuli_chr07	7433548	[T/A]	1067301690
Ca_Kabuli_NC_021166.1_7433662	Ca_kabuli_chr07	7433662	[A/G]	1067301691
Ca_Kabuli_NC_021166.1_7433666	Ca_kabuli_chr07	7433666	[G/A]	1067301692
Ca_Kabuli_NC_021166.1_7433827	Ca_kabuli_chr07	7433827	[A/C]	1067301693
Ca_Kabuli_NC_021166.1_7435418	Ca_kabuli_chr07	7435418	[C/T]	1067301694
Ca_Kabuli_NC_021166.1_7435420	Ca_kabuli_chr07	7435420	[A/G]	1067301695
Ca_Kabuli_NC_021166.1_7435434	Ca_kabuli_chr07	7435434	[T/A]	1067301696
Ca_Kabuli_NC_021166.1_7435456	Ca_kabuli_chr07	7435456	[T/C]	1067301697
Ca_Kabuli_NC_021166.1_7435462	Ca_kabuli_chr07	7435462	[T/C]	1067301698
Ca_Kabuli_NC_021166.1_7441872	Ca_kabuli_chr07	7441872	[A/T]	1067301699
Ca_Kabuli_NC_021166.1_7462028	Ca_kabuli_chr07	7462028	[A/T]	1067301700
Ca_Kabuli_NC_021166.1_7462499	Ca_kabuli_chr07	7462499	[A/C]	1067301701
Ca_Kabuli_NC_021166.1_7528873	Ca_kabuli_chr07	7528873	[T/C]	1067301702
Ca_Kabuli_NC_021166.1_7528916	Ca_kabuli_chr07	7528916	[A/C]	1067301703
Ca_Kabuli_NC_021166.1_7579579	Ca_kabuli_chr07	7579579	[A/C]	1067301704
Ca_Kabuli_NC_021166.1_7580147	Ca_kabuli_chr07	7580147	[C/T]	1067301705
Ca_Kabuli_NC_021166.1_7580165	Ca_kabuli_chr07	7580165	[A/G]	1067301706
Ca_Kabuli_NC_021166.1_7580175	Ca_kabuli_chr07	7580175	[T/C]	1067301707
Ca_Kabuli_NC_021166.1_7585001	Ca_kabuli_chr07	7585001	[G/T]	1067301708
Ca_Kabuli_NC_021166.1_7586244	Ca_kabuli_chr07	7586244	[A/C]	1067301709
Ca_Kabuli_NC_021166.1_7586245	Ca_kabuli_chr07	7586245	[C/T]	1067301710
Ca_Kabuli_NC_021166.1_7586408	Ca_kabuli_chr07	7586408	[T/C]	1067301711
Ca_Kabuli_NC_021166.1_7586487	Ca_kabuli_chr07	7586487	[A/C]	1067301712
Ca_Kabuli_NC_021166.1_7591606	Ca_kabuli_chr07	7591606	[A/T]	1067301713
Ca_Kabuli_NC_021166.1_7591628	Ca_kabuli_chr07	7591628	[A/G]	1067301714
Ca_Kabuli_NC_021166.1_7602554	Ca_kabuli_chr07	7602554	[T/C]	1067301715
Ca_Kabuli_NC_021166.1_7602564	Ca_kabuli_chr07	7602564	[T/A]	1067301716
Ca_Kabuli_NC_021166.1_7625185	Ca_kabuli_chr07	7625185	[T/C]	1067301717
Ca_Kabuli_NC_021166.1_7625252	Ca_kabuli_chr07	7625252	[A/G]	1067301718
Ca_Kabuli_NC_021166.1_7625255	Ca_kabuli_chr07	7625255	[A/C]	1067301719
Ca_Kabuli_NC_021166.1_7625258	Ca_kabuli_chr07	7625258	[A/G]	1067301720

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021166.1_7647175	Ca_kabuli_chr07	7647175	[A/G]	1067301721
Ca_Kabuli_NC_021166.1_7665938	Ca_kabuli_chr07	7665938	[T/C]	1067301722
Ca_Kabuli_NC_021166.1_7697092	Ca_kabuli_chr07	7697092	[A/C]	1067301723
Ca_Kabuli_NC_021166.1_7737688	Ca_kabuli_chr07	7737688	[C/A]	1067301724
Ca_Kabuli_NC_021166.1_7737689	Ca_kabuli_chr07	7737689	[T/G]	1067301725
Ca_Kabuli_NC_021166.1_7737899	Ca_kabuli_chr07	7737899	[C/T]	1067301726
Ca_Kabuli_NC_021166.1_7756487	Ca_kabuli_chr07	7756487	[G/A]	1067301727
Ca_Kabuli_NC_021166.1_7756513	Ca_kabuli_chr07	7756513	[A/G]	1067301728
Ca_Kabuli_NC_021166.1_7756517	Ca_kabuli_chr07	7756517	[A/G]	1067301729
Ca_Kabuli_NC_021166.1_7756553	Ca_kabuli_chr07	7756553	[T/C]	1067301730
Ca_Kabuli_NC_021166.1_7792711	Ca_kabuli_chr07	7792711	[A/G]	1067301731
Ca_Kabuli_NC_021166.1_7792722	Ca_kabuli_chr07	7792722	[A/C]	1067301732
Ca_Kabuli_NC_021166.1_7792748	Ca_kabuli_chr07	7792748	[T/G]	1067301733
Ca_Kabuli_NC_021166.1_7809179	Ca_kabuli_chr07	7809179	[T/G]	1067301734
Ca_Kabuli_NC_021166.1_7982985	Ca_kabuli_chr07	7982985	[T/C]	1067301735
Ca_Kabuli_NC_021166.1_7983630	Ca_kabuli_chr07	7983630	[C/A]	1067301736
Ca_Kabuli_NC_021166.1_7983631	Ca_kabuli_chr07	7983631	[T/G]	1067301737
Ca_Kabuli_NC_021166.1_7983632	Ca_kabuli_chr07	7983632	[T/A]	1067301738
Ca_Kabuli_NC_021166.1_7983786	Ca_kabuli_chr07	7983786	[T/C]	1067301739
Ca_Kabuli_NC_021166.1_7983793	Ca_kabuli_chr07	7983793	[T/C]	1067301740
Ca_Kabuli_NC_021166.1_7983794	Ca_kabuli_chr07	7983794	[G/T]	1067301741
Ca_Kabuli_NC_021166.1_8007992	Ca_kabuli_chr07	8007992	[G/T]	1067301742
Ca_Kabuli_NC_021166.1_8008582	Ca_kabuli_chr07	8008582	[T/A]	1067301743
Ca_Kabuli_NC_021166.1_8008612	Ca_kabuli_chr07	8008612	[T/G]	1067301744
Ca_Kabuli_NC_021166.1_8041480	Ca_kabuli_chr07	8041480	[T/G]	1067301745
Ca_Kabuli_NC_021166.1_8111699	Ca_kabuli_chr07	8111699	[T/G]	1067301746
Ca_Kabuli_NC_021166.1_8111705	Ca_kabuli_chr07	8111705	[T/G]	1067301747
Ca_Kabuli_NC_021166.1_8126245	Ca_kabuli_chr07	8126245	[T/G]	1067301748
Ca_Kabuli_NC_021166.1_8144402	Ca_kabuli_chr07	8144402	[A/G]	1067301749
Ca_Kabuli_NC_021166.1_8179346	Ca_kabuli_chr07	8179346	[T/A]	1067301750
Ca_Kabuli_NC_021166.1_8209773	Ca_kabuli_chr07	8209773	[T/A]	1067301751
Ca_Kabuli_NC_021166.1_8249753	Ca_kabuli_chr07	8249753	[T/A]	1067301752
Ca_Kabuli_NC_021166.1_8287879	Ca_kabuli_chr07	8287879	[T/C]	1067301753
Ca_Kabuli_NC_021166.1_8312550	Ca_kabuli_chr07	8312550	[A/C]	1067301754

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_8312552	Ca_kabuli_chr07	8312552	[A/C]	1067301756
Ca_Kabuli_NC_021166.1_8415797	Ca_kabuli_chr07	8415797	[T/C]	1067301757
Ca_Kabuli_NC_021166.1_8415821	Ca_kabuli_chr07	8415821	[A/G]	1067301758
Ca_Kabuli_NC_021166.1_8415830	Ca_kabuli_chr07	8415830	[T/G]	1067301759
Ca_Kabuli_NC_021166.1_8415911	Ca_kabuli_chr07	8415911	[T/C]	1067301760
Ca_Kabuli_NC_021166.1_8448598	Ca_kabuli_chr07	8448598	[A/C]	1067301761
Ca_Kabuli_NC_021166.1_8448607	Ca_kabuli_chr07	8448607	[A/C]	1067301762
Ca_Kabuli_NC_021166.1_8448609	Ca_kabuli_chr07	8448609	[T/C]	1067301763
Ca_Kabuli_NC_021166.1_8514954	Ca_kabuli_chr07	8514954	[A/C]	1067301764
Ca_Kabuli_NC_021166.1_8514973	Ca_kabuli_chr07	8514973	[A/G]	1067301765
Ca_Kabuli_NC_021166.1_8626887	Ca_kabuli_chr07	8626887	[A/G]	1067301766
Ca_Kabuli_NC_021166.1_8742898	Ca_kabuli_chr07	8742898	[C/A]	1067301767
Ca_Kabuli_NC_021166.1_8742899	Ca_kabuli_chr07	8742899	[T/G]	1067301768
Ca_Kabuli_NC_021166.1_8770624	Ca_kabuli_chr07	8770624	[T/G]	1067301769
Ca_Kabuli_NC_021166.1_8770649	Ca_kabuli_chr07	8770649	[T/G]	1067301770
Ca_Kabuli_NC_021166.1_8786830	Ca_kabuli_chr07	8786830	[T/G]	1067301771
Ca_Kabuli_NC_021166.1_8795201	Ca_kabuli_chr07	8795201	[A/C]	1067301772
Ca_Kabuli_NC_021166.1_8795202	Ca_kabuli_chr07	8795202	[G/T]	1067301773
Ca_Kabuli_NC_021166.1_8795203	Ca_kabuli_chr07	8795203	[A/T]	1067301774
Ca_Kabuli_NC_021166.1_8795204	Ca_kabuli_chr07	8795204	[T/G]	1067301775
Ca_Kabuli_NC_021166.1_8802374	Ca_kabuli_chr07	8802374	[A/C]	1067301776
Ca_Kabuli_NC_021166.1_8802395	Ca_kabuli_chr07	8802395	[T/C]	1067301777
Ca_Kabuli_NC_021166.1_8802419	Ca_kabuli_chr07	8802419	[A/C]	1067301778
Ca_Kabuli_NC_021166.1_8815968	Ca_kabuli_chr07	8815968	[A/T]	1067301779
Ca_Kabuli_NC_021166.1_8829226	Ca_kabuli_chr07	8829226	[A/G]	1067301780
Ca_Kabuli_NC_021166.1_8829228	Ca_kabuli_chr07	8829228	[A/G]	1067301781
Ca_Kabuli_NC_021166.1_8829241	Ca_kabuli_chr07	8829241	[A/G]	1067301782
Ca_Kabuli_NC_021166.1_8830831	Ca_kabuli_chr07	8830831	[C/A]	1067301783
Ca_Kabuli_NC_021166.1_8831068	Ca_kabuli_chr07	8831068	[A/C]	1067301784
Ca_Kabuli_NC_021166.1_8835757	Ca_kabuli_chr07	8835757	[C/T]	1067301785
Ca_Kabuli_NC_021166.1_8848919	Ca_kabuli_chr07	8848919	[C/A]	1067301786
Ca_Kabuli_NC_021166.1_8848940	Ca_kabuli_chr07	8848940	[A/C]	1067301787
Ca_Kabuli_NC_021166.1_8894281	Ca_kabuli_chr07	8894281	[T/G]	1067301788

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021166.1_8895101	Ca_kabuli_chr07	8895101	[A/G]	1067301789
Ca_Kabuli_NC_021166.1_8895504	Ca_kabuli_chr07	8895504	[T/C]	1067301790
Ca_Kabuli_NC_021166.1_8908908	Ca_kabuli_chr07	8908908	[A/G]	1067301791
Ca_Kabuli_NC_021166.1_8908962	Ca_kabuli_chr07	8908962	[T/G]	1067301792
Ca_Kabuli_NC_021166.1_8909006	Ca_kabuli_chr07	8909006	[A/C]	1067301793
Ca_Kabuli_NC_021166.1_8909018	Ca_kabuli_chr07	8909018	[A/G]	1067301794
Ca_Kabuli_NC_021166.1_8937279	Ca_kabuli_chr07	8937279	[T/A]	1067301795
Ca_Kabuli_NC_021166.1_8937338	Ca_kabuli_chr07	8937338	[G/A]	1067301796
Ca_Kabuli_NC_021166.1_8937339	Ca_kabuli_chr07	8937339	[G/T]	1067301797
Ca_Kabuli_NC_021166.1_8937340	Ca_kabuli_chr07	8937340	[T/C]	1067301798
Ca_Kabuli_NC_021166.1_8937341	Ca_kabuli_chr07	8937341	[G/T]	1067301799
Ca_Kabuli_NC_021166.1_8937376	Ca_kabuli_chr07	8937376	[A/C]	1067301800
Ca_Kabuli_NC_021166.1_9099718	Ca_kabuli_chr07	9099718	[T/C]	1067301801
Ca_Kabuli_NC_021166.1_9230842	Ca_kabuli_chr07	9230842	[T/G]	1067301802
Ca_Kabuli_NC_021166.1_9281257	Ca_kabuli_chr07	9281257	[G/T]	1067301803
Ca_Kabuli_NC_021166.1_9301828	Ca_kabuli_chr07	9301828	[T/G]	1067301804
Ca_Kabuli_NC_021166.1_9348417	Ca_kabuli_chr07	9348417	[A/T]	1067301805
Ca_Kabuli_NC_021166.1_9416921	Ca_kabuli_chr07	9416921	[A/G]	1067301806
Ca_Kabuli_NC_021166.1_9497129	Ca_kabuli_chr07	9497129	[T/G]	1067301807
Ca_Kabuli_NC_021166.1_9535837	Ca_kabuli_chr07	9535837	[T/C]	1067301808
Ca_Kabuli_NC_021166.1_9535839	Ca_kabuli_chr07	9535839	[T/C]	1067301809
Ca_Kabuli_NC_021166.1_9535841	Ca_kabuli_chr07	9535841	[A/G]	1067301810
Ca_Kabuli_NC_021166.1_9535854	Ca_kabuli_chr07	9535854	[T/C]	1067301811
Ca_Kabuli_NC_021166.1_9535903	Ca_kabuli_chr07	9535903	[A/C]	1067301812
Ca_Kabuli_NC_021166.1_9535946	Ca_kabuli_chr07	9535946	[T/G]	1067301813
Ca_Kabuli_NC_021166.1_9549867	Ca_kabuli_chr07	9549867	[T/G]	1067301814
Ca_Kabuli_NC_021166.1_9550255	Ca_kabuli_chr07	9550255	[A/G]	1067301815
Ca_Kabuli_NC_021166.1_9555286	Ca_kabuli_chr07	9555286	[T/G]	1067301816
Ca_Kabuli_NC_021166.1_9555334	Ca_kabuli_chr07	9555334	[A/T]	1067301817
Ca_Kabuli_NC_021166.1_9593632	Ca_kabuli_chr07	9593632	[A/C]	1067301818
Ca_Kabuli_NC_021166.1_9593662	Ca_kabuli_chr07	9593662	[T/C]	1067301819
Ca_Kabuli_NC_021166.1_9593670	Ca_kabuli_chr07	9593670	[T/A]	1067301820
Ca_Kabuli_NC_021166.1_9762903	Ca_kabuli_chr07	9762903	[A/C]	1067301821
Ca_Kabuli_NC_021166.1_9762943	Ca_kabuli_chr07	9762943	[T/C]	1067301822



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021166.1_9888225	Ca_kabuli_chr07	9888225	[T/A]	1067301823
Ca_Kabuli_NC_021166.1_9888238	Ca_kabuli_chr07	9888238	[C/G]	1067301824
Ca_Kabuli_NC_021166.1_9888271	Ca_kabuli_chr07	9888271	[T/C]	1067301825
Ca_Kabuli_NC_021166.1_9888279	Ca_kabuli_chr07	9888279	[T/C]	1067301826
Ca_Kabuli_NC_021166.1_9909949	Ca_kabuli_chr07	9909949	[C/A]	1067301827
Ca_Kabuli_NC_021166.1_9909951	Ca_kabuli_chr07	9909951	[G/A]	1067301828
Ca_Kabuli_NC_021166.1_9909952	Ca_kabuli_chr07	9909952	[G/T]	1067301829
Ca_Kabuli_NC_021166.1_9936686	Ca_kabuli_chr07	9936686	[G/T]	1067301830
Ca_Kabuli_NC_021166.1_9939036	Ca_kabuli_chr07	9939036	[A/C]	1067301831
Ca_Kabuli_NC_021166.1_10000171	Ca_kabuli_chr07	10000171	[A/C]	1067301832
Ca_Kabuli_NC_021166.1_10001046	Ca_kabuli_chr07	10001046	[A/C]	1067301833
Ca_Kabuli_NC_021166.1_10001047	Ca_kabuli_chr07	10001047	[G/T]	1067301834
Ca_Kabuli_NC_021166.1_10049906	Ca_kabuli_chr07	10049906	[T/G]	1067301835
Ca_Kabuli_NC_021166.1_10137794	Ca_kabuli_chr07	10137794	[T/G]	1067301836
Ca_Kabuli_NC_021166.1_10137810	Ca_kabuli_chr07	10137810	[T/G]	1067301837
Ca_Kabuli_NC_021166.1_10137826	Ca_kabuli_chr07	10137826	[C/A]	1067301838
Ca_Kabuli_NC_021166.1_10180649	Ca_kabuli_chr07	10180649	[A/G]	1067301839
Ca_Kabuli_NC_021166.1_10208210	Ca_kabuli_chr07	10208210	[T/C]	1067301840
Ca_Kabuli_NC_021166.1_10208218	Ca_kabuli_chr07	10208218	[T/C]	1067301841
Ca_Kabuli_NC_021166.1_10216898	Ca_kabuli_chr07	10216898	[A/C]	1067301842
Ca_Kabuli_NC_021166.1_10223027	Ca_kabuli_chr07	10223027	[T/G]	1067301843
Ca_Kabuli_NC_021166.1_10223034	Ca_kabuli_chr07	10223034	[T/G]	1067301844
Ca_Kabuli_NC_021166.1_10223040	Ca_kabuli_chr07	10223040	[A/T]	1067301845
Ca_Kabuli_NC_021166.1_10223047	Ca_kabuli_chr07	10223047	[A/C]	1067301846
Ca_Kabuli_NC_021166.1_10231988	Ca_kabuli_chr07	10231988	[T/G]	1067301847
Ca_Kabuli_NC_021166.1_10232074	Ca_kabuli_chr07	10232074	[A/G]	1067301848
Ca_Kabuli_NC_021166.1_10251052	Ca_kabuli_chr07	10251052	[T/G]	1067301849
Ca_Kabuli_NC_021166.1_10328467	Ca_kabuli_chr07	10328467	[T/G]	1067301850
Ca_Kabuli_NC_021166.1_10328470	Ca_kabuli_chr07	10328470	[T/G]	1067301851
Ca_Kabuli_NC_021166.1_10328516	Ca_kabuli_chr07	10328516	[T/C]	1067301852
Ca_Kabuli_NC_021166.1_10328520	Ca_kabuli_chr07	10328520	[A/C]	1067301853
Ca_Kabuli_NC_021166.1_10328525	Ca_kabuli_chr07	10328525	[A/G]	1067301854
Ca_Kabuli_NC_021166.1_10333895	Ca_kabuli_chr07	10333895	[T/G]	1067301855
Ca_Kabuli_NC_021166.1_10429474	Ca_kabuli_chr07	10429474	[T/G]	1067301856

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_10473639	Ca_kabuli_chr07	10473639	[T/C]	1067301858
Ca_Kabuli_NC_021166.1_10483907	Ca_kabuli_chr07	10483907	[T/C]	1067301859
Ca_Kabuli_NC_021166.1_10485397	Ca_kabuli_chr07	10485397	[C/G]	1067301860
Ca_Kabuli_NC_021166.1_10521343	Ca_kabuli_chr07	10521343	[T/C]	1067301861
Ca_Kabuli_NC_021166.1_10521358	Ca_kabuli_chr07	10521358	[T/C]	1067301862
Ca_Kabuli_NC_021166.1_10521387	Ca_kabuli_chr07	10521387	[A/T]	1067301863
Ca_Kabuli_NC_021166.1_10521395	Ca_kabuli_chr07	10521395	[T/A]	1067301864
Ca_Kabuli_NC_021166.1_10521397	Ca_kabuli_chr07	10521397	[A/G]	1067301865
Ca_Kabuli_NC_021166.1_10521401	Ca_kabuli_chr07	10521401	[T/G]	1067301866
Ca_Kabuli_NC_021166.1_10521419	Ca_kabuli_chr07	10521419	[A/G]	1067301867
Ca_Kabuli_NC_021166.1_10521425	Ca_kabuli_chr07	10521425	[G/A]	1067301868
Ca_Kabuli_NC_021166.1_10521431	Ca_kabuli_chr07	10521431	[G/C]	1067301869
Ca_Kabuli_NC_021166.1_10521438	Ca_kabuli_chr07	10521438	[T/C]	1067301870
Ca_Kabuli_NC_021166.1_10521447	Ca_kabuli_chr07	10521447	[A/G]	1067301871
Ca_Kabuli_NC_021166.1_10521448	Ca_kabuli_chr07	10521448	[G/A]	1067301872
Ca_Kabuli_NC_021166.1_10568128	Ca_kabuli_chr07	10568128	[G/A]	1067301873
Ca_Kabuli_NC_021166.1_10568241	Ca_kabuli_chr07	10568241	[G/C]	1067301874
Ca_Kabuli_NC_021166.1_10614161	Ca_kabuli_chr07	10614161	[T/C]	1067301875
Ca_Kabuli_NC_021166.1_10614177	Ca_kabuli_chr07	10614177	[T/G]	1067301876
Ca_Kabuli_NC_021166.1_10641854	Ca_kabuli_chr07	10641854	[T/C]	1067301877
Ca_Kabuli_NC_021166.1_10649594	Ca_kabuli_chr07	10649594	[T/G]	1067301878
Ca_Kabuli_NC_021166.1_10649622	Ca_kabuli_chr07	10649622	[C/A]	1067301879
Ca_Kabuli_NC_021166.1_10649623	Ca_kabuli_chr07	10649623	[G/C]	1067301880
Ca_Kabuli_NC_021166.1_10720696	Ca_kabuli_chr07	10720696	[A/G]	1067301881
Ca_Kabuli_NC_021166.1_10795939	Ca_kabuli_chr07	10795939	[A/C]	1067301882
Ca_Kabuli_NC_021166.1_10812569	Ca_kabuli_chr07	10812569	[T/G]	1067301883
Ca_Kabuli_NC_021166.1_10816523	Ca_kabuli_chr07	10816523	[T/G]	1067301884
Ca_Kabuli_NC_021166.1_10900762	Ca_kabuli_chr07	10900762	[C/G]	1067301885
Ca_Kabuli_NC_021166.1_10900767	Ca_kabuli_chr07	10900767	[T/C]	1067301886
Ca_Kabuli_NC_021166.1_11033768	Ca_kabuli_chr07	11033768	[T/C]	1067301887
Ca_Kabuli_NC_021166.1_11033771	Ca_kabuli_chr07	11033771	[T/C]	1067301888
Ca_Kabuli_NC_021166.1_11192688	Ca_kabuli_chr07	11192688	[A/C]	1067301889
Ca_Kabuli_NC_021166.1_11192691	Ca_kabuli_chr07	11192691	[A/C]	1067301890

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021166.1_11192694	Ca_kabuli_chr07	11192694	[A/C]	1067301891
Ca_Kabuli_NC_021166.1_11192703	Ca_kabuli_chr07	11192703	[A/C]	1067301892
Ca_Kabuli_NC_021166.1_11192706	Ca_kabuli_chr07	11192706	[A/C]	1067301893
Ca_Kabuli_NC_021166.1_11383745	Ca_kabuli_chr07	11383745	[T/G]	1067301894
Ca_Kabuli_NC_021166.1_11383746	Ca_kabuli_chr07	11383746	[G/T]	1067301895
Ca_Kabuli_NC_021166.1_11383747	Ca_kabuli_chr07	11383747	[T/G]	1067301896
Ca_Kabuli_NC_021166.1_11383749	Ca_kabuli_chr07	11383749	[T/G]	1067301897
Ca_Kabuli_NC_021166.1_11383752	Ca_kabuli_chr07	11383752	[T/G]	1067301898
Ca_Kabuli_NC_021166.1_11417659	Ca_kabuli_chr07	11417659	[A/T]	1067301899
Ca_Kabuli_NC_021166.1_11468374	Ca_kabuli_chr07	11468374	[A/G]	1067301900
Ca_Kabuli_NC_021166.1_11521683	Ca_kabuli_chr07	11521683	[A/T]	1067301901
Ca_Kabuli_NC_021166.1_11521711	Ca_kabuli_chr07	11521711	[A/T]	1067301902
Ca_Kabuli_NC_021166.1_11545804	Ca_kabuli_chr07	11545804	[T/C]	1067301903
Ca_Kabuli_NC_021166.1_11545835	Ca_kabuli_chr07	11545835	[T/G]	1067301904
Ca_Kabuli_NC_021166.1_11545870	Ca_kabuli_chr07	11545870	[A/G]	1067301905
Ca_Kabuli_NC_021166.1_11545877	Ca_kabuli_chr07	11545877	[A/G]	1067301906
Ca_Kabuli_NC_021166.1_11630434	Ca_kabuli_chr07	11630434	[T/C]	1067301907
Ca_Kabuli_NC_021166.1_11630463	Ca_kabuli_chr07	11630463	[G/A]	1067301908
Ca_Kabuli_NC_021166.1_11630465	Ca_kabuli_chr07	11630465	[A/G]	1067301909
Ca_Kabuli_NC_021166.1_11638847	Ca_kabuli_chr07	11638847	[A/C]	1067301910
Ca_Kabuli_NC_021166.1_11685190	Ca_kabuli_chr07	11685190	[C/A]	1067301911
Ca_Kabuli_NC_021166.1_11685194	Ca_kabuli_chr07	11685194	[T/G]	1067301912
Ca_Kabuli_NC_021166.1_11686223	Ca_kabuli_chr07	11686223	[T/G]	1067301913
Ca_Kabuli_NC_021166.1_11725595	Ca_kabuli_chr07	11725595	[C/T]	1067301914
Ca_Kabuli_NC_021166.1_11734856	Ca_kabuli_chr07	11734856	[A/G]	1067301915
Ca_Kabuli_NC_021166.1_11734862	Ca_kabuli_chr07	11734862	[A/G]	1067301916
Ca_Kabuli_NC_021166.1_11734873	Ca_kabuli_chr07	11734873	[T/A]	1067301917
Ca_Kabuli_NC_021166.1_11734891	Ca_kabuli_chr07	11734891	[A/C]	1067301918
Ca_Kabuli_NC_021166.1_11734893	Ca_kabuli_chr07	11734893	[T/C]	1067301919
Ca_Kabuli_NC_021166.1_11734905	Ca_kabuli_chr07	11734905	[A/T]	1067301920
Ca_Kabuli_NC_021166.1_11734917	Ca_kabuli_chr07	11734917	[T/A]	1067301921
Ca_Kabuli_NC_021166.1_11736066	Ca_kabuli_chr07	11736066	[A/G]	1067301922
Ca_Kabuli_NC_021166.1_11791921	Ca_kabuli_chr07	11791921	[T/C]	1067301923
Ca_Kabuli_NC_021166.1_11812468	Ca_kabuli_chr07	11812468	[A/C]	1067301924

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021166.1_12067234	Ca_kabuli_chr07	12067234	[C/T]	1067301925
Ca_Kabuli_NC_021166.1_12071674	Ca_kabuli_chr07	12071674	[C/T]	1067301926
Ca_Kabuli_NC_021166.1_12071679	Ca_kabuli_chr07	12071679	[A/C]	1067301927
Ca_Kabuli_NC_021166.1_12073249	Ca_kabuli_chr07	12073249	[C/A]	1067301928
Ca_Kabuli_NC_021166.1_12073250	Ca_kabuli_chr07	12073250	[T/G]	1067301929
Ca_Kabuli_NC_021166.1_12073251	Ca_kabuli_chr07	12073251	[G/A]	1067301930
Ca_Kabuli_NC_021166.1_12073252	Ca_kabuli_chr07	12073252	[A/T]	1067301931
Ca_Kabuli_NC_021166.1_12124282	Ca_kabuli_chr07	12124282	[T/C]	1067301932
Ca_Kabuli_NC_021166.1_12158807	Ca_kabuli_chr07	12158807	[T/A]	1067301933
Ca_Kabuli_NC_021166.1_12161451	Ca_kabuli_chr07	12161451	[G/A]	1067301934
Ca_Kabuli_NC_021166.1_12333200	Ca_kabuli_chr07	12333200	[T/G]	1067301935
Ca_Kabuli_NC_021166.1_12366703	Ca_kabuli_chr07	12366703	[T/C]	1067301936
Ca_Kabuli_NC_021166.1_12366732	Ca_kabuli_chr07	12366732	[A/G]	1067301937
Ca_Kabuli_NC_021166.1_12384067	Ca_kabuli_chr07	12384067	[T/C]	1067301938
Ca_Kabuli_NC_021166.1_12390754	Ca_kabuli_chr07	12390754	[C/T]	1067301939
Ca_Kabuli_NC_021166.1_12390774	Ca_kabuli_chr07	12390774	[A/G]	1067301940
Ca_Kabuli_NC_021166.1_12429249	Ca_kabuli_chr07	12429249	[T/G]	1067301941
Ca_Kabuli_NC_021166.1_12474009	Ca_kabuli_chr07	12474009	[T/G]	1067301942
Ca_Kabuli_NC_021166.1_12482742	Ca_kabuli_chr07	12482742	[A/T]	1067301943
Ca_Kabuli_NC_021166.1_12483195	Ca_kabuli_chr07	12483195	[G/T]	1067301944
Ca_Kabuli_NC_021166.1_12492059	Ca_kabuli_chr07	12492059	[A/G]	1067301945
Ca_Kabuli_NC_021166.1_12492062	Ca_kabuli_chr07	12492062	[C/G]	1067301946
Ca_Kabuli_NC_021166.1_12492063	Ca_kabuli_chr07	12492063	[C/A]	1067301947
Ca_Kabuli_NC_021166.1_12492064	Ca_kabuli_chr07	12492064	[A/G]	1067301948
Ca_Kabuli_NC_021166.1_12492065	Ca_kabuli_chr07	12492065	[C/G]	1067301949
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Ca_Kabuli_NC_021166.1_12492082	Ca_kabuli_chr07	12492082	[T/C]	1067301951
Ca_Kabuli_NC_021166.1_12590541	Ca_kabuli_chr07	12590541	[T/C]	1067301952
Ca_Kabuli_NC_021166.1_12614558	Ca_kabuli_chr07	12614558	[T/G]	1067301953
Ca_Kabuli_NC_021166.1_12628067	Ca_kabuli_chr07	12628067	[T/C]	1067301954
Ca_Kabuli_NC_021166.1_12628071	Ca_kabuli_chr07	12628071	[A/C]	1067301955
Ca_Kabuli_NC_021166.1_12628072	Ca_kabuli_chr07	12628072	[G/T]	1067301956
Ca_Kabuli_NC_021166.1_12629944	Ca_kabuli_chr07	12629944	[A/C]	1067301957
Ca_Kabuli_NC_021166.1_12635956	Ca_kabuli_chr07	12635956	[A/C]	1067301958

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_12681494	Ca_kabuli_chr07	12681494	[A/T]	1067301961
Ca_Kabuli_NC_021166.1_12681506	Ca_kabuli_chr07	12681506	[A/G]	1067301962
Ca_Kabuli_NC_021166.1_12692636	Ca_kabuli_chr07	12692636	[G/T]	1067301963
Ca_Kabuli_NC_021166.1_12730576	Ca_kabuli_chr07	12730576	[T/A]	1067301964
Ca_Kabuli_NC_021166.1_12764977	Ca_kabuli_chr07	12764977	[T/C]	1067301965
Ca_Kabuli_NC_021166.1_12765048	Ca_kabuli_chr07	12765048	[A/G]	1067301966
Ca_Kabuli_NC_021166.1_12847806	Ca_kabuli_chr07	12847806	[G/A]	1067301967
Ca_Kabuli_NC_021166.1_12892797	Ca_kabuli_chr07	12892797	[T/G]	1067301968
Ca_Kabuli_NC_021166.1_13021492	Ca_kabuli_chr07	13021492	[T/G]	1067301969
Ca_Kabuli_NC_021166.1_13021528	Ca_kabuli_chr07	13021528	[A/T]	1067301970
Ca_Kabuli_NC_021166.1_13046694	Ca_kabuli_chr07	13046694	[T/C]	1067301971
Ca_Kabuli_NC_021166.1_13046697	Ca_kabuli_chr07	13046697	[T/C]	1067301972
Ca_Kabuli_NC_021166.1_13059684	Ca_kabuli_chr07	13059684	[T/G]	1067301973
Ca_Kabuli_NC_021166.1_13059757	Ca_kabuli_chr07	13059757	[T/G]	1067301974
Ca_Kabuli_NC_021166.1_13059857	Ca_kabuli_chr07	13059857	[T/G]	1067301975
Ca_Kabuli_NC_021166.1_13069803	Ca_kabuli_chr07	13069803	[T/G]	1067301976
Ca_Kabuli_NC_021166.1_13180380	Ca_kabuli_chr07	13180380	[A/G]	1067301977
Ca_Kabuli_NC_021166.1_13215942	Ca_kabuli_chr07	13215942	[T/G]	1067301978
Ca_Kabuli_NC_021166.1_13220226	Ca_kabuli_chr07	13220226	[A/C]	1067301979
Ca_Kabuli_NC_021166.1_13220242	Ca_kabuli_chr07	13220242	[T/A]	1067301980
Ca_Kabuli_NC_021166.1_13220460	Ca_kabuli_chr07	13220460	[A/T]	1067301981
Ca_Kabuli_NC_021166.1_13288666	Ca_kabuli_chr07	13288666	[T/C]	1067301982
Ca_Kabuli_NC_021166.1_13288777	Ca_kabuli_chr07	13288777	[T/G]	1067301983
Ca_Kabuli_NC_021166.1_13319895	Ca_kabuli_chr07	13319895	[A/T]	1067301984
Ca_Kabuli_NC_021166.1_13481929	Ca_kabuli_chr07	13481929	[T/G]	1067301985
Ca_Kabuli_NC_021166.1_13514061	Ca_kabuli_chr07	13514061	[A/C]	1067301986
Ca_Kabuli_NC_021166.1_13514076	Ca_kabuli_chr07	13514076	[A/G]	1067301987
Ca_Kabuli_NC_021166.1_13514220	Ca_kabuli_chr07	13514220	[A/G]	1067301988
Ca_Kabuli_NC_021166.1_13514244	Ca_kabuli_chr07	13514244	[T/C]	1067301989
Ca_Kabuli_NC_021166.1_13580931	Ca_kabuli_chr07	13580931	[A/C]	1067301990
Ca_Kabuli_NC_021166.1_13580932	Ca_kabuli_chr07	13580932	[G/C]	1067301991
Ca_Kabuli_NC_021166.1_13580933	Ca_kabuli_chr07	13580933	[A/T]	1067301992

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_13581160	Ca_kabuli_chr07	13581160	[A/G]	1067301996
Ca_Kabuli_NC_021166.1_13581215	Ca_kabuli_chr07	13581215	[A/G]	1067301997
Ca_Kabuli_NC_021166.1_13581218	Ca_kabuli_chr07	13581218	[A/C]	1067301998
Ca_Kabuli_NC_021166.1_13581221	Ca_kabuli_chr07	13581221	[A/G]	1067301999
Ca_Kabuli_NC_021166.1_13581223	Ca_kabuli_chr07	13581223	[A/G]	1067302000
Ca_Kabuli_NC_021166.1_13581231	Ca_kabuli_chr07	13581231	[T/A]	1067302001
Ca_Kabuli_NC_021166.1_13581821	Ca_kabuli_chr07	13581821	[T/C]	1067302002
Ca_Kabuli_NC_021166.1_13581823	Ca_kabuli_chr07	13581823	[A/T]	1067302003
Ca_Kabuli_NC_021166.1_13605194	Ca_kabuli_chr07	13605194	[A/C]	1067302004
Ca_Kabuli_NC_021166.1_13605197	Ca_kabuli_chr07	13605197	[A/C]	1067302005
Ca_Kabuli_NC_021166.1_13605200	Ca_kabuli_chr07	13605200	[A/C]	1067302006
Ca_Kabuli_NC_021166.1_13605208	Ca_kabuli_chr07	13605208	[T/A]	1067302007
Ca_Kabuli_NC_021166.1_13605221	Ca_kabuli_chr07	13605221	[T/C]	1067302008
Ca_Kabuli_NC_021166.1_13667264	Ca_kabuli_chr07	13667264	[T/G]	1067302009
Ca_Kabuli_NC_021166.1_13760302	Ca_kabuli_chr07	13760302	[T/C]	1067302010
Ca_Kabuli_NC_021166.1_13760331	Ca_kabuli_chr07	13760331	[A/G]	1067302011
Ca_Kabuli_NC_021166.1_13776058	Ca_kabuli_chr07	13776058	[T/C]	1067302012
Ca_Kabuli_NC_021166.1_13776107	Ca_kabuli_chr07	13776107	[A/G]	1067302013
Ca_Kabuli_NC_021166.1_13776113	Ca_kabuli_chr07	13776113	[C/G]	1067302014
Ca_Kabuli_NC_021166.1_13781796	Ca_kabuli_chr07	13781796	[T/C]	1067302015
Ca_Kabuli_NC_021166.1_13781799	Ca_kabuli_chr07	13781799	[T/G]	1067302016
Ca_Kabuli_NC_021166.1_13781824	Ca_kabuli_chr07	13781824	[T/C]	1067302017
Ca_Kabuli_NC_021166.1_13819456	Ca_kabuli_chr07	13819456	[T/A]	1067302018
Ca_Kabuli_NC_021166.1_13860705	Ca_kabuli_chr07	13860705	[T/C]	1067302019
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Ca_Kabuli_NC_021166.1_13904188	Ca_kabuli_chr07	13904188	[T/C]	1067302021
Ca_Kabuli_NC_021166.1_13949259	Ca_kabuli_chr07	13949259	[G/A]	1067302022
Ca_Kabuli_NC_021166.1_13951804	Ca_kabuli_chr07	13951804	[A/G]	1067302023
Ca_Kabuli_NC_021166.1_14133830	Ca_kabuli_chr07	14133830	[G/A]	1067302024
Ca_Kabuli_NC_021166.1_14171041	Ca_kabuli_chr07	14171041	[T/G]	1067302025
Ca_Kabuli_NC_021166.1_14198250	Ca_kabuli_chr07	14198250	[G/C]	1067302026

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_14199554	Ca_kabuli_chr07	14199554	[T/G]	1067302029
Ca_Kabuli_NC_021166.1_14282061	Ca_kabuli_chr07	14282061	[A/G]	1067302030
Ca_Kabuli_NC_021166.1_14282154	Ca_kabuli_chr07	14282154	[T/G]	1067302031
Ca_Kabuli_NC_021166.1_14325903	Ca_kabuli_chr07	14325903	[T/A]	1067302032
Ca_Kabuli_NC_021166.1_14325936	Ca_kabuli_chr07	14325936	[T/C]	1067302033
Ca_Kabuli_NC_021166.1_14325948	Ca_kabuli_chr07	14325948	[A/G]	1067302034
Ca_Kabuli_NC_021166.1_14470488	Ca_kabuli_chr07	14470488	[C/G]	1067302035
Ca_Kabuli_NC_021166.1_14470491	Ca_kabuli_chr07	14470491	[A/G]	1067302036
Ca_Kabuli_NC_021166.1_14492362	Ca_kabuli_chr07	14492362	[C/T]	1067302037
Ca_Kabuli_NC_021166.1_14552465	Ca_kabuli_chr07	14552465	[T/C]	1067302038
Ca_Kabuli_NC_021166.1_14556361	Ca_kabuli_chr07	14556361	[T/A]	1067302039
Ca_Kabuli_NC_021166.1_14558899	Ca_kabuli_chr07	14558899	[T/A]	1067302040
Ca_Kabuli_NC_021166.1_14558900	Ca_kabuli_chr07	14558900	[A/C]	1067302041
Ca_Kabuli_NC_021166.1_14685017	Ca_kabuli_chr07	14685017	[C/T]	1067302042
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Ca_Kabuli_NC_021166.1_14685024	Ca_kabuli_chr07	14685024	[A/G]	1067302044
Ca_Kabuli_NC_021166.1_14776018	Ca_kabuli_chr07	14776018	[T/G]	1067302045
Ca_Kabuli_NC_021166.1_14776041	Ca_kabuli_chr07	14776041	[T/G]	1067302046
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Ca_Kabuli_NC_021166.1_14866797	Ca_kabuli_chr07	14866797	[A/G]	1067302056
Ca_Kabuli_NC_021166.1_14899176	Ca_kabuli_chr07	14899176	[T/G]	1067302057
Ca_Kabuli_NC_021166.1_14902205	Ca_kabuli_chr07	14902205	[T/G]	1067302058
Ca_Kabuli_NC_021166.1_14933301	Ca_kabuli_chr07	14933301	[T/C]	1067302059
Ca_Kabuli_NC_021166.1_14933306	Ca_kabuli_chr07	14933306	[A/G]	1067302060

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021166.1_14949948	Ca_kabuli_chr07	14949948	[A/C]	1067302061
Ca_Kabuli_NC_021166.1_15013576	Ca_kabuli_chr07	15013576	[A/C]	1067302062
Ca_Kabuli_NC_021166.1_15013577	Ca_kabuli_chr07	15013577	[G/A]	1067302063
Ca_Kabuli_NC_021166.1_15021703	Ca_kabuli_chr07	15021703	[G/T]	1067302064
Ca_Kabuli_NC_021166.1_15039606	Ca_kabuli_chr07	15039606	[T/A]	1067302065
Ca_Kabuli_NC_021166.1_15097437	Ca_kabuli_chr07	15097437	[A/C]	1067302066
Ca_Kabuli_NC_021166.1_15100152	Ca_kabuli_chr07	15100152	[C/A]	1067302067
Ca_Kabuli_NC_021166.1_15125608	Ca_kabuli_chr07	15125608	[T/A]	1067302068
Ca_Kabuli_NC_021166.1_15125636	Ca_kabuli_chr07	15125636	[T/G]	1067302069
Ca_Kabuli_NC_021166.1_15129131	Ca_kabuli_chr07	15129131	[C/A]	1067302070
Ca_Kabuli_NC_021166.1_15201852	Ca_kabuli_chr07	15201852	[A/T]	1067302071
Ca_Kabuli_NC_021166.1_15233487	Ca_kabuli_chr07	15233487	[T/G]	1067302072
Ca_Kabuli_NC_021166.1_15283180	Ca_kabuli_chr07	15283180	[T/A]	1067302073
Ca_Kabuli_NC_021166.1_15283183	Ca_kabuli_chr07	15283183	[T/A]	1067302074
Ca_Kabuli_NC_021166.1_15309117	Ca_kabuli_chr07	15309117	[A/C]	1067302075
Ca_Kabuli_NC_021166.1_15309177	Ca_kabuli_chr07	15309177	[A/G]	1067302076
Ca_Kabuli_NC_021166.1_15309179	Ca_kabuli_chr07	15309179	[A/C]	1067302077
Ca_Kabuli_NC_021166.1_15621480	Ca_kabuli_chr07	15621480	[T/C]	1067302078
Ca_Kabuli_NC_021166.1_15621499	Ca_kabuli_chr07	15621499	[A/G]	1067302079
Ca_Kabuli_NC_021166.1_15621504	Ca_kabuli_chr07	15621504	[T/G]	1067302080
Ca_Kabuli_NC_021166.1_15621507	Ca_kabuli_chr07	15621507	[T/G]	1067302081
Ca_Kabuli_NC_021166.1_15624675	Ca_kabuli_chr07	15624675	[A/G]	1067302082
Ca_Kabuli_NC_021166.1_15701608	Ca_kabuli_chr07	15701608	[A/G]	1067302083
Ca_Kabuli_NC_021166.1_15740777	Ca_kabuli_chr07	15740777	[A/C]	1067302084
Ca_Kabuli_NC_021166.1_15779226	Ca_kabuli_chr07	15779226	[C/T]	1067302085
Ca_Kabuli_NC_021166.1_15814624	Ca_kabuli_chr07	15814624	[A/C]	1067302086
Ca_Kabuli_NC_021166.1_15887950	Ca_kabuli_chr07	15887950	[C/A]	1067302087
Ca_Kabuli_NC_021166.1_15887951	Ca_kabuli_chr07	15887951	[T/G]	1067302088
Ca_Kabuli_NC_021166.1_15887954	Ca_kabuli_chr07	15887954	[T/G]	1067302089
Ca_Kabuli_NC_021166.1_15918309	Ca_kabuli_chr07	15918309	[A/G]	1067302090
Ca_Kabuli_NC_021166.1_15918336	Ca_kabuli_chr07	15918336	[C/T]	1067302091
Ca_Kabuli_NC_021166.1_15918341	Ca_kabuli_chr07	15918341	[C/T]	1067302092
Ca_Kabuli_NC_021166.1_15918343	Ca_kabuli_chr07	15918343	[A/G]	1067302093
Ca_Kabuli_NC_021166.1_15966666	Ca_kabuli_chr07	15966666	[T/C]	1067302094



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021166.1_15966700	Ca_kabuli_chr07	15966700	[G/T]	1067302095
Ca_Kabuli_NC_021166.1_15966701	Ca_kabuli_chr07	15966701	[A/T]	1067302096
Ca_Kabuli_NC_021166.1_15966762	Ca_kabuli_chr07	15966762	[G/A]	1067302097
Ca_Kabuli_NC_021166.1_15966770	Ca_kabuli_chr07	15966770	[A/T]	1067302098
Ca_Kabuli_NC_021166.1_15966805	Ca_kabuli_chr07	15966805	[C/T]	1067302099
Ca_Kabuli_NC_021166.1_16178928	Ca_kabuli_chr07	16178928	[C/T]	1067302100
Ca_Kabuli_NC_021166.1_16178935	Ca_kabuli_chr07	16178935	[G/T]	1067302101
Ca_Kabuli_NC_021166.1_16268352	Ca_kabuli_chr07	16268352	[G/T]	1067302102
Ca_Kabuli_NC_021166.1_16282987	Ca_kabuli_chr07	16282987	[C/A]	1067302103
Ca_Kabuli_NC_021166.1_16282988	Ca_kabuli_chr07	16282988	[A/G]	1067302104
Ca_Kabuli_NC_021166.1_16282990	Ca_kabuli_chr07	16282990	[C/T]	1067302105
Ca_Kabuli_NC_021166.1_16282991	Ca_kabuli_chr07	16282991	[T/C]	1067302106
Ca_Kabuli_NC_021166.1_16289801	Ca_kabuli_chr07	16289801	[A/C]	1067302107
Ca_Kabuli_NC_021166.1_16381651	Ca_kabuli_chr07	16381651	[A/T]	1067302108
Ca_Kabuli_NC_021166.1_16381880	Ca_kabuli_chr07	16381880	[T/C]	1067302109
Ca_Kabuli_NC_021166.1_16381896	Ca_kabuli_chr07	16381896	[A/G]	1067302110
Ca_Kabuli_NC_021166.1_16466564	Ca_kabuli_chr07	16466564	[C/A]	1067302111
Ca_Kabuli_NC_021166.1_16624827	Ca_kabuli_chr07	16624827	[A/C]	1067302112
Ca_Kabuli_NC_021166.1_16626047	Ca_kabuli_chr07	16626047	[T/G]	1067302113
Ca_Kabuli_NC_021166.1_16626713	Ca_kabuli_chr07	16626713	[T/C]	1067302114
Ca_Kabuli_NC_021166.1_16651454	Ca_kabuli_chr07	16651454	[C/T]	1067302115
Ca_Kabuli_NC_021166.1_16725171	Ca_kabuli_chr07	16725171	[T/C]	1067302116
Ca_Kabuli_NC_021166.1_16725180	Ca_kabuli_chr07	16725180	[T/A]	1067302117
Ca_Kabuli_NC_021166.1_16735401	Ca_kabuli_chr07	16735401	[T/C]	1067302118
Ca_Kabuli_NC_021166.1_16735433	Ca_kabuli_chr07	16735433	[A/G]	1067302119
Ca_Kabuli_NC_021166.1_16735437	Ca_kabuli_chr07	16735437	[G/A]	1067302120
Ca_Kabuli_NC_021166.1_16816263	Ca_kabuli_chr07	16816263	[A/T]	1067302121
Ca_Kabuli_NC_021166.1_16816276	Ca_kabuli_chr07	16816276	[G/A]	1067302122
Ca_Kabuli_NC_021166.1_16816277	Ca_kabuli_chr07	16816277	[A/G]	1067302123
Ca_Kabuli_NC_021166.1_16816308	Ca_kabuli_chr07	16816308	[T/A]	1067302124
Ca_Kabuli_NC_021166.1_16821331	Ca_kabuli_chr07	16821331	[A/G]	1067302125
Ca_Kabuli_NC_021166.1_16821335	Ca_kabuli_chr07	16821335	[A/G]	1067302126
Ca_Kabuli_NC_021166.1_16919612	Ca_kabuli_chr07	16919612	[A/T]	1067302127
Ca_Kabuli_NC_021166.1_16936123	Ca_kabuli_chr07	16936123	[C/A]	1067302128

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_17063559	Ca_kabuli_chr07	17063559	[A/C]	1067302131
Ca_Kabuli_NC_021166.1_17063560	Ca_kabuli_chr07	17063560	[G/T]	1067302132
Ca_Kabuli_NC_021166.1_17063561	Ca_kabuli_chr07	17063561	[A/C]	1067302133
Ca_Kabuli_NC_021166.1_17063562	Ca_kabuli_chr07	17063562	[T/C]	1067302134
Ca_Kabuli_NC_021166.1_17064935	Ca_kabuli_chr07	17064935	[A/T]	1067302135
Ca_Kabuli_NC_021166.1_17064945	Ca_kabuli_chr07	17064945	[A/G]	1067302136
Ca_Kabuli_NC_021166.1_17064989	Ca_kabuli_chr07	17064989	[T/A]	1067302137
Ca_Kabuli_NC_021166.1_17133036	Ca_kabuli_chr07	17133036	[C/T]	1067302138
Ca_Kabuli_NC_021166.1_17133041	Ca_kabuli_chr07	17133041	[G/A]	1067302139
Ca_Kabuli_NC_021166.1_17133042	Ca_kabuli_chr07	17133042	[T/A]	1067302140
Ca_Kabuli_NC_021166.1_17133046	Ca_kabuli_chr07	17133046	[T/G]	1067302141
Ca_Kabuli_NC_021166.1_17140656	Ca_kabuli_chr07	17140656	[C/A]	1067302142
Ca_Kabuli_NC_021166.1_17140659	Ca_kabuli_chr07	17140659	[A/G]	1067302143
Ca_Kabuli_NC_021166.1_17140682	Ca_kabuli_chr07	17140682	[T/C]	1067302144
Ca_Kabuli_NC_021166.1_17140684	Ca_kabuli_chr07	17140684	[A/C]	1067302145
Ca_Kabuli_NC_021166.1_17222165	Ca_kabuli_chr07	17222165	[A/C]	1067302146
Ca_Kabuli_NC_021166.1_17222192	Ca_kabuli_chr07	17222192	[A/C]	1067302147
Ca_Kabuli_NC_021166.1_17304408	Ca_kabuli_chr07	17304408	[A/C]	1067302148
Ca_Kabuli_NC_021166.1_17304409	Ca_kabuli_chr07	17304409	[G/T]	1067302149
Ca_Kabuli_NC_021166.1_17304410	Ca_kabuli_chr07	17304410	[A/T]	1067302150
Ca_Kabuli_NC_021166.1_17304411	Ca_kabuli_chr07	17304411	[T/G]	1067302151
Ca_Kabuli_NC_021166.1_17559707	Ca_kabuli_chr07	17559707	[T/C]	1067302152
Ca_Kabuli_NC_021166.1_17559753	Ca_kabuli_chr07	17559753	[T/C]	1067302153
Ca_Kabuli_NC_021166.1_17588267	Ca_kabuli_chr07	17588267	[A/C]	1067302154
Ca_Kabuli_NC_021166.1_17595584	Ca_kabuli_chr07	17595584	[A/T]	1067302155
Ca_Kabuli_NC_021166.1_17595590	Ca_kabuli_chr07	17595590	[A/T]	1067302156
Ca_Kabuli_NC_021166.1_17597367	Ca_kabuli_chr07	17597367	[T/G]	1067302157
Ca_Kabuli_NC_021166.1_17620142	Ca_kabuli_chr07	17620142	[A/T]	1067302158
Ca_Kabuli_NC_021166.1_17620146	Ca_kabuli_chr07	17620146	[C/T]	1067302159
Ca_Kabuli_NC_021166.1_17662183	Ca_kabuli_chr07	17662183	[T/A]	1067302160
Ca_Kabuli_NC_021166.1_17662190	Ca_kabuli_chr07	17662190	[T/A]	1067302161
Ca_Kabuli_NC_021166.1_17662191	Ca_kabuli_chr07	17662191	[C/A]	1067302162

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_17757870	Ca_kabuli_chr07	17757870	[T/A]	1067302165
Ca_Kabuli_NC_021166.1_17757872	Ca_kabuli_chr07	17757872	[A/G]	1067302166
Ca_Kabuli_NC_021166.1_17775266	Ca_kabuli_chr07	17775266	[A/C]	1067302167
Ca_Kabuli_NC_021166.1_17779388	Ca_kabuli_chr07	17779388	[T/A]	1067302168
Ca_Kabuli_NC_021166.1_17779398	Ca_kabuli_chr07	17779398	[A/C]	1067302169
Ca_Kabuli_NC_021166.1_17779575	Ca_kabuli_chr07	17779575	[A/G]	1067302170
Ca_Kabuli_NC_021166.1_17779594	Ca_kabuli_chr07	17779594	[T/G]	1067302171
Ca_Kabuli_NC_021166.1_17779720	Ca_kabuli_chr07	17779720	[T/G]	1067302172
Ca_Kabuli_NC_021166.1_17779746	Ca_kabuli_chr07	17779746	[A/G]	1067302173
Ca_Kabuli_NC_021166.1_17789596	Ca_kabuli_chr07	17789596	[T/G]	1067302174
Ca_Kabuli_NC_021166.1_17789599	Ca_kabuli_chr07	17789599	[A/C]	1067302175
Ca_Kabuli_NC_021166.1_17789611	Ca_kabuli_chr07	17789611	[A/C]	1067302176
Ca_Kabuli_NC_021166.1_17789612	Ca_kabuli_chr07	17789612	[C/A]	1067302177
Ca_Kabuli_NC_021166.1_17789624	Ca_kabuli_chr07	17789624	[G/A]	1067302178
Ca_Kabuli_NC_021166.1_17789644	Ca_kabuli_chr07	17789644	[T/C]	1067302179
Ca_Kabuli_NC_021166.1_17862656	Ca_kabuli_chr07	17862656	[T/A]	1067302180
Ca_Kabuli_NC_021166.1_17862658	Ca_kabuli_chr07	17862658	[T/G]	1067302181
Ca_Kabuli_NC_021166.1_17862691	Ca_kabuli_chr07	17862691	[A/T]	1067302182
Ca_Kabuli_NC_021166.1_17862696	Ca_kabuli_chr07	17862696	[A/C]	1067302183
Ca_Kabuli_NC_021166.1_18319022	Ca_kabuli_chr07	18319022	[A/T]	1067302184
Ca_Kabuli_NC_021166.1_18319824	Ca_kabuli_chr07	18319824	[T/C]	1067302185
Ca_Kabuli_NC_021166.1_18462652	Ca_kabuli_chr07	18462652	[C/A]	1067302186
Ca_Kabuli_NC_021166.1_18462653	Ca_kabuli_chr07	18462653	[C/G]	1067302187
Ca_Kabuli_NC_021166.1_18462654	Ca_kabuli_chr07	18462654	[T/A]	1067302188
Ca_Kabuli_NC_021166.1_18527968	Ca_kabuli_chr07	18527968	[T/C]	1067302189
Ca_Kabuli_NC_021166.1_18642417	Ca_kabuli_chr07	18642417	[T/C]	1067302190
Ca_Kabuli_NC_021166.1_18642486	Ca_kabuli_chr07	18642486	[T/C]	1067302191
Ca_Kabuli_NC_021166.1_18656219	Ca_kabuli_chr07	18656219	[A/C]	1067302192
Ca_Kabuli_NC_021166.1_18658595	Ca_kabuli_chr07	18658595	[A/C]	1067302193
Ca_Kabuli_NC_021166.1_18697880	Ca_kabuli_chr07	18697880	[A/T]	1067302194
Ca_Kabuli_NC_021166.1_18697881	Ca_kabuli_chr07	18697881	[T/C]	1067302195
Ca_Kabuli_NC_021166.1_18697882	Ca_kabuli_chr07	18697882	[C/G]	1067302196

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_18719820	Ca_kabuli_chr07	18719820	[T/G]	1067302199
Ca_Kabuli_NC_021166.1_18946700	Ca_kabuli_chr07	18946700	[T/C]	1067302200
Ca_Kabuli_NC_021166.1_18946748	Ca_kabuli_chr07	18946748	[A/C]	1067302201
Ca_Kabuli_NC_021166.1_18946792	Ca_kabuli_chr07	18946792	[C/A]	1067302202
Ca_Kabuli_NC_021166.1_19002735	Ca_kabuli_chr07	19002735	[A/G]	1067302203
Ca_Kabuli_NC_021166.1_19042218	Ca_kabuli_chr07	19042218	[T/C]	1067302204
Ca_Kabuli_NC_021166.1_19081722	Ca_kabuli_chr07	19081722	[T/G]	1067302205
Ca_Kabuli_NC_021166.1_19081724	Ca_kabuli_chr07	19081724	[A/G]	1067302206
Ca_Kabuli_NC_021166.1_19081728	Ca_kabuli_chr07	19081728	[C/T]	1067302207
Ca_Kabuli_NC_021166.1_19081731	Ca_kabuli_chr07	19081731	[A/G]	1067302208
Ca_Kabuli_NC_021166.1_19217473	Ca_kabuli_chr07	19217473	[T/C]	1067302209
Ca_Kabuli_NC_021166.1_19217496	Ca_kabuli_chr07	19217496	[A/G]	1067302210
Ca_Kabuli_NC_021166.1_19233130	Ca_kabuli_chr07	19233130	[A/C]	1067302211
Ca_Kabuli_NC_021166.1_19233146	Ca_kabuli_chr07	19233146	[A/C]	1067302212
Ca_Kabuli_NC_021166.1_19233153	Ca_kabuli_chr07	19233153	[A/C]	1067302213
Ca_Kabuli_NC_021166.1_19233163	Ca_kabuli_chr07	19233163	[A/C]	1067302214
Ca_Kabuli_NC_021166.1_19523982	Ca_kabuli_chr07	19523982	[A/G]	1067302215
Ca_Kabuli_NC_021166.1_19523991	Ca_kabuli_chr07	19523991	[A/G]	1067302216
Ca_Kabuli_NC_021166.1_19523996	Ca_kabuli_chr07	19523996	[C/G]	1067302217
Ca_Kabuli_NC_021166.1_19523999	Ca_kabuli_chr07	19523999	[T/C]	1067302218
Ca_Kabuli_NC_021166.1_19524001	Ca_kabuli_chr07	19524001	[A/G]	1067302219
Ca_Kabuli_NC_021166.1_19549600	Ca_kabuli_chr07	19549600	[A/C]	1067302220
Ca_Kabuli_NC_021166.1_19549678	Ca_kabuli_chr07	19549678	[T/C]	1067302221
Ca_Kabuli_NC_021166.1_19549690	Ca_kabuli_chr07	19549690	[T/G]	1067302222
Ca_Kabuli_NC_021166.1_19549713	Ca_kabuli_chr07	19549713	[T/C]	1067302223
Ca_Kabuli_NC_021166.1_19620340	Ca_kabuli_chr07	19620340	[A/G]	1067302224
Ca_Kabuli_NC_021166.1_19707901	Ca_kabuli_chr07	19707901	[A/C]	1067302225
Ca_Kabuli_NC_021166.1_19988607	Ca_kabuli_chr07	19988607	[A/C]	1067302226
Ca_Kabuli_NC_021166.1_19988626	Ca_kabuli_chr07	19988626	[T/G]	1067302227
Ca_Kabuli_NC_021166.1_20082879	Ca_kabuli_chr07	20082879	[T/C]	1067302228
Ca_Kabuli_NC_021166.1_20083015	Ca_kabuli_chr07	20083015	[A/G]	1067302229
Ca_Kabuli_NC_021166.1_20099351	Ca_kabuli_chr07	20099351	[T/G]	1067302230

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_20111036	Ca_kabuli_chr07	20111036	[T/A]	1067302232
Ca_Kabuli_NC_021166.1_20111132	Ca_kabuli_chr07	20111132	[A/C]	1067302233
Ca_Kabuli_NC_021166.1_20111151	Ca_kabuli_chr07	20111151	[A/T]	1067302234
Ca_Kabuli_NC_021166.1_20111175	Ca_kabuli_chr07	20111175	[C/A]	1067302235
Ca_Kabuli_NC_021166.1_20111213	Ca_kabuli_chr07	20111213	[T/C]	1067302236
Ca_Kabuli_NC_021166.1_20143920	Ca_kabuli_chr07	20143920	[T/G]	1067302237
Ca_Kabuli_NC_021166.1_20175675	Ca_kabuli_chr07	20175675	[G/A]	1067302238
Ca_Kabuli_NC_021166.1_20175676	Ca_kabuli_chr07	20175676	[G/C]	1067302239
Ca_Kabuli_NC_021166.1_20175680	Ca_kabuli_chr07	20175680	[G/T]	1067302240
Ca_Kabuli_NC_021166.1_20218289	Ca_kabuli_chr07	20218289	[A/G]	1067302241
Ca_Kabuli_NC_021166.1_20218300	Ca_kabuli_chr07	20218300	[C/T]	1067302242
Ca_Kabuli_NC_021166.1_20234537	Ca_kabuli_chr07	20234537	[A/C]	1067302243
Ca_Kabuli_NC_021166.1_20253424	Ca_kabuli_chr07	20253424	[G/A]	1067302244
Ca_Kabuli_NC_021166.1_20293669	Ca_kabuli_chr07	20293669	[A/C]	1067302245
Ca_Kabuli_NC_021166.1_20293736	Ca_kabuli_chr07	20293736	[C/T]	1067302246
Ca_Kabuli_NC_021166.1_20373645	Ca_kabuli_chr07	20373645	[A/C]	1067302247
Ca_Kabuli_NC_021166.1_20373656	Ca_kabuli_chr07	20373656	[A/C]	1067302248
Ca_Kabuli_NC_021166.1_20373666	Ca_kabuli_chr07	20373666	[A/G]	1067302249
Ca_Kabuli_NC_021166.1_20373673	Ca_kabuli_chr07	20373673	[A/T]	1067302250
Ca_Kabuli_NC_021166.1_20412700	Ca_kabuli_chr07	20412700	[A/C]	1067302251
Ca_Kabuli_NC_021166.1_20412701	Ca_kabuli_chr07	20412701	[G/T]	1067302252
Ca_Kabuli_NC_021166.1_20412702	Ca_kabuli_chr07	20412702	[A/T]	1067302253
Ca_Kabuli_NC_021166.1_20412703	Ca_kabuli_chr07	20412703	[T/A]	1067302254
Ca_Kabuli_NC_021166.1_20419509	Ca_kabuli_chr07	20419509	[T/A]	1067302255
Ca_Kabuli_NC_021166.1_20419524	Ca_kabuli_chr07	20419524	[T/C]	1067302256
Ca_Kabuli_NC_021166.1_20452200	Ca_kabuli_chr07	20452200	[C/T]	1067302257
Ca_Kabuli_NC_021166.1_20452201	Ca_kabuli_chr07	20452201	[A/C]	1067302258
Ca_Kabuli_NC_021166.1_20452202	Ca_kabuli_chr07	20452202	[G/T]	1067302259
Ca_Kabuli_NC_021166.1_20452278	Ca_kabuli_chr07	20452278	[G/A]	1067302260
Ca_Kabuli_NC_021166.1_20452457	Ca_kabuli_chr07	20452457	[G/A]	1067302261
Ca_Kabuli_NC_021166.1_20496072	Ca_kabuli_chr07	20496072	[T/G]	1067302262
Ca_Kabuli_NC_021166.1_20496104	Ca_kabuli_chr07	20496104	[T/G]	1067302263
Ca_Kabuli_NC_021166.1_20496303	Ca_kabuli_chr07	20496303	[T/C]	1067302264

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_20496405	Ca_kabuli_chr07	20496405	[C/T]	1067302267
Ca_Kabuli_NC_021166.1_20496421	Ca_kabuli_chr07	20496421	[A/C]	1067302268
Ca_Kabuli_NC_021166.1_20498552	Ca_kabuli_chr07	20498552	[C/T]	1067302269
Ca_Kabuli_NC_021166.1_20498626	Ca_kabuli_chr07	20498626	[G/T]	1067302270
Ca_Kabuli_NC_021166.1_20538485	Ca_kabuli_chr07	20538485	[A/G]	1067302271
Ca_Kabuli_NC_021166.1_20543112	Ca_kabuli_chr07	20543112	[C/T]	1067302272
Ca_Kabuli_NC_021166.1_20543119	Ca_kabuli_chr07	20543119	[T/C]	1067302273
Ca_Kabuli_NC_021166.1_20543181	Ca_kabuli_chr07	20543181	[A/C]	1067302274
Ca_Kabuli_NC_021166.1_20556466	Ca_kabuli_chr07	20556466	[G/C]	1067302275
Ca_Kabuli_NC_021166.1_20564024	Ca_kabuli_chr07	20564024	[G/A]	1067302276
Ca_Kabuli_NC_021166.1_20564088	Ca_kabuli_chr07	20564088	[A/G]	1067302277
Ca_Kabuli_NC_021166.1_20564297	Ca_kabuli_chr07	20564297	[A/G]	1067302278
Ca_Kabuli_NC_021166.1_20586113	Ca_kabuli_chr07	20586113	[G/A]	1067302279
Ca_Kabuli_NC_021166.1_20603334	Ca_kabuli_chr07	20603334	[C/T]	1067302280
Ca_Kabuli_NC_021166.1_20606378	Ca_kabuli_chr07	20606378	[T/G]	1067302281
Ca_Kabuli_NC_021166.1_20606383	Ca_kabuli_chr07	20606383	[T/G]	1067302282
Ca_Kabuli_NC_021166.1_20607926	Ca_kabuli_chr07	20607926	[T/G]	1067302283
Ca_Kabuli_NC_021166.1_20610549	Ca_kabuli_chr07	20610549	[T/A]	1067302284
Ca_Kabuli_NC_021166.1_20613547	Ca_kabuli_chr07	20613547	[A/G]	1067302285
Ca_Kabuli_NC_021166.1_20613718	Ca_kabuli_chr07	20613718	[C/T]	1067302286
Ca_Kabuli_NC_021166.1_20637257	Ca_kabuli_chr07	20637257	[T/G]	1067302287
Ca_Kabuli_NC_021166.1_20637361	Ca_kabuli_chr07	20637361	[T/G]	1067302288
Ca_Kabuli_NC_021166.1_20637373	Ca_kabuli_chr07	20637373	[T/A]	1067302289
Ca_Kabuli_NC_021166.1_20637410	Ca_kabuli_chr07	20637410	[A/C]	1067302290
Ca_Kabuli_NC_021166.1_20637431	Ca_kabuli_chr07	20637431	[A/G]	1067302291
Ca_Kabuli_NC_021166.1_20921484	Ca_kabuli_chr07	20921484	[C/A]	1067302292
Ca_Kabuli_NC_021166.1_20921497	Ca_kabuli_chr07	20921497	[T/G]	1067302293
Ca_Kabuli_NC_021166.1_20921517	Ca_kabuli_chr07	20921517	[T/G]	1067302294
Ca_Kabuli_NC_021166.1_20921527	Ca_kabuli_chr07	20921527	[T/G]	1067302295
Ca_Kabuli_NC_021166.1_20921532	Ca_kabuli_chr07	20921532	[T/A]	1067302296
Ca_Kabuli_NC_021166.1_21073366	Ca_kabuli_chr07	21073366	[A/C]	1067302297
Ca_Kabuli_NC_021166.1_21073385	Ca_kabuli_chr07	21073385	[A/C]	1067302298

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_21511596	Ca_kabuli_chr07	21511596	[A/C]	1067302300
Ca_Kabuli_NC_021166.1_21580134	Ca_kabuli_chr07	21580134	[A/T]	1067302301
Ca_Kabuli_NC_021166.1_21592597	Ca_kabuli_chr07	21592597	[A/G]	1067302302
Ca_Kabuli_NC_021166.1_21595473	Ca_kabuli_chr07	21595473	[T/A]	1067302303
Ca_Kabuli_NC_021166.1_21595478	Ca_kabuli_chr07	21595478	[T/G]	1067302304
Ca_Kabuli_NC_021166.1_21595491	Ca_kabuli_chr07	21595491	[T/C]	1067302305
Ca_Kabuli_NC_021166.1_21595499	Ca_kabuli_chr07	21595499	[A/T]	1067302306
Ca_Kabuli_NC_021166.1_21616285	Ca_kabuli_chr07	21616285	[A/G]	1067302307
Ca_Kabuli_NC_021166.1_21616287	Ca_kabuli_chr07	21616287	[T/G]	1067302308
Ca_Kabuli_NC_021166.1_21616294	Ca_kabuli_chr07	21616294	[T/G]	1067302309
Ca_Kabuli_NC_021166.1_21616296	Ca_kabuli_chr07	21616296	[A/G]	1067302310
Ca_Kabuli_NC_021166.1_21633183	Ca_kabuli_chr07	21633183	[A/C]	1067302311
Ca_Kabuli_NC_021166.1_21639234	Ca_kabuli_chr07	21639234	[G/A]	1067302312
Ca_Kabuli_NC_021166.1_21639238	Ca_kabuli_chr07	21639238	[G/A]	1067302313
Ca_Kabuli_NC_021166.1_21639241	Ca_kabuli_chr07	21639241	[T/A]	1067302314
Ca_Kabuli_NC_021166.1_21639244	Ca_kabuli_chr07	21639244	[T/G]	1067302315
Ca_Kabuli_NC_021166.1_21639347	Ca_kabuli_chr07	21639347	[T/G]	1067302316
Ca_Kabuli_NC_021166.1_21644319	Ca_kabuli_chr07	21644319	[A/T]	1067302317
Ca_Kabuli_NC_021166.1_21644342	Ca_kabuli_chr07	21644342	[G/A]	1067302318
Ca_Kabuli_NC_021166.1_21736778	Ca_kabuli_chr07	21736778	[G/A]	1067302319
Ca_Kabuli_NC_021166.1_21744514	Ca_kabuli_chr07	21744514	[T/C]	1067302320
Ca_Kabuli_NC_021166.1_21809119	Ca_kabuli_chr07	21809119	[C/A]	1067302321
Ca_Kabuli_NC_021166.1_21809120	Ca_kabuli_chr07	21809120	[A/G]	1067302322
Ca_Kabuli_NC_021166.1_21814575	Ca_kabuli_chr07	21814575	[C/A]	1067302323
Ca_Kabuli_NC_021166.1_21814576	Ca_kabuli_chr07	21814576	[A/G]	1067302324
Ca_Kabuli_NC_021166.1_21814577	Ca_kabuli_chr07	21814577	[T/A]	1067302325
Ca_Kabuli_NC_021166.1_21814578	Ca_kabuli_chr07	21814578	[G/T]	1067302326
Ca_Kabuli_NC_021166.1_21814580	Ca_kabuli_chr07	21814580	[C/G]	1067302327
Ca_Kabuli_NC_021166.1_22236552	Ca_kabuli_chr07	22236552	[A/C]	1067302328
Ca_Kabuli_NC_021166.1_22496764	Ca_kabuli_chr07	22496764	[C/A]	1067302329
Ca_Kabuli_NC_021166.1_22707313	Ca_kabuli_chr07	22707313	[G/A]	1067302330
Ca_Kabuli_NC_021166.1_22707344	Ca_kabuli_chr07	22707344	[T/C]	1067302331
Ca_Kabuli_NC_021166.1_22721398	Ca_kabuli_chr07	22721398	[T/G]	1067302332

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_22731293	Ca_kabuli_chr07	22731293	[T/G]	1067302335
Ca_Kabuli_NC_021166.1_22731322	Ca_kabuli_chr07	22731322	[A/G]	1067302336
Ca_Kabuli_NC_021166.1_22731364	Ca_kabuli_chr07	22731364	[T/C]	1067302337
Ca_Kabuli_NC_021166.1_22731388	Ca_kabuli_chr07	22731388	[T/C]	1067302338
Ca_Kabuli_NC_021166.1_22731398	Ca_kabuli_chr07	22731398	[A/G]	1067302339
Ca_Kabuli_NC_021166.1_22731403	Ca_kabuli_chr07	22731403	[A/G]	1067302340
Ca_Kabuli_NC_021166.1_22731410	Ca_kabuli_chr07	22731410	[A/G]	1067302341
Ca_Kabuli_NC_021166.1_22731413	Ca_kabuli_chr07	22731413	[A/G]	1067302342
Ca_Kabuli_NC_021166.1_22750211	Ca_kabuli_chr07	22750211	[T/A]	1067302343
Ca_Kabuli_NC_021166.1_22750241	Ca_kabuli_chr07	22750241	[T/G]	1067302344
Ca_Kabuli_NC_021166.1_22750264	Ca_kabuli_chr07	22750264	[T/G]	1067302345
Ca_Kabuli_NC_021166.1_22750348	Ca_kabuli_chr07	22750348	[A/G]	1067302346
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Ca_Kabuli_NC_021166.1_22803879	Ca_kabuli_chr07	22803879	[G/T]	1067302350
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Ca_Kabuli_NC_021166.1_22893135	Ca_kabuli_chr07	22893135	[T/C]	1067302353
Ca_Kabuli_NC_021166.1_22893191	Ca_kabuli_chr07	22893191	[A/G]	1067302354
Ca_Kabuli_NC_021166.1_22958199	Ca_kabuli_chr07	22958199	[G/A]	1067302355
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Ca_Kabuli_NC_021166.1_22987832	Ca_kabuli_chr07	22987832	[G/C]	1067302357
Ca_Kabuli_NC_021166.1_22987838	Ca_kabuli_chr07	22987838	[A/G]	1067302358
Ca_Kabuli_NC_021166.1_23103084	Ca_kabuli_chr07	23103084	[C/T]	1067302359
Ca_Kabuli_NC_021166.1_23115511	Ca_kabuli_chr07	23115511	[T/C]	1067302360
Ca_Kabuli_NC_021166.1_23115575	Ca_kabuli_chr07	23115575	[A/C]	1067302361
Ca_Kabuli_NC_021166.1_23439178	Ca_kabuli_chr07	23439178	[A/C]	1067302362
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Ca_Kabuli_NC_021166.1_23574181	Ca_kabuli_chr07	23574181	[C/T]	1067302364
Ca_Kabuli_NC_021166.1_23574187	Ca_kabuli_chr07	23574187	[T/C]	1067302365
Ca_Kabuli_NC_021166.1_23574823	Ca_kabuli_chr07	23574823	[C/T]	1067302366



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_23615946	Ca_kabuli_chr07	23615946	[T/C]	1067302370
Ca_Kabuli_NC_021166.1_23615960	Ca_kabuli_chr07	23615960	[A/G]	1067302371
Ca_Kabuli_NC_021166.1_23615984	Ca_kabuli_chr07	23615984	[A/G]	1067302372
Ca_Kabuli_NC_021166.1_23616003	Ca_kabuli_chr07	23616003	[A/G]	1067302373
Ca_Kabuli_NC_021166.1_23616014	Ca_kabuli_chr07	23616014	[A/G]	1067302374
Ca_Kabuli_NC_021166.1_23616063	Ca_kabuli_chr07	23616063	[A/T]	1067302375
Ca_Kabuli_NC_021166.1_23664610	Ca_kabuli_chr07	23664610	[A/C]	1067302376
Ca_Kabuli_NC_021166.1_23664646	Ca_kabuli_chr07	23664646	[G/T]	1067302377
Ca_Kabuli_NC_021166.1_24021658	Ca_kabuli_chr07	24021658	[T/C]	1067302378
Ca_Kabuli_NC_021166.1_24021667	Ca_kabuli_chr07	24021667	[T/G]	1067302379
Ca_Kabuli_NC_021166.1_24021683	Ca_kabuli_chr07	24021683	[G/A]	1067302380
Ca_Kabuli_NC_021166.1_24021690	Ca_kabuli_chr07	24021690	[T/G]	1067302381
Ca_Kabuli_NC_021166.1_24021691	Ca_kabuli_chr07	24021691	[T/C]	1067302382
Ca_Kabuli_NC_021166.1_24181315	Ca_kabuli_chr07	24181315	[A/G]	1067302383
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Ca_Kabuli_NC_021166.1_24181341	Ca_kabuli_chr07	24181341	[T/G]	1067302386
Ca_Kabuli_NC_021166.1_24415813	Ca_kabuli_chr07	24415813	[T/A]	1067302387
Ca_Kabuli_NC_021166.1_24415854	Ca_kabuli_chr07	24415854	[A/G]	1067302388
Ca_Kabuli_NC_021166.1_24415873	Ca_kabuli_chr07	24415873	[A/G]	1067302389
Ca_Kabuli_NC_021166.1_24415895	Ca_kabuli_chr07	24415895	[A/T]	1067302390
Ca_Kabuli_NC_021166.1_24543018	Ca_kabuli_chr07	24543018	[A/T]	1067302391
Ca_Kabuli_NC_021166.1_24543026	Ca_kabuli_chr07	24543026	[G/C]	1067302392
Ca_Kabuli_NC_021166.1_24543030	Ca_kabuli_chr07	24543030	[A/G]	1067302393
Ca_Kabuli_NC_021166.1_24544547	Ca_kabuli_chr07	24544547	[T/C]	1067302394
Ca_Kabuli_NC_021166.1_24544567	Ca_kabuli_chr07	24544567	[A/C]	1067302395
Ca_Kabuli_NC_021166.1_24882282	Ca_kabuli_chr07	24882282	[A/G]	1067302396
Ca_Kabuli_NC_021166.1_24882332	Ca_kabuli_chr07	24882332	[T/A]	1067302397
Ca_Kabuli_NC_021166.1_25194703	Ca_kabuli_chr07	25194703	[T/A]	1067302398
Ca_Kabuli_NC_021166.1_25218318	Ca_kabuli_chr07	25218318	[A/C]	1067302399
Ca_Kabuli_NC_021166.1_25218387	Ca_kabuli_chr07	25218387	[A/C]	1067302400

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_25428660	Ca_kabuli_chr07	25428660	[G/A]	1067302402
Ca_Kabuli_NC_021166.1_25581054	Ca_kabuli_chr07	25581054	[A/G]	1067302403
Ca_Kabuli_NC_021166.1_25581056	Ca_kabuli_chr07	25581056	[A/C]	1067302404
Ca_Kabuli_NC_021166.1_26144164	Ca_kabuli_chr07	26144164	[T/C]	1067302405
Ca_Kabuli_NC_021166.1_26144172	Ca_kabuli_chr07	26144172	[T/C]	1067302406
Ca_Kabuli_NC_021166.1_26149441	Ca_kabuli_chr07	26149441	[A/C]	1067302407
Ca_Kabuli_NC_021166.1_26149451	Ca_kabuli_chr07	26149451	[A/C]	1067302408
Ca_Kabuli_NC_021166.1_26161030	Ca_kabuli_chr07	26161030	[C/T]	1067302409
Ca_Kabuli_NC_021166.1_26226146	Ca_kabuli_chr07	26226146	[C/G]	1067302410
Ca_Kabuli_NC_021166.1_26226151	Ca_kabuli_chr07	26226151	[T/C]	1067302411
Ca_Kabuli_NC_021166.1_26226177	Ca_kabuli_chr07	26226177	[T/A]	1067302412
Ca_Kabuli_NC_021166.1_26580139	Ca_kabuli_chr07	26580139	[A/C]	1067302413
Ca_Kabuli_NC_021166.1_26692131	Ca_kabuli_chr07	26692131	[T/C]	1067302414
Ca_Kabuli_NC_021166.1_26692194	Ca_kabuli_chr07	26692194	[A/T]	1067302415
Ca_Kabuli_NC_021166.1_26692195	Ca_kabuli_chr07	26692195	[G/C]	1067302416
Ca_Kabuli_NC_021166.1_26694546	Ca_kabuli_chr07	26694546	[T/A]	1067302417
Ca_Kabuli_NC_021166.1_26700368	Ca_kabuli_chr07	26700368	[A/G]	1067302418
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Ca_Kabuli_NC_021166.1_26701552	Ca_kabuli_chr07	26701552	[G/A]	1067302421
Ca_Kabuli_NC_021166.1_26701557	Ca_kabuli_chr07	26701557	[A/T]	1067302422
Ca_Kabuli_NC_021166.1_26701563	Ca_kabuli_chr07	26701563	[A/T]	1067302423
Ca_Kabuli_NC_021166.1_26701573	Ca_kabuli_chr07	26701573	[G/C]	1067302424
Ca_Kabuli_NC_021166.1_26701603	Ca_kabuli_chr07	26701603	[A/C]	1067302425
Ca_Kabuli_NC_021166.1_26701625	Ca_kabuli_chr07	26701625	[A/C]	1067302426
Ca_Kabuli_NC_021166.1_26701628	Ca_kabuli_chr07	26701628	[A/G]	1067302427
Ca_Kabuli_NC_021166.1_26701643	Ca_kabuli_chr07	26701643	[T/G]	1067302428
Ca_Kabuli_NC_021166.1_26761639	Ca_kabuli_chr07	26761639	[A/T]	1067302429
Ca_Kabuli_NC_021166.1_26882849	Ca_kabuli_chr07	26882849	[T/C]	1067302430
Ca_Kabuli_NC_021166.1_26940696	Ca_kabuli_chr07	26940696	[T/A]	1067302431
Ca_Kabuli_NC_021166.1_26940789	Ca_kabuli_chr07	26940789	[A/G]	1067302432
Ca_Kabuli_NC_021166.1_26940817	Ca_kabuli_chr07	26940817	[T/C]	1067302433
Ca_Kabuli_NC_021166.1_26940823	Ca_kabuli_chr07	26940823	[A/G]	1067302434

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_26940896	Ca_kabuli_chr07	26940896	[G/A]	1067302437
Ca_Kabuli_NC_021166.1_26940934	Ca_kabuli_chr07	26940934	[A/G]	1067302438
Ca_Kabuli_NC_021166.1_26940939	Ca_kabuli_chr07	26940939	[T/G]	1067302439
Ca_Kabuli_NC_021166.1_26940955	Ca_kabuli_chr07	26940955	[T/G]	1067302440
Ca_Kabuli_NC_021166.1_27051386	Ca_kabuli_chr07	27051386	[T/C]	1067302441
Ca_Kabuli_NC_021166.1_27051399	Ca_kabuli_chr07	27051399	[A/G]	1067302442
Ca_Kabuli_NC_021166.1_27051410	Ca_kabuli_chr07	27051410	[T/G]	1067302443
Ca_Kabuli_NC_021166.1_27051446	Ca_kabuli_chr07	27051446	[A/G]	1067302444
Ca_Kabuli_NC_021166.1_27051468	Ca_kabuli_chr07	27051468	[A/C]	1067302445
Ca_Kabuli_NC_021166.1_27051760	Ca_kabuli_chr07	27051760	[A/C]	1067302446
Ca_Kabuli_NC_021166.1_27070626	Ca_kabuli_chr07	27070626	[G/C]	1067302447
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Ca_Kabuli_NC_021166.1_27070632	Ca_kabuli_chr07	27070632	[G/T]	1067302449
Ca_Kabuli_NC_021166.1_27070635	Ca_kabuli_chr07	27070635	[A/G]	1067302450
Ca_Kabuli_NC_021166.1_27157236	Ca_kabuli_chr07	27157236	[C/A]	1067302451
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Ca_Kabuli_NC_021166.1_27210871	Ca_kabuli_chr07	27210871	[C/A]	1067302453
Ca_Kabuli_NC_021166.1_27210881	Ca_kabuli_chr07	27210881	[C/T]	1067302454
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Ca_Kabuli_NC_021166.1_27350854	Ca_kabuli_chr07	27350854	[T/A]	1067302457
Ca_Kabuli_NC_021166.1_27419275	Ca_kabuli_chr07	27419275	[A/C]	1067302458
Ca_Kabuli_NC_021166.1_27419283	Ca_kabuli_chr07	27419283	[A/G]	1067302459
Ca_Kabuli_NC_021166.1_27420157	Ca_kabuli_chr07	27420157	[T/A]	1067302460
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Ca_Kabuli_NC_021166.1_27633725	Ca_kabuli_chr07	27633725	[A/G]	1067302462
Ca_Kabuli_NC_021166.1_27633730	Ca_kabuli_chr07	27633730	[T/C]	1067302463
Ca_Kabuli_NC_021166.1_27633762	Ca_kabuli_chr07	27633762	[T/G]	1067302464
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Ca_Kabuli_NC_021166.1_27869721	Ca_kabuli_chr07	27869721	[A/C]	1067302466
Ca_Kabuli_NC_021166.1_28343865	Ca_kabuli_chr07	28343865	[T/C]	1067302467
Ca_Kabuli_NC_021166.1_28442530	Ca_kabuli_chr07	28442530	[T/G]	1067302468

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_28442628	Ca_kabuli_chr07	28442628	[T/C]	1067302471
Ca_Kabuli_NC_021166.1_28443148	Ca_kabuli_chr07	28443148	[A/C]	1067302472
Ca_Kabuli_NC_021166.1_28443153	Ca_kabuli_chr07	28443153	[A/C]	1067302473
Ca_Kabuli_NC_021166.1_28467688	Ca_kabuli_chr07	28467688	[G/T]	1067302474
Ca_Kabuli_NC_021166.1_28520385	Ca_kabuli_chr07	28520385	[A/C]	1067302475
Ca_Kabuli_NC_021166.1_28549319	Ca_kabuli_chr07	28549319	[T/G]	1067302476
Ca_Kabuli_NC_021166.1_28577904	Ca_kabuli_chr07	28577904	[A/C]	1067302477
Ca_Kabuli_NC_021166.1_28598478	Ca_kabuli_chr07	28598478	[T/G]	1067302478
Ca_Kabuli_NC_021166.1_28613958	Ca_kabuli_chr07	28613958	[A/T]	1067302479
Ca_Kabuli_NC_021166.1_28620851	Ca_kabuli_chr07	28620851	[C/T]	1067302480
Ca_Kabuli_NC_021166.1_28655421	Ca_kabuli_chr07	28655421	[T/C]	1067302481
Ca_Kabuli_NC_021166.1_28675595	Ca_kabuli_chr07	28675595	[A/T]	1067302482
Ca_Kabuli_NC_021166.1_28931206	Ca_kabuli_chr07	28931206	[A/C]	1067302483
Ca_Kabuli_NC_021166.1_28931222	Ca_kabuli_chr07	28931222	[T/A]	1067302484
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Ca_Kabuli_NC_021166.1_29109721	Ca_kabuli_chr07	29109721	[A/C]	1067302487
Ca_Kabuli_NC_021166.1_29139477	Ca_kabuli_chr07	29139477	[T/C]	1067302488
Ca_Kabuli_NC_021166.1_29139673	Ca_kabuli_chr07	29139673	[A/G]	1067302489
Ca_Kabuli_NC_021166.1_29139691	Ca_kabuli_chr07	29139691	[T/G]	1067302490
Ca_Kabuli_NC_021166.1_29148371	Ca_kabuli_chr07	29148371	[A/C]	1067302491
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Ca_Kabuli_NC_021166.1_29154016	Ca_kabuli_chr07	29154016	[C/T]	1067302495
Ca_Kabuli_NC_021166.1_29154032	Ca_kabuli_chr07	29154032	[T/A]	1067302496
Ca_Kabuli_NC_021166.1_29190642	Ca_kabuli_chr07	29190642	[C/T]	1067302497
Ca_Kabuli_NC_021166.1_29190643	Ca_kabuli_chr07	29190643	[C/T]	1067302498
Ca_Kabuli_NC_021166.1_29190657	Ca_kabuli_chr07	29190657	[T/C]	1067302499
Ca_Kabuli_NC_021166.1_29190693	Ca_kabuli_chr07	29190693	[T/C]	1067302500
Ca_Kabuli_NC_021166.1_29190702	Ca_kabuli_chr07	29190702	[T/A]	1067302501
Ca_Kabuli_NC_021166.1_29221789	Ca_kabuli_chr07	29221789	[T/C]	1067302502

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_29313273	Ca_kabuli_chr07	29313273	[G/A]	1067302506
Ca_Kabuli_NC_021166.1_29313283	Ca_kabuli_chr07	29313283	[T/C]	1067302507
Ca_Kabuli_NC_021166.1_29473962	Ca_kabuli_chr07	29473962	[T/G]	1067302508
Ca_Kabuli_NC_021166.1_29796495	Ca_kabuli_chr07	29796495	[T/G]	1067302509
Ca_Kabuli_NC_021166.1_29798563	Ca_kabuli_chr07	29798563	[A/G]	1067302510
Ca_Kabuli_NC_021166.1_29837039	Ca_kabuli_chr07	29837039	[T/G]	1067302511
Ca_Kabuli_NC_021166.1_29841758	Ca_kabuli_chr07	29841758	[A/G]	1067302512
Ca_Kabuli_NC_021166.1_29848397	Ca_kabuli_chr07	29848397	[T/G]	1067302513
Ca_Kabuli_NC_021166.1_29849514	Ca_kabuli_chr07	29849514	[A/C]	1067302514
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Ca_Kabuli_NC_021166.1_29884758	Ca_kabuli_chr07	29884758	[T/C]	1067302516
Ca_Kabuli_NC_021166.1_29884785	Ca_kabuli_chr07	29884785	[A/G]	1067302517
Ca_Kabuli_NC_021166.1_29884788	Ca_kabuli_chr07	29884788	[A/T]	1067302518
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Ca_Kabuli_NC_021166.1_29924747	Ca_kabuli_chr07	29924747	[G/A]	1067302520
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Ca_Kabuli_NC_021166.1_30060455	Ca_kabuli_chr07	30060455	[A/G]	1067302522
Ca_Kabuli_NC_021166.1_30060473	Ca_kabuli_chr07	30060473	[T/C]	1067302523
Ca_Kabuli_NC_021166.1_30114687	Ca_kabuli_chr07	30114687	[A/C]	1067302524
Ca_Kabuli_NC_021166.1_30114688	Ca_kabuli_chr07	30114688	[G/C]	1067302525
Ca_Kabuli_NC_021166.1_30118054	Ca_kabuli_chr07	30118054	[A/G]	1067302526
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Ca_Kabuli_NC_021166.1_30340422	Ca_kabuli_chr07	30340422	[T/A]	1067302528
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Ca_Kabuli_NC_021166.1_30691318	Ca_kabuli_chr07	30691318	[A/C]	1067302530
Ca_Kabuli_NC_021166.1_30691324	Ca_kabuli_chr07	30691324	[A/C]	1067302531
Ca_Kabuli_NC_021166.1_30810082	Ca_kabuli_chr07	30810082	[A/C]	1067302532
Ca_Kabuli_NC_021166.1_30837174	Ca_kabuli_chr07	30837174	[G/C]	1067302533
Ca_Kabuli_NC_021166.1_30837177	Ca_kabuli_chr07	30837177	[T/C]	1067302534
Ca_Kabuli_NC_021166.1_30837208	Ca_kabuli_chr07	30837208	[A/C]	1067302535
Ca_Kabuli_NC_021166.1_30850853	Ca_kabuli_chr07	30850853	[A/C]	1067302536

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_30850944	Ca_kabuli_chr07	30850944	[T/G]	1067302539
Ca_Kabuli_NC_021166.1_30850948	Ca_kabuli_chr07	30850948	[T/C]	1067302540
Ca_Kabuli_NC_021166.1_30850950	Ca_kabuli_chr07	30850950	[A/G]	1067302541
Ca_Kabuli_NC_021166.1_30865517	Ca_kabuli_chr07	30865517	[A/G]	1067302542
Ca_Kabuli_NC_021166.1_31125100	Ca_kabuli_chr07	31125100	[A/G]	1067302543
Ca_Kabuli_NC_021166.1_31189885	Ca_kabuli_chr07	31189885	[A/C]	1067302544
Ca_Kabuli_NC_021166.1_31190189	Ca_kabuli_chr07	31190189	[A/G]	1067302545
Ca_Kabuli_NC_021166.1_31193759	Ca_kabuli_chr07	31193759	[T/A]	1067302546
Ca_Kabuli_NC_021166.1_31193786	Ca_kabuli_chr07	31193786	[T/G]	1067302547
Ca_Kabuli_NC_021166.1_31223945	Ca_kabuli_chr07	31223945	[A/C]	1067302548
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Ca_Kabuli_NC_021166.1_31223962	Ca_kabuli_chr07	31223962	[A/G]	1067302550
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Ca_Kabuli_NC_021166.1_31223972	Ca_kabuli_chr07	31223972	[T/C]	1067302552
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Ca_Kabuli_NC_021166.1_31455929	Ca_kabuli_chr07	31455929	[A/C]	1067302560
Ca_Kabuli_NC_021166.1_31457384	Ca_kabuli_chr07	31457384	[T/G]	1067302561
Ca_Kabuli_NC_021166.1_31612869	Ca_kabuli_chr07	31612869	[A/C]	1067302562
Ca_Kabuli_NC_021166.1_31635342	Ca_kabuli_chr07	31635342	[T/A]	1067302563
Ca_Kabuli_NC_021166.1_31639713	Ca_kabuli_chr07	31639713	[A/T]	1067302564
Ca_Kabuli_NC_021166.1_31759065	Ca_kabuli_chr07	31759065	[C/T]	1067302565
Ca_Kabuli_NC_021166.1_31759066	Ca_kabuli_chr07	31759066	[T/C]	1067302566
Ca_Kabuli_NC_021166.1_31804031	Ca_kabuli_chr07	31804031	[T/C]	1067302567
Ca_Kabuli_NC_021166.1_31806328	Ca_kabuli_chr07	31806328	[T/G]	1067302568
Ca_Kabuli_NC_021166.1_31825708	Ca_kabuli_chr07	31825708	[A/T]	1067302569
Ca_Kabuli_NC_021166.1_31825725	Ca_kabuli_chr07	31825725	[T/G]	1067302570

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_31851053	Ca_kabuli_chr07	31851053	[T/G]	1067302573
Ca_Kabuli_NC_021166.1_31851073	Ca_kabuli_chr07	31851073	[A/C]	1067302574
Ca_Kabuli_NC_021166.1_31867530	Ca_kabuli_chr07	31867530	[T/A]	1067302575
Ca_Kabuli_NC_021166.1_31867539	Ca_kabuli_chr07	31867539	[T/C]	1067302576
Ca_Kabuli_NC_021166.1_31867563	Ca_kabuli_chr07	31867563	[A/T]	1067302577
Ca_Kabuli_NC_021166.1_31873070	Ca_kabuli_chr07	31873070	[C/T]	1067302578
Ca_Kabuli_NC_021166.1_31873091	Ca_kabuli_chr07	31873091	[G/A]	1067302579
Ca_Kabuli_NC_021166.1_31881426	Ca_kabuli_chr07	31881426	[T/G]	1067302580
Ca_Kabuli_NC_021166.1_31934109	Ca_kabuli_chr07	31934109	[A/C]	1067302581
Ca_Kabuli_NC_021166.1_31960453	Ca_kabuli_chr07	31960453	[C/A]	1067302582
Ca_Kabuli_NC_021166.1_31994751	Ca_kabuli_chr07	31994751	[T/G]	1067302583
Ca_Kabuli_NC_021166.1_32242973	Ca_kabuli_chr07	32242973	[A/T]	1067302584
Ca_Kabuli_NC_021166.1_32242987	Ca_kabuli_chr07	32242987	[T/C]	1067302585
Ca_Kabuli_NC_021166.1_32271017	Ca_kabuli_chr07	32271017	[T/C]	1067302586
Ca_Kabuli_NC_021166.1_32271030	Ca_kabuli_chr07	32271030	[A/C]	1067302587
Ca_Kabuli_NC_021166.1_32274245	Ca_kabuli_chr07	32274245	[T/G]	1067302588
Ca_Kabuli_NC_021166.1_32288770	Ca_kabuli_chr07	32288770	[A/T]	1067302589
Ca_Kabuli_NC_021166.1_32309392	Ca_kabuli_chr07	32309392	[G/T]	1067302590
Ca_Kabuli_NC_021166.1_32309394	Ca_kabuli_chr07	32309394	[A/T]	1067302591
Ca_Kabuli_NC_021166.1_32309397	Ca_kabuli_chr07	32309397	[T/A]	1067302592
Ca_Kabuli_NC_021166.1_32373621	Ca_kabuli_chr07	32373621	[T/A]	1067302593
Ca_Kabuli_NC_021166.1_32373720	Ca_kabuli_chr07	32373720	[T/A]	1067302594
Ca_Kabuli_NC_021166.1_32374194	Ca_kabuli_chr07	32374194	[T/G]	1067302595
Ca_Kabuli_NC_021166.1_32382954	Ca_kabuli_chr07	32382954	[T/A]	1067302596
Ca_Kabuli_NC_021166.1_32406152	Ca_kabuli_chr07	32406152	[C/A]	1067302597
Ca_Kabuli_NC_021166.1_32406153	Ca_kabuli_chr07	32406153	[T/G]	1067302598
Ca_Kabuli_NC_021166.1_32406154	Ca_kabuli_chr07	32406154	[T/A]	1067302599
Ca_Kabuli_NC_021166.1_32406155	Ca_kabuli_chr07	32406155	[C/T]	1067302600
Ca_Kabuli_NC_021166.1_32448458	Ca_kabuli_chr07	32448458	[T/C]	1067302601
Ca_Kabuli_NC_021166.1_32448477	Ca_kabuli_chr07	32448477	[A/G]	1067302602
Ca_Kabuli_NC_021166.1_32522201	Ca_kabuli_chr07	32522201	[A/G]	1067302603
Ca_Kabuli_NC_021166.1_32522203	Ca_kabuli_chr07	32522203	[A/G]	1067302604

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_32522213	Ca_kabuli_chr07	32522213	[A/G]	1067302606
Ca_Kabuli_NC_021166.1_32522225	Ca_kabuli_chr07	32522225	[C/A]	1067302607
Ca_Kabuli_NC_021166.1_32522230	Ca_kabuli_chr07	32522230	[T/G]	1067302608
Ca_Kabuli_NC_021166.1_32522286	Ca_kabuli_chr07	32522286	[G/A]	1067302609
Ca_Kabuli_NC_021166.1_32522288	Ca_kabuli_chr07	32522288	[T/A]	1067302610
Ca_Kabuli_NC_021166.1_32753333	Ca_kabuli_chr07	32753333	[A/C]	1067302611
Ca_Kabuli_NC_021166.1_32754651	Ca_kabuli_chr07	32754651	[T/G]	1067302612
Ca_Kabuli_NC_021166.1_32755197	Ca_kabuli_chr07	32755197	[T/C]	1067302613
Ca_Kabuli_NC_021166.1_32755204	Ca_kabuli_chr07	32755204	[A/T]	1067302614
Ca_Kabuli_NC_021166.1_32755652	Ca_kabuli_chr07	32755652	[A/T]	1067302615
Ca_Kabuli_NC_021166.1_32758678	Ca_kabuli_chr07	32758678	[A/C]	1067302616
Ca_Kabuli_NC_021166.1_32782151	Ca_kabuli_chr07	32782151	[C/A]	1067302617
Ca_Kabuli_NC_021166.1_32782823	Ca_kabuli_chr07	32782823	[G/A]	1067302618
Ca_Kabuli_NC_021166.1_32784679	Ca_kabuli_chr07	32784679	[A/C]	1067302619
Ca_Kabuli_NC_021166.1_32784845	Ca_kabuli_chr07	32784845	[A/T]	1067302620
Ca_Kabuli_NC_021166.1_32784867	Ca_kabuli_chr07	32784867	[A/C]	1067302621
Ca_Kabuli_NC_021166.1_32784883	Ca_kabuli_chr07	32784883	[T/C]	1067302622
Ca_Kabuli_NC_021166.1_32784908	Ca_kabuli_chr07	32784908	[C/A]	1067302623
Ca_Kabuli_NC_021166.1_32784911	Ca_kabuli_chr07	32784911	[A/T]	1067302624
Ca_Kabuli_NC_021166.1_32784913	Ca_kabuli_chr07	32784913	[G/C]	1067302625
Ca_Kabuli_NC_021166.1_32784916	Ca_kabuli_chr07	32784916	[A/C]	1067302626
Ca_Kabuli_NC_021166.1_32784919	Ca_kabuli_chr07	32784919	[G/C]	1067302627
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Ca_Kabuli_NC_021166.1_32784948	Ca_kabuli_chr07	32784948	[T/G]	1067302629
Ca_Kabuli_NC_021166.1_32785429	Ca_kabuli_chr07	32785429	[G/A]	1067302630
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Ca_Kabuli_NC_021166.1_32840275	Ca_kabuli_chr07	32840275	[C/A]	1067302632
Ca_Kabuli_NC_021166.1_32875845	Ca_kabuli_chr07	32875845	[A/G]	1067302633
Ca_Kabuli_NC_021166.1_32875857	Ca_kabuli_chr07	32875857	[A/G]	1067302634
Ca_Kabuli_NC_021166.1_32875896	Ca_kabuli_chr07	32875896	[T/C]	1067302635
Ca_Kabuli_NC_021166.1_32875905	Ca_kabuli_chr07	32875905	[T/C]	1067302636
Ca_Kabuli_NC_021166.1_32942234	Ca_kabuli_chr07	32942234	[T/C]	1067302637
Ca_Kabuli_NC_021166.1_32942252	Ca_kabuli_chr07	32942252	[T/C]	1067302638



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_32943082	Ca_kabuli_chr07	32943082	[T/G]	1067302641
Ca_Kabuli_NC_021166.1_32943085	Ca_kabuli_chr07	32943085	[A/G]	1067302642
Ca_Kabuli_NC_021166.1_32943087	Ca_kabuli_chr07	32943087	[T/G]	1067302643
Ca_Kabuli_NC_021166.1_32943099	Ca_kabuli_chr07	32943099	[T/G]	1067302644
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Ca_Kabuli_NC_021166.1_32989838	Ca_kabuli_chr07	32989838	[T/C]	1067302646
Ca_Kabuli_NC_021166.1_32989902	Ca_kabuli_chr07	32989902	[A/C]	1067302647
Ca_Kabuli_NC_021166.1_32989903	Ca_kabuli_chr07	32989903	[G/A]	1067302648
Ca_Kabuli_NC_021166.1_33006955	Ca_kabuli_chr07	33006955	[C/T]	1067302649
Ca_Kabuli_NC_021166.1_33026150	Ca_kabuli_chr07	33026150	[G/T]	1067302650
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Ca_Kabuli_NC_021166.1_33099276	Ca_kabuli_chr07	33099276	[C/A]	1067302652
Ca_Kabuli_NC_021166.1_33099299	Ca_kabuli_chr07	33099299	[T/C]	1067302653
Ca_Kabuli_NC_021166.1_33099304	Ca_kabuli_chr07	33099304	[C/T]	1067302654
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Ca_Kabuli_NC_021166.1_33121705	Ca_kabuli_chr07	33121705	[A/G]	1067302659
Ca_Kabuli_NC_021166.1_33122490	Ca_kabuli_chr07	33122490	[G/A]	1067302660
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Ca_Kabuli_NC_021166.1_33140097	Ca_kabuli_chr07	33140097	[C/T]	1067302662
Ca_Kabuli_NC_021166.1_33182852	Ca_kabuli_chr07	33182852	[T/G]	1067302663
Ca_Kabuli_NC_021166.1_33182945	Ca_kabuli_chr07	33182945	[A/T]	1067302664
Ca_Kabuli_NC_021166.1_33184628	Ca_kabuli_chr07	33184628	[A/G]	1067302665
Ca_Kabuli_NC_021166.1_33184633	Ca_kabuli_chr07	33184633	[T/A]	1067302666
Ca_Kabuli_NC_021166.1_33184651	Ca_kabuli_chr07	33184651	[A/C]	1067302667
Ca_Kabuli_NC_021166.1_33184662	Ca_kabuli_chr07	33184662	[T/C]	1067302668
Ca_Kabuli_NC_021166.1_33225199	Ca_kabuli_chr07	33225199	[T/G]	1067302669
Ca_Kabuli_NC_021166.1_33262993	Ca_kabuli_chr07	33262993	[G/A]	1067302670
Ca_Kabuli_NC_021166.1_33267485	Ca_kabuli_chr07	33267485	[C/T]	1067302671
Ca_Kabuli_NC_021166.1_33267496	Ca_kabuli_chr07	33267496	[A/T]	1067302672

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_33358925	Ca_kabuli_chr07	33358925	[T/C]	1067302675
Ca_Kabuli_NC_021166.1_33359436	Ca_kabuli_chr07	33359436	[T/C]	1067302676
Ca_Kabuli_NC_021166.1_33359628	Ca_kabuli_chr07	33359628	[C/G]	1067302677
Ca_Kabuli_NC_021166.1_33359629	Ca_kabuli_chr07	33359629	[A/G]	1067302678
Ca_Kabuli_NC_021166.1_33364354	Ca_kabuli_chr07	33364354	[A/G]	1067302679
Ca_Kabuli_NC_021166.1_33376787	Ca_kabuli_chr07	33376787	[T/C]	1067302680
Ca_Kabuli_NC_021166.1_33376820	Ca_kabuli_chr07	33376820	[A/G]	1067302681
Ca_Kabuli_NC_021166.1_33377387	Ca_kabuli_chr07	33377387	[T/G]	1067302682
Ca_Kabuli_NC_021166.1_33377388	Ca_kabuli_chr07	33377388	[A/T]	1067302683
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Ca_Kabuli_NC_021166.1_33378427	Ca_kabuli_chr07	33378427	[T/C]	1067302685
Ca_Kabuli_NC_021166.1_33379819	Ca_kabuli_chr07	33379819	[T/C]	1067302686
Ca_Kabuli_NC_021166.1_33379831	Ca_kabuli_chr07	33379831	[T/C]	1067302687
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Ca_Kabuli_NC_021166.1_33411746	Ca_kabuli_chr07	33411746	[A/C]	1067302692
Ca_Kabuli_NC_021166.1_33460918	Ca_kabuli_chr07	33460918	[A/G]	1067302693
Ca_Kabuli_NC_021166.1_33461168	Ca_kabuli_chr07	33461168	[C/A]	1067302694
Ca_Kabuli_NC_021166.1_33463300	Ca_kabuli_chr07	33463300	[G/C]	1067302695
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Ca_Kabuli_NC_021166.1_33468732	Ca_kabuli_chr07	33468732	[A/G]	1067302699
Ca_Kabuli_NC_021166.1_33471186	Ca_kabuli_chr07	33471186	[C/A]	1067302700
Ca_Kabuli_NC_021166.1_33480940	Ca_kabuli_chr07	33480940	[T/C]	1067302701
Ca_Kabuli_NC_021166.1_33481106	Ca_kabuli_chr07	33481106	[A/C]	1067302702
Ca_Kabuli_NC_021166.1_33481135	Ca_kabuli_chr07	33481135	[G/C]	1067302703
Ca_Kabuli_NC_021166.1_33518396	Ca_kabuli_chr07	33518396	[A/C]	1067302704
Ca_Kabuli_NC_021166.1_33573605	Ca_kabuli_chr07	33573605	[C/T]	1067302705
Ca_Kabuli_NC_021166.1_33573655	Ca_kabuli_chr07	33573655	[A/C]	1067302706

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_33641675	Ca_kabuli_chr07	33641675	[A/G]	1067302709
Ca_Kabuli_NC_021166.1_33641689	Ca_kabuli_chr07	33641689	[T/C]	1067302710
Ca_Kabuli_NC_021166.1_33641728	Ca_kabuli_chr07	33641728	[T/C]	1067302711
Ca_Kabuli_NC_021166.1_33641799	Ca_kabuli_chr07	33641799	[T/G]	1067302712
Ca_Kabuli_NC_021166.1_33641882	Ca_kabuli_chr07	33641882	[A/T]	1067302713
Ca_Kabuli_NC_021166.1_33674454	Ca_kabuli_chr07	33674454	[C/T]	1067302714
Ca_Kabuli_NC_021166.1_33674838	Ca_kabuli_chr07	33674838	[C/T]	1067302715
Ca_Kabuli_NC_021166.1_33740809	Ca_kabuli_chr07	33740809	[A/G]	1067302716
Ca_Kabuli_NC_021166.1_33750773	Ca_kabuli_chr07	33750773	[A/T]	1067302717
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Ca_Kabuli_NC_021166.1_33753917	Ca_kabuli_chr07	33753917	[A/G]	1067302719
Ca_Kabuli_NC_021166.1_33761944	Ca_kabuli_chr07	33761944	[A/G]	1067302720
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Ca_Kabuli_NC_021166.1_33809459	Ca_kabuli_chr07	33809459	[A/G]	1067302722
Ca_Kabuli_NC_021166.1_33835856	Ca_kabuli_chr07	33835856	[G/A]	1067302723
Ca_Kabuli_NC_021166.1_33865589	Ca_kabuli_chr07	33865589	[C/G]	1067302724
Ca_Kabuli_NC_021166.1_33867334	Ca_kabuli_chr07	33867334	[C/T]	1067302725
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Ca_Kabuli_NC_021166.1_33868148	Ca_kabuli_chr07	33868148	[C/T]	1067302728
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Ca_Kabuli_NC_021166.1_33869402	Ca_kabuli_chr07	33869402	[G/T]	1067302732
Ca_Kabuli_NC_021166.1_33869404	Ca_kabuli_chr07	33869404	[T/C]	1067302733
Ca_Kabuli_NC_021166.1_33869412	Ca_kabuli_chr07	33869412	[A/G]	1067302734
Ca_Kabuli_NC_021166.1_33869423	Ca_kabuli_chr07	33869423	[T/C]	1067302735
Ca_Kabuli_NC_021166.1_33879017	Ca_kabuli_chr07	33879017	[T/A]	1067302736
Ca_Kabuli_NC_021166.1_33890956	Ca_kabuli_chr07	33890956	[A/C]	1067302737
Ca_Kabuli_NC_021166.1_33910873	Ca_kabuli_chr07	33910873	[A/G]	1067302738
Ca_Kabuli_NC_021166.1_33910883	Ca_kabuli_chr07	33910883	[A/T]	1067302739
Ca_Kabuli_NC_021166.1_33910925	Ca_kabuli_chr07	33910925	[A/G]	1067302740

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_33912896	Ca_kabuli_chr07	33912896	[T/A]	1067302743
Ca_Kabuli_NC_021166.1_33912899	Ca_kabuli_chr07	33912899	[A/T]	1067302744
Ca_Kabuli_NC_021166.1_33912902	Ca_kabuli_chr07	33912902	[A/T]	1067302745
Ca_Kabuli_NC_021166.1_33912913	Ca_kabuli_chr07	33912913	[A/T]	1067302746
Ca_Kabuli_NC_021166.1_33912916	Ca_kabuli_chr07	33912916	[G/T]	1067302747
Ca_Kabuli_NC_021166.1_33912921	Ca_kabuli_chr07	33912921	[T/G]	1067302748
Ca_Kabuli_NC_021166.1_34139693	Ca_kabuli_chr07	34139693	[T/C]	1067302749
Ca_Kabuli_NC_021166.1_34145280	Ca_kabuli_chr07	34145280	[T/G]	1067302750
Ca_Kabuli_NC_021166.1_34146467	Ca_kabuli_chr07	34146467	[C/A]	1067302751
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Ca_Kabuli_NC_021166.1_34146471	Ca_kabuli_chr07	34146471	[A/C]	1067302754
Ca_Kabuli_NC_021166.1_34146873	Ca_kabuli_chr07	34146873	[A/G]	1067302755
Ca_Kabuli_NC_021166.1_34146935	Ca_kabuli_chr07	34146935	[T/C]	1067302756
Ca_Kabuli_NC_021166.1_34147313	Ca_kabuli_chr07	34147313	[T/G]	1067302757
Ca_Kabuli_NC_021166.1_34152655	Ca_kabuli_chr07	34152655	[G/C]	1067302758
Ca_Kabuli_NC_021166.1_34152720	Ca_kabuli_chr07	34152720	[G/T]	1067302759
Ca_Kabuli_NC_021166.1_34193321	Ca_kabuli_chr07	34193321	[A/C]	1067302760
Ca_Kabuli_NC_021166.1_34196923	Ca_kabuli_chr07	34196923	[T/G]	1067302761
Ca_Kabuli_NC_021166.1_34196938	Ca_kabuli_chr07	34196938	[T/A]	1067302762
Ca_Kabuli_NC_021166.1_34208319	Ca_kabuli_chr07	34208319	[A/G]	1067302763
Ca_Kabuli_NC_021166.1_34235506	Ca_kabuli_chr07	34235506	[C/A]	1067302764
Ca_Kabuli_NC_021166.1_34235530	Ca_kabuli_chr07	34235530	[G/C]	1067302765
Ca_Kabuli_NC_021166.1_34277010	Ca_kabuli_chr07	34277010	[A/G]	1067302766
Ca_Kabuli_NC_021166.1_34277014	Ca_kabuli_chr07	34277014	[G/T]	1067302767
Ca_Kabuli_NC_021166.1_34279357	Ca_kabuli_chr07	34279357	[T/G]	1067302768
Ca_Kabuli_NC_021166.1_34279715	Ca_kabuli_chr07	34279715	[C/A]	1067302769
Ca_Kabuli_NC_021166.1_34279725	Ca_kabuli_chr07	34279725	[G/A]	1067302770
Ca_Kabuli_NC_021166.1_34318860	Ca_kabuli_chr07	34318860	[T/C]	1067302771
Ca_Kabuli_NC_021166.1_34318862	Ca_kabuli_chr07	34318862	[G/A]	1067302772
Ca_Kabuli_NC_021166.1_34376080	Ca_kabuli_chr07	34376080	[T/A]	1067302773
Ca_Kabuli_NC_021166.1_34474614	Ca_kabuli_chr07	34474614	[A/C]	1067302774

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_34808498	Ca_kabuli_chr07	34808498	[G/A]	1067302776
Ca_Kabuli_NC_021166.1_34857654	Ca_kabuli_chr07	34857654	[G/T]	1067302777
Ca_Kabuli_NC_021166.1_34875605	Ca_kabuli_chr07	34875605	[A/T]	1067302778
Ca_Kabuli_NC_021166.1_34875630	Ca_kabuli_chr07	34875630	[A/T]	1067302779
Ca_Kabuli_NC_021166.1_34894278	Ca_kabuli_chr07	34894278	[A/C]	1067302780
Ca_Kabuli_NC_021166.1_34947544	Ca_kabuli_chr07	34947544	[A/C]	1067302781
Ca_Kabuli_NC_021166.1_34947545	Ca_kabuli_chr07	34947545	[C/A]	1067302782
Ca_Kabuli_NC_021166.1_35037530	Ca_kabuli_chr07	35037530	[T/C]	1067302783
Ca_Kabuli_NC_021166.1_35037583	Ca_kabuli_chr07	35037583	[A/T]	1067302784
Ca_Kabuli_NC_021166.1_35037616	Ca_kabuli_chr07	35037616	[A/G]	1067302785
Ca_Kabuli_NC_021166.1_35037644	Ca_kabuli_chr07	35037644	[C/T]	1067302786
Ca_Kabuli_NC_021166.1_35038242	Ca_kabuli_chr07	35038242	[T/C]	1067302787
Ca_Kabuli_NC_021166.1_35038263	Ca_kabuli_chr07	35038263	[A/C]	1067302788
Ca_Kabuli_NC_021166.1_35057540	Ca_kabuli_chr07	35057540	[A/G]	1067302789
Ca_Kabuli_NC_021166.1_35112785	Ca_kabuli_chr07	35112785	[C/T]	1067302790
Ca_Kabuli_NC_021166.1_35112935	Ca_kabuli_chr07	35112935	[A/C]	1067302791
Ca_Kabuli_NC_021166.1_35114075	Ca_kabuli_chr07	35114075	[A/C]	1067302792
Ca_Kabuli_NC_021166.1_35134752	Ca_kabuli_chr07	35134752	[A/C]	1067302793
Ca_Kabuli_NC_021166.1_35134809	Ca_kabuli_chr07	35134809	[A/C]	1067302794
Ca_Kabuli_NC_021166.1_35134816	Ca_kabuli_chr07	35134816	[A/C]	1067302795
Ca_Kabuli_NC_021166.1_35134868	Ca_kabuli_chr07	35134868	[A/G]	1067302796
Ca_Kabuli_NC_021166.1_35134887	Ca_kabuli_chr07	35134887	[T/A]	1067302797
Ca_Kabuli_NC_021166.1_35134894	Ca_kabuli_chr07	35134894	[T/G]	1067302798
Ca_Kabuli_NC_021166.1_35181514	Ca_kabuli_chr07	35181514	[A/T]	1067302799
Ca_Kabuli_NC_021166.1_35181660	Ca_kabuli_chr07	35181660	[A/G]	1067302800
Ca_Kabuli_NC_021166.1_35181661	Ca_kabuli_chr07	35181661	[C/T]	1067302801
Ca_Kabuli_NC_021166.1_35181884	Ca_kabuli_chr07	35181884	[G/A]	1067302802
Ca_Kabuli_NC_021166.1_35220113	Ca_kabuli_chr07	35220113	[C/A]	1067302803
Ca_Kabuli_NC_021166.1_35227794	Ca_kabuli_chr07	35227794	[C/A]	1067302804
Ca_Kabuli_NC_021166.1_35239021	Ca_kabuli_chr07	35239021	[A/G]	1067302805
Ca_Kabuli_NC_021166.1_35239116	Ca_kabuli_chr07	35239116	[C/T]	1067302806
Ca_Kabuli_NC_021166.1_35239702	Ca_kabuli_chr07	35239702	[T/C]	1067302807
Ca_Kabuli_NC_021166.1_35241171	Ca_kabuli_chr07	35241171	[A/T]	1067302808

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_35263711	Ca_kabuli_chr07	35263711	[A/T]	1067302811
Ca_Kabuli_NC_021166.1_35263712	Ca_kabuli_chr07	35263712	[G/T]	1067302812
Ca_Kabuli_NC_021166.1_35263736	Ca_kabuli_chr07	35263736	[C/G]	1067302813
Ca_Kabuli_NC_021166.1_35263758	Ca_kabuli_chr07	35263758	[A/G]	1067302814
Ca_Kabuli_NC_021166.1_35274680	Ca_kabuli_chr07	35274680	[A/G]	1067302815
Ca_Kabuli_NC_021166.1_35274858	Ca_kabuli_chr07	35274858	[A/G]	1067302816
Ca_Kabuli_NC_021166.1_35274859	Ca_kabuli_chr07	35274859	[G/T]	1067302817
Ca_Kabuli_NC_021166.1_35278840	Ca_kabuli_chr07	35278840	[T/C]	1067302818
Ca_Kabuli_NC_021166.1_35280018	Ca_kabuli_chr07	35280018	[C/A]	1067302819
Ca_Kabuli_NC_021166.1_35280031	Ca_kabuli_chr07	35280031	[A/C]	1067302820
Ca_Kabuli_NC_021166.1_35280174	Ca_kabuli_chr07	35280174	[T/G]	1067302821
Ca_Kabuli_NC_021166.1_35337101	Ca_kabuli_chr07	35337101	[A/T]	1067302822
Ca_Kabuli_NC_021166.1_35339078	Ca_kabuli_chr07	35339078	[C/T]	1067302823
Ca_Kabuli_NC_021166.1_35340960	Ca_kabuli_chr07	35340960	[A/G]	1067302824
Ca_Kabuli_NC_021166.1_35342149	Ca_kabuli_chr07	35342149	[T/C]	1067302825
Ca_Kabuli_NC_021166.1_35342151	Ca_kabuli_chr07	35342151	[A/G]	1067302826
Ca_Kabuli_NC_021166.1_35342159	Ca_kabuli_chr07	35342159	[A/C]	1067302827
Ca_Kabuli_NC_021166.1_35342174	Ca_kabuli_chr07	35342174	[A/C]	1067302828
Ca_Kabuli_NC_021166.1_35342193	Ca_kabuli_chr07	35342193	[T/C]	1067302829
Ca_Kabuli_NC_021166.1_35342258	Ca_kabuli_chr07	35342258	[C/A]	1067302830
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Ca_Kabuli_NC_021166.1_35518091	Ca_kabuli_chr07	35518091	[T/C]	1067302832
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Ca_Kabuli_NC_021166.1_35679419	Ca_kabuli_chr07	35679419	[A/G]	1067302835
Ca_Kabuli_NC_021166.1_35679425	Ca_kabuli_chr07	35679425	[T/C]	1067302836
Ca_Kabuli_NC_021166.1_35680423	Ca_kabuli_chr07	35680423	[A/C]	1067302837
Ca_Kabuli_NC_021166.1_35680438	Ca_kabuli_chr07	35680438	[A/T]	1067302838
Ca_Kabuli_NC_021166.1_35796837	Ca_kabuli_chr07	35796837	[T/A]	1067302839
Ca_Kabuli_NC_021166.1_35812930	Ca_kabuli_chr07	35812930	[A/T]	1067302840
Ca_Kabuli_NC_021166.1_35812973	Ca_kabuli_chr07	35812973	[A/G]	1067302841
Ca_Kabuli_NC_021166.1_35812980	Ca_kabuli_chr07	35812980	[T/C]	1067302842

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_35871945	Ca_kabuli_chr07	35871945	[G/A]	1067302845
Ca_Kabuli_NC_021166.1_35871946	Ca_kabuli_chr07	35871946	[G/A]	1067302846
Ca_Kabuli_NC_021166.1_35882441	Ca_kabuli_chr07	35882441	[A/C]	1067302847
Ca_Kabuli_NC_021166.1_35906524	Ca_kabuli_chr07	35906524	[A/G]	1067302848
Ca_Kabuli_NC_021166.1_35911617	Ca_kabuli_chr07	35911617	[A/T]	1067302849
Ca_Kabuli_NC_021166.1_35911618	Ca_kabuli_chr07	35911618	[T/C]	1067302850
Ca_Kabuli_NC_021166.1_35911640	Ca_kabuli_chr07	35911640	[C/T]	1067302851
Ca_Kabuli_NC_021166.1_35936571	Ca_kabuli_chr07	35936571	[A/T]	1067302852
Ca_Kabuli_NC_021166.1_36003795	Ca_kabuli_chr07	36003795	[T/C]	1067302853
Ca_Kabuli_NC_021166.1_36100165	Ca_kabuli_chr07	36100165	[A/G]	1067302854
Ca_Kabuli_NC_021166.1_36217274	Ca_kabuli_chr07	36217274	[T/C]	1067302855
Ca_Kabuli_NC_021166.1_36410034	Ca_kabuli_chr07	36410034	[A/G]	1067302856
Ca_Kabuli_NC_021166.1_36410038	Ca_kabuli_chr07	36410038	[A/C]	1067302857
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Ca_Kabuli_NC_021166.1_36709445	Ca_kabuli_chr07	36709445	[A/G]	1067302859
Ca_Kabuli_NC_021166.1_36709493	Ca_kabuli_chr07	36709493	[C/T]	1067302860
Ca_Kabuli_NC_021166.1_36709495	Ca_kabuli_chr07	36709495	[T/C]	1067302861
Ca_Kabuli_NC_021166.1_36709527	Ca_kabuli_chr07	36709527	[A/T]	1067302862
Ca_Kabuli_NC_021166.1_36709533	Ca_kabuli_chr07	36709533	[T/C]	1067302863
Ca_Kabuli_NC_021166.1_36710055	Ca_kabuli_chr07	36710055	[T/C]	1067302864
Ca_Kabuli_NC_021166.1_36710085	Ca_kabuli_chr07	36710085	[T/G]	1067302865
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Ca_Kabuli_NC_021166.1_36713851	Ca_kabuli_chr07	36713851	[A/T]	1067302869
Ca_Kabuli_NC_021166.1_36713871	Ca_kabuli_chr07	36713871	[A/G]	1067302870
Ca_Kabuli_NC_021166.1_36713875	Ca_kabuli_chr07	36713875	[A/G]	1067302871
Ca_Kabuli_NC_021166.1_36713913	Ca_kabuli_chr07	36713913	[G/T]	1067302872
Ca_Kabuli_NC_021166.1_36788364	Ca_kabuli_chr07	36788364	[A/G]	1067302873
Ca_Kabuli_NC_021166.1_36810534	Ca_kabuli_chr07	36810534	[A/C]	1067302874
Ca_Kabuli_NC_021166.1_36855845	Ca_kabuli_chr07	36855845	[T/A]	1067302875
Ca_Kabuli_NC_021166.1_36855926	Ca_kabuli_chr07	36855926	[A/G]	1067302876

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_36922219	Ca_kabuli_chr07	36922219	[T/G]	1067302879
Ca_Kabuli_NC_021166.1_36935003	Ca_kabuli_chr07	36935003	[C/G]	1067302880
Ca_Kabuli_NC_021166.1_36998096	Ca_kabuli_chr07	36998096	[T/C]	1067302881
Ca_Kabuli_NC_021166.1_37025057	Ca_kabuli_chr07	37025057	[T/G]	1067302882
Ca_Kabuli_NC_021166.1_37058940	Ca_kabuli_chr07	37058940	[T/A]	1067302883
Ca_Kabuli_NC_021166.1_37059029	Ca_kabuli_chr07	37059029	[A/C]	1067302884
Ca_Kabuli_NC_021166.1_37626805	Ca_kabuli_chr07	37626805	[A/G]	1067302885
Ca_Kabuli_NC_021166.1_37626809	Ca_kabuli_chr07	37626809	[T/A]	1067302886
Ca_Kabuli_NC_021166.1_37672200	Ca_kabuli_chr07	37672200	[T/C]	1067302887
Ca_Kabuli_NC_021166.1_37672202	Ca_kabuli_chr07	37672202	[T/C]	1067302888
Ca_Kabuli_NC_021166.1_37672209	Ca_kabuli_chr07	37672209	[T/C]	1067302889
Ca_Kabuli_NC_021166.1_37672245	Ca_kabuli_chr07	37672245	[T/C]	1067302890
Ca_Kabuli_NC_021166.1_37684396	Ca_kabuli_chr07	37684396	[C/A]	1067302891
Ca_Kabuli_NC_021166.1_37687101	Ca_kabuli_chr07	37687101	[T/G]	1067302892
Ca_Kabuli_NC_021166.1_37886451	Ca_kabuli_chr07	37886451	[A/T]	1067302893
Ca_Kabuli_NC_021166.1_37965743	Ca_kabuli_chr07	37965743	[A/C]	1067302894
Ca_Kabuli_NC_021166.1_38001887	Ca_kabuli_chr07	38001887	[T/C]	1067302895
Ca_Kabuli_NC_021166.1_38001896	Ca_kabuli_chr07	38001896	[A/G]	1067302896
Ca_Kabuli_NC_021166.1_38001929	Ca_kabuli_chr07	38001929	[A/G]	1067302897
Ca_Kabuli_NC_021166.1_38135360	Ca_kabuli_chr07	38135360	[A/C]	1067302898
Ca_Kabuli_NC_021166.1_38143361	Ca_kabuli_chr07	38143361	[G/A]	1067302899
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Ca_Kabuli_NC_021166.1_38150928	Ca_kabuli_chr07	38150928	[A/G]	1067302901
Ca_Kabuli_NC_021166.1_38238608	Ca_kabuli_chr07	38238608	[T/G]	1067302902
Ca_Kabuli_NC_021166.1_38283909	Ca_kabuli_chr07	38283909	[C/T]	1067302903
Ca_Kabuli_NC_021166.1_38409102	Ca_kabuli_chr07	38409102	[A/T]	1067302904
Ca_Kabuli_NC_021166.1_38431504	Ca_kabuli_chr07	38431504	[T/A]	1067302905
Ca_Kabuli_NC_021166.1_38592283	Ca_kabuli_chr07	38592283	[G/C]	1067302906
Ca_Kabuli_NC_021166.1_38592284	Ca_kabuli_chr07	38592284	[G/T]	1067302907
Ca_Kabuli_NC_021166.1_38772627	Ca_kabuli_chr07	38772627	[G/T]	1067302908
Ca_Kabuli_NC_021166.1_38821803	Ca_kabuli_chr07	38821803	[G/T]	1067302909
Ca_Kabuli_NC_021166.1_38821812	Ca_kabuli_chr07	38821812	[T/G]	1067302910



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_39182533	Ca_kabuli_chr07	39182533	[T/G]	1067302913
Ca_Kabuli_NC_021166.1_39185403	Ca_kabuli_chr07	39185403	[T/G]	1067302914
Ca_Kabuli_NC_021166.1_39214268	Ca_kabuli_chr07	39214268	[C/A]	1067302915
Ca_Kabuli_NC_021166.1_39214269	Ca_kabuli_chr07	39214269	[T/G]	1067302916
Ca_Kabuli_NC_021166.1_39214270	Ca_kabuli_chr07	39214270	[G/A]	1067302917
Ca_Kabuli_NC_021166.1_39214271	Ca_kabuli_chr07	39214271	[A/T]	1067302918
Ca_Kabuli_NC_021166.1_39214272	Ca_kabuli_chr07	39214272	[T/C]	1067302919
Ca_Kabuli_NC_021166.1_39215293	Ca_kabuli_chr07	39215293	[A/C]	1067302920
Ca_Kabuli_NC_021166.1_39218870	Ca_kabuli_chr07	39218870	[T/G]	1067302921
Ca_Kabuli_NC_021166.1_39218902	Ca_kabuli_chr07	39218902	[A/G]	1067302922
Ca_Kabuli_NC_021166.1_39235233	Ca_kabuli_chr07	39235233	[A/G]	1067302923
Ca_Kabuli_NC_021166.1_39235256	Ca_kabuli_chr07	39235256	[A/C]	1067302924
Ca_Kabuli_NC_021166.1_39235259	Ca_kabuli_chr07	39235259	[T/C]	1067302925
Ca_Kabuli_NC_021166.1_39235271	Ca_kabuli_chr07	39235271	[A/C]	1067302926
Ca_Kabuli_NC_021166.1_39235277	Ca_kabuli_chr07	39235277	[T/A]	1067302927
Ca_Kabuli_NC_021166.1_39235283	Ca_kabuli_chr07	39235283	[T/C]	1067302928
Ca_Kabuli_NC_021166.1_39339502	Ca_kabuli_chr07	39339502	[C/A]	1067302929
Ca_Kabuli_NC_021166.1_39339508	Ca_kabuli_chr07	39339508	[G/A]	1067302930
Ca_Kabuli_NC_021166.1_39467351	Ca_kabuli_chr07	39467351	[A/T]	1067302931
Ca_Kabuli_NC_021166.1_39467361	Ca_kabuli_chr07	39467361	[A/C]	1067302932
Ca_Kabuli_NC_021166.1_39467392	Ca_kabuli_chr07	39467392	[A/T]	1067302933
Ca_Kabuli_NC_021166.1_39470615	Ca_kabuli_chr07	39470615	[A/C]	1067302934
Ca_Kabuli_NC_021166.1_39470653	Ca_kabuli_chr07	39470653	[T/C]	1067302935
Ca_Kabuli_NC_021166.1_39534514	Ca_kabuli_chr07	39534514	[T/C]	1067302936
Ca_Kabuli_NC_021166.1_39543936	Ca_kabuli_chr07	39543936	[A/T]	1067302937
Ca_Kabuli_NC_021166.1_39680148	Ca_kabuli_chr07	39680148	[T/C]	1067302938
Ca_Kabuli_NC_021166.1_39680167	Ca_kabuli_chr07	39680167	[A/G]	1067302939
Ca_Kabuli_NC_021166.1_39768140	Ca_kabuli_chr07	39768140	[A/C]	1067302940
Ca_Kabuli_NC_021166.1_39768188	Ca_kabuli_chr07	39768188	[A/C]	1067302941
Ca_Kabuli_NC_021166.1_39944409	Ca_kabuli_chr07	39944409	[A/T]	1067302942
Ca_Kabuli_NC_021166.1_39944414	Ca_kabuli_chr07	39944414	[A/G]	1067302943
Ca_Kabuli_NC_021166.1_39944417	Ca_kabuli_chr07	39944417	[T/C]	1067302944

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_39944462	Ca_kabuli_chr07	39944462	[A/G]	1067302946
Ca_Kabuli_NC_021166.1_39944471	Ca_kabuli_chr07	39944471	[T/C]	1067302947
Ca_Kabuli_NC_021166.1_39944892	Ca_kabuli_chr07	39944892	[T/C]	1067302948
Ca_Kabuli_NC_021166.1_39944915	Ca_kabuli_chr07	39944915	[A/T]	1067302949
Ca_Kabuli_NC_021166.1_39944935	Ca_kabuli_chr07	39944935	[A/G]	1067302950
Ca_Kabuli_NC_021166.1_40170381	Ca_kabuli_chr07	40170381	[T/C]	1067302951
Ca_Kabuli_NC_021166.1_40183398	Ca_kabuli_chr07	40183398	[A/G]	1067302952
Ca_Kabuli_NC_021166.1_40241660	Ca_kabuli_chr07	40241660	[T/G]	1067302953
Ca_Kabuli_NC_021166.1_40243859	Ca_kabuli_chr07	40243859	[A/G]	1067302954
Ca_Kabuli_NC_021166.1_40287221	Ca_kabuli_chr07	40287221	[A/G]	1067302955
Ca_Kabuli_NC_021166.1_40288114	Ca_kabuli_chr07	40288114	[A/G]	1067302956
Ca_Kabuli_NC_021166.1_40305146	Ca_kabuli_chr07	40305146	[T/G]	1067302957
Ca_Kabuli_NC_021166.1_40340134	Ca_kabuli_chr07	40340134	[C/T]	1067302958
Ca_Kabuli_NC_021166.1_40482387	Ca_kabuli_chr07	40482387	[A/G]	1067302959
Ca_Kabuli_NC_021166.1_40482415	Ca_kabuli_chr07	40482415	[A/C]	1067302960
Ca_Kabuli_NC_021166.1_40544297	Ca_kabuli_chr07	40544297	[T/C]	1067302961
Ca_Kabuli_NC_021166.1_40594867	Ca_kabuli_chr07	40594867	[T/G]	1067302962
Ca_Kabuli_NC_021166.1_40692817	Ca_kabuli_chr07	40692817	[C/G]	1067302963
Ca_Kabuli_NC_021166.1_40692822	Ca_kabuli_chr07	40692822	[T/G]	1067302964
Ca_Kabuli_NC_021166.1_41219359	Ca_kabuli_chr07	41219359	[T/G]	1067302965
Ca_Kabuli_NC_021166.1_41325463	Ca_kabuli_chr07	41325463	[A/C]	1067302966
Ca_Kabuli_NC_021166.1_41339710	Ca_kabuli_chr07	41339710	[T/G]	1067302967
Ca_Kabuli_NC_021166.1_41387499	Ca_kabuli_chr07	41387499	[T/C]	1067302968
Ca_Kabuli_NC_021166.1_41387502	Ca_kabuli_chr07	41387502	[A/C]	1067302969
Ca_Kabuli_NC_021166.1_41425049	Ca_kabuli_chr07	41425049	[A/G]	1067302970
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Ca_Kabuli_NC_021166.1_41658915	Ca_kabuli_chr07	41658915	[A/C]	1067302972
Ca_Kabuli_NC_021166.1_41673164	Ca_kabuli_chr07	41673164	[T/G]	1067302973
Ca_Kabuli_NC_021166.1_41673203	Ca_kabuli_chr07	41673203	[A/G]	1067302974
Ca_Kabuli_NC_021166.1_41673207	Ca_kabuli_chr07	41673207	[T/G]	1067302975
Ca_Kabuli_NC_021166.1_41890361	Ca_kabuli_chr07	41890361	[T/G]	1067302976
Ca_Kabuli_NC_021166.1_41890404	Ca_kabuli_chr07	41890404	[G/A]	1067302977
Ca_Kabuli_NC_021166.1_41936373	Ca_kabuli_chr07	41936373	[T/A]	1067302978

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_42106186	Ca_kabuli_chr07	42106186	[C/T]	1067302981
Ca_Kabuli_NC_021166.1_42106190	Ca_kabuli_chr07	42106190	[T/G]	1067302982
Ca_Kabuli_NC_021166.1_42272740	Ca_kabuli_chr07	42272740	[T/G]	1067302983
Ca_Kabuli_NC_021166.1_42272939	Ca_kabuli_chr07	42272939	[G/C]	1067302984
Ca_Kabuli_NC_021166.1_42915851	Ca_kabuli_chr07	42915851	[A/G]	1067302985
Ca_Kabuli_NC_021166.1_42915997	Ca_kabuli_chr07	42915997	[G/T]	1067302986
Ca_Kabuli_NC_021166.1_42916031	Ca_kabuli_chr07	42916031	[T/G]	1067302987
Ca_Kabuli_NC_021166.1_42949489	Ca_kabuli_chr07	42949489	[A/G]	1067302988
Ca_Kabuli_NC_021166.1_42949492	Ca_kabuli_chr07	42949492	[A/G]	1067302989
Ca_Kabuli_NC_021166.1_42949497	Ca_kabuli_chr07	42949497	[T/G]	1067302990
Ca_Kabuli_NC_021166.1_42949509	Ca_kabuli_chr07	42949509	[T/G]	1067302991
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Ca_Kabuli_NC_021166.1_43119085	Ca_kabuli_chr07	43119085	[T/C]	1067302995
Ca_Kabuli_NC_021166.1_43210967	Ca_kabuli_chr07	43210967	[T/C]	1067302996
Ca_Kabuli_NC_021166.1_43646121	Ca_kabuli_chr07	43646121	[A/G]	1067302997
Ca_Kabuli_NC_021166.1_43743219	Ca_kabuli_chr07	43743219	[T/G]	1067302998
Ca_Kabuli_NC_021166.1_43999700	Ca_kabuli_chr07	43999700	[T/C]	1067302999
Ca_Kabuli_NC_021166.1_44148347	Ca_kabuli_chr07	44148347	[A/G]	1067303000
Ca_Kabuli_NC_021166.1_44148409	Ca_kabuli_chr07	44148409	[A/G]	1067303001
Ca_Kabuli_NC_021166.1_44149783	Ca_kabuli_chr07	44149783	[T/G]	1067303002
Ca_Kabuli_NC_021166.1_44149794	Ca_kabuli_chr07	44149794	[T/G]	1067303003
Ca_Kabuli_NC_021166.1_44149803	Ca_kabuli_chr07	44149803	[T/G]	1067303004
Ca_Kabuli_NC_021166.1_44232220	Ca_kabuli_chr07	44232220	[G/A]	1067303005
Ca_Kabuli_NC_021166.1_44232221	Ca_kabuli_chr07	44232221	[T/C]	1067303006
Ca_Kabuli_NC_021166.1_44232225	Ca_kabuli_chr07	44232225	[T/C]	1067303007
Ca_Kabuli_NC_021166.1_44232228	Ca_kabuli_chr07	44232228	[A/T]	1067303008
Ca_Kabuli_NC_021166.1_44232231	Ca_kabuli_chr07	44232231	[A/C]	1067303009
Ca_Kabuli_NC_021166.1_44758351	Ca_kabuli_chr07	44758351	[A/C]	1067303010
Ca_Kabuli_NC_021166.1_44877300	Ca_kabuli_chr07	44877300	[T/G]	1067303011
Ca_Kabuli_NC_021166.1_44889401	Ca_kabuli_chr07	44889401	[C/A]	1067303012

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_44889404	Ca_kabuli_chr07	44889404	[C/T]	1067303015
Ca_Kabuli_NC_021166.1_44889532	Ca_kabuli_chr07	44889532	[T/G]	1067303016
Ca_Kabuli_NC_021166.1_44899440	Ca_kabuli_chr07	44899440	[A/C]	1067303017
Ca_Kabuli_NC_021166.1_44958134	Ca_kabuli_chr07	44958134	[T/C]	1067303018
Ca_Kabuli_NC_021166.1_44958148	Ca_kabuli_chr07	44958148	[T/C]	1067303019
Ca_Kabuli_NC_021166.1_45034281	Ca_kabuli_chr07	45034281	[T/C]	1067303020
Ca_Kabuli_NC_021166.1_45057710	Ca_kabuli_chr07	45057710	[A/C]	1067303021
Ca_Kabuli_NC_021166.1_45077803	Ca_kabuli_chr07	45077803	[T/G]	1067303022
Ca_Kabuli_NC_021166.1_45077815	Ca_kabuli_chr07	45077815	[A/C]	1067303023
Ca_Kabuli_NC_021166.1_45197476	Ca_kabuli_chr07	45197476	[T/G]	1067303024
Ca_Kabuli_NC_021166.1_45308355	Ca_kabuli_chr07	45308355	[G/T]	1067303025
Ca_Kabuli_NC_021166.1_45383082	Ca_kabuli_chr07	45383082	[A/T]	1067303026
Ca_Kabuli_NC_021166.1_45383165	Ca_kabuli_chr07	45383165	[T/A]	1067303027
Ca_Kabuli_NC_021166.1_45936523	Ca_kabuli_chr07	45936523	[T/C]	1067303028
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Ca_Kabuli_NC_021166.1_45936571	Ca_kabuli_chr07	45936571	[A/G]	1067303030
Ca_Kabuli_NC_021166.1_45940417	Ca_kabuli_chr07	45940417	[A/C]	1067303031
Ca_Kabuli_NC_021166.1_46485934	Ca_kabuli_chr07	46485934	[G/A]	1067303032
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Ca_Kabuli_NC_021166.1_46823641	Ca_kabuli_chr07	46823641	[C/A]	1067303034
Ca_Kabuli_NC_021166.1_46823642	Ca_kabuli_chr07	46823642	[A/G]	1067303035
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Ca_Kabuli_NC_021166.1_46875624	Ca_kabuli_chr07	46875624	[T/A]	1067303038
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Ca_Kabuli_NC_021166.1_46875675	Ca_kabuli_chr07	46875675	[A/G]	1067303041
Ca_Kabuli_NC_021166.1_47130817	Ca_kabuli_chr07	47130817	[T/G]	1067303042
Ca_Kabuli_NC_021166.1_47205637	Ca_kabuli_chr07	47205637	[T/A]	1067303043
Ca_Kabuli_NC_021166.1_47335940	Ca_kabuli_chr07	47335940	[G/A]	1067303044
Ca_Kabuli_NC_021166.1_47395540	Ca_kabuli_chr07	47395540	[C/T]	1067303045
Ca_Kabuli_NC_021166.1_47694704	Ca_kabuli_chr07	47694704	[T/C]	1067303046

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021166.1_47840119	Ca_kabuli_chr07	47840119	[A/C]	1067303049
Ca_Kabuli_NC_021166.1_47840123	Ca_kabuli_chr07	47840123	[T/C]	1067303050
Ca_Kabuli_NC_021166.1_48251532	Ca_kabuli_chr07	48251532	[C/T]	1067303051
Ca_Kabuli_NC_021167.1_41355	Ca_kabuli_chr08	41355	[T/G]	1067303052
Ca_Kabuli_NC_021167.1_54128	Ca_kabuli_chr08	54128	[T/G]	1067303053
Ca_Kabuli_NC_021167.1_54147	Ca_kabuli_chr08	54147	[T/C]	1067303054
Ca_Kabuli_NC_021167.1_54166	Ca_kabuli_chr08	54166	[A/G]	1067303055
Ca_Kabuli_NC_021167.1_90353	Ca_kabuli_chr08	90353	[T/G]	1067303056
Ca_Kabuli_NC_021167.1_120838	Ca_kabuli_chr08	120838	[T/G]	1067303057
Ca_Kabuli_NC_021167.1_132517	Ca_kabuli_chr08	132517	[A/G]	1067303058
Ca_Kabuli_NC_021167.1_177453	Ca_kabuli_chr08	177453	[T/C]	1067303059
Ca_Kabuli_NC_021167.1_177456	Ca_kabuli_chr08	177456	[A/T]	1067303060
Ca_Kabuli_NC_021167.1_178228	Ca_kabuli_chr08	178228	[G/T]	1067303061
Ca_Kabuli_NC_021167.1_184409	Ca_kabuli_chr08	184409	[C/T]	1067303062
Ca_Kabuli_NC_021167.1_218917	Ca_kabuli_chr08	218917	[A/G]	1067303063
Ca_Kabuli_NC_021167.1_218950	Ca_kabuli_chr08	218950	[A/G]	1067303064
Ca_Kabuli_NC_021167.1_253604	Ca_kabuli_chr08	253604	[T/C]	1067303065
Ca_Kabuli_NC_021167.1_253622	Ca_kabuli_chr08	253622	[T/A]	1067303066
Ca_Kabuli_NC_021167.1_253650	Ca_kabuli_chr08	253650	[A/C]	1067303067
Ca_Kabuli_NC_021167.1_253661	Ca_kabuli_chr08	253661	[T/C]	1067303068
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Ca_Kabuli_NC_021167.1_258729	Ca_kabuli_chr08	258729	[T/C]	1067303071
Ca_Kabuli_NC_021167.1_258735	Ca_kabuli_chr08	258735	[T/C]	1067303072
Ca_Kabuli_NC_021167.1_281566	Ca_kabuli_chr08	281566	[T/C]	1067303073
Ca_Kabuli_NC_021167.1_281579	Ca_kabuli_chr08	281579	[A/G]	1067303074
Ca_Kabuli_NC_021167.1_281622	Ca_kabuli_chr08	281622	[G/A]	1067303075
Ca_Kabuli_NC_021167.1_283444	Ca_kabuli_chr08	283444	[T/C]	1067303076
Ca_Kabuli_NC_021167.1_306458	Ca_kabuli_chr08	306458	[A/C]	1067303077
Ca_Kabuli_NC_021167.1_306477	Ca_kabuli_chr08	306477	[A/C]	1067303078
Ca_Kabuli_NC_021167.1_310107	Ca_kabuli_chr08	310107	[T/C]	1067303079
Ca_Kabuli_NC_021167.1_310131	Ca_kabuli_chr08	310131	[A/C]	1067303080

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_499873	Ca_kabuli_chr08	499873	[A/C]	1067303084
Ca_Kabuli_NC_021167.1_499876	Ca_kabuli_chr08	499876	[A/C]	1067303085
Ca_Kabuli_NC_021167.1_499879	Ca_kabuli_chr08	499879	[A/C]	1067303086
Ca_Kabuli_NC_021167.1_510851	Ca_kabuli_chr08	510851	[A/G]	1067303087
Ca_Kabuli_NC_021167.1_535892	Ca_kabuli_chr08	535892	[A/G]	1067303088
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Ca_Kabuli_NC_021167.1_560484	Ca_kabuli_chr08	560484	[T/G]	1067303091
Ca_Kabuli_NC_021167.1_560740	Ca_kabuli_chr08	560740	[T/G]	1067303092
Ca_Kabuli_NC_021167.1_634819	Ca_kabuli_chr08	634819	[T/G]	1067303093
Ca_Kabuli_NC_021167.1_634853	Ca_kabuli_chr08	634853	[T/G]	1067303094
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Ca_Kabuli_NC_021167.1_634932	Ca_kabuli_chr08	634932	[A/G]	1067303096
Ca_Kabuli_NC_021167.1_634936	Ca_kabuli_chr08	634936	[A/G]	1067303097
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Ca_Kabuli_NC_021167.1_637253	Ca_kabuli_chr08	637253	[T/G]	1067303100
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Ca_Kabuli_NC_021167.1_637335	Ca_kabuli_chr08	637335	[A/T]	1067303107
Ca_Kabuli_NC_021167.1_649502	Ca_kabuli_chr08	649502	[T/G]	1067303108
Ca_Kabuli_NC_021167.1_659335	Ca_kabuli_chr08	659335	[A/C]	1067303109
Ca_Kabuli_NC_021167.1_690131	Ca_kabuli_chr08	690131	[T/G]	1067303110
Ca_Kabuli_NC_021167.1_709105	Ca_kabuli_chr08	709105	[T/G]	1067303111
Ca_Kabuli_NC_021167.1_777765	Ca_kabuli_chr08	777765	[T/G]	1067303112
Ca_Kabuli_NC_021167.1_779659	Ca_kabuli_chr08	779659	[A/G]	1067303113
Ca_Kabuli_NC_021167.1_822850	Ca_kabuli_chr08	822850	[A/C]	1067303114

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021167.1_822853	Ca_kabuli_chr08	822853	[C/A]	1067303115
Ca_Kabuli_NC_021167.1_840012	Ca_kabuli_chr08	840012	[T/G]	1067303116
Ca_Kabuli_NC_021167.1_840015	Ca_kabuli_chr08	840015	[T/G]	1067303117
Ca_Kabuli_NC_021167.1_840041	Ca_kabuli_chr08	840041	[T/G]	1067303118
Ca_Kabuli_NC_021167.1_840075	Ca_kabuli_chr08	840075	[A/G]	1067303119
Ca_Kabuli_NC_021167.1_875236	Ca_kabuli_chr08	875236	[T/G]	1067303120
Ca_Kabuli_NC_021167.1_883520	Ca_kabuli_chr08	883520	[T/G]	1067303121
Ca_Kabuli_NC_021167.1_884757	Ca_kabuli_chr08	884757	[T/C]	1067303122
Ca_Kabuli_NC_021167.1_897400	Ca_kabuli_chr08	897400	[T/G]	1067303123
Ca_Kabuli_NC_021167.1_897465	Ca_kabuli_chr08	897465	[A/G]	1067303124
Ca_Kabuli_NC_021167.1_910687	Ca_kabuli_chr08	910687	[A/C]	1067303125
Ca_Kabuli_NC_021167.1_910716	Ca_kabuli_chr08	910716	[A/G]	1067303126
Ca_Kabuli_NC_021167.1_910719	Ca_kabuli_chr08	910719	[T/G]	1067303127
Ca_Kabuli_NC_021167.1_924661	Ca_kabuli_chr08	924661	[T/C]	1067303128
Ca_Kabuli_NC_021167.1_924715	Ca_kabuli_chr08	924715	[A/G]	1067303129
Ca_Kabuli_NC_021167.1_995091	Ca_kabuli_chr08	995091	[T/A]	1067303130
Ca_Kabuli_NC_021167.1_995092	Ca_kabuli_chr08	995092	[A/G]	1067303131
Ca_Kabuli_NC_021167.1_995138	Ca_kabuli_chr08	995138	[A/T]	1067303132
Ca_Kabuli_NC_021167.1_1011362	Ca_kabuli_chr08	1011362	[T/C]	1067303133
Ca_Kabuli_NC_021167.1_1108533	Ca_kabuli_chr08	1108533	[T/C]	1067303134
Ca_Kabuli_NC_021167.1_1131183	Ca_kabuli_chr08	1131183	[T/G]	1067303135
Ca_Kabuli_NC_021167.1_1131202	Ca_kabuli_chr08	1131202	[T/C]	1067303136
Ca_Kabuli_NC_021167.1_1194886	Ca_kabuli_chr08	1194886	[G/A]	1067303137
Ca_Kabuli_NC_021167.1_1262555	Ca_kabuli_chr08	1262555	[T/C]	1067303138
Ca_Kabuli_NC_021167.1_1262583	Ca_kabuli_chr08	1262583	[T/A]	1067303139
Ca_Kabuli_NC_021167.1_1265506	Ca_kabuli_chr08	1265506	[T/A]	1067303140
Ca_Kabuli_NC_021167.1_1265508	Ca_kabuli_chr08	1265508	[T/G]	1067303141
Ca_Kabuli_NC_021167.1_1265509	Ca_kabuli_chr08	1265509	[T/A]	1067303142
Ca_Kabuli_NC_021167.1_1265603	Ca_kabuli_chr08	1265603	[A/G]	1067303143
Ca_Kabuli_NC_021167.1_1276472	Ca_kabuli_chr08	1276472	[A/G]	1067303144
Ca_Kabuli_NC_021167.1_1290371	Ca_kabuli_chr08	1290371	[A/C]	1067303145
Ca_Kabuli_NC_021167.1_1290386	Ca_kabuli_chr08	1290386	[T/C]	1067303146
Ca_Kabuli_NC_021167.1_1325152	Ca_kabuli_chr08	1325152	[A/C]	1067303147
Ca_Kabuli_NC_021167.1_1362659	Ca_kabuli_chr08	1362659	[A/G]	1067303148

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021167.1_1362673	Ca_kabuli_chr08	1362673	[A/C]	1067303149
Ca_Kabuli_NC_021167.1_1363721	Ca_kabuli_chr08	1363721	[T/G]	1067303150
Ca_Kabuli_NC_021167.1_1363755	Ca_kabuli_chr08	1363755	[A/C]	1067303151
Ca_Kabuli_NC_021167.1_1370295	Ca_kabuli_chr08	1370295	[A/C]	1067303152
Ca_Kabuli_NC_021167.1_1465284	Ca_kabuli_chr08	1465284	[A/T]	1067303153
Ca_Kabuli_NC_021167.1_1475872	Ca_kabuli_chr08	1475872	[G/T]	1067303154
Ca_Kabuli_NC_021167.1_1475873	Ca_kabuli_chr08	1475873	[A/C]	1067303155
Ca_Kabuli_NC_021167.1_1475874	Ca_kabuli_chr08	1475874	[G/T]	1067303156
Ca_Kabuli_NC_021167.1_1507766	Ca_kabuli_chr08	1507766	[G/A]	1067303157
Ca_Kabuli_NC_021167.1_1554893	Ca_kabuli_chr08	1554893	[T/A]	1067303158
Ca_Kabuli_NC_021167.1_1555159	Ca_kabuli_chr08	1555159	[A/G]	1067303159
Ca_Kabuli_NC_021167.1_1612186	Ca_kabuli_chr08	1612186	[T/A]	1067303160
Ca_Kabuli_NC_021167.1_1675894	Ca_kabuli_chr08	1675894	[A/T]	1067303161
Ca_Kabuli_NC_021167.1_1675917	Ca_kabuli_chr08	1675917	[T/C]	1067303162
Ca_Kabuli_NC_021167.1_1708730	Ca_kabuli_chr08	1708730	[T/G]	1067303163
Ca_Kabuli_NC_021167.1_1708895	Ca_kabuli_chr08	1708895	[A/G]	1067303164
Ca_Kabuli_NC_021167.1_1711439	Ca_kabuli_chr08	1711439	[A/G]	1067303165
Ca_Kabuli_NC_021167.1_1718014	Ca_kabuli_chr08	1718014	[T/C]	1067303166
Ca_Kabuli_NC_021167.1_1718018	Ca_kabuli_chr08	1718018	[A/G]	1067303167
Ca_Kabuli_NC_021167.1_1718031	Ca_kabuli_chr08	1718031	[A/C]	1067303168
Ca_Kabuli_NC_021167.1_1723577	Ca_kabuli_chr08	1723577	[T/A]	1067303169
Ca_Kabuli_NC_021167.1_1742958	Ca_kabuli_chr08	1742958	[G/T]	1067303170
Ca_Kabuli_NC_021167.1_1742959	Ca_kabuli_chr08	1742959	[G/C]	1067303171
Ca_Kabuli_NC_021167.1_1742960	Ca_kabuli_chr08	1742960	[G/T]	1067303172
Ca_Kabuli_NC_021167.1_1747528	Ca_kabuli_chr08	1747528	[A/T]	1067303173
Ca_Kabuli_NC_021167.1_1782034	Ca_kabuli_chr08	1782034	[C/G]	1067303174
Ca_Kabuli_NC_021167.1_1794696	Ca_kabuli_chr08	1794696	[A/G]	1067303175
Ca_Kabuli_NC_021167.1_1794714	Ca_kabuli_chr08	1794714	[T/G]	1067303176
Ca_Kabuli_NC_021167.1_1794717	Ca_kabuli_chr08	1794717	[T/A]	1067303177
Ca_Kabuli_NC_021167.1_1794745	Ca_kabuli_chr08	1794745	[A/G]	1067303178
Ca_Kabuli_NC_021167.1_1794804	Ca_kabuli_chr08	1794804	[G/T]	1067303179
Ca_Kabuli_NC_021167.1_1794812	Ca_kabuli_chr08	1794812	[G/C]	1067303180
Ca_Kabuli_NC_021167.1_1794813	Ca_kabuli_chr08	1794813	[T/G]	1067303181
Ca_Kabuli_NC_021167.1_1794814	Ca_kabuli_chr08	1794814	[G/T]	1067303182



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021167.1_1794815	Ca_kabuli_chr08	1794815	[A/C]	1067303183
Ca_Kabuli_NC_021167.1_1794915	Ca_kabuli_chr08	1794915	[A/G]	1067303184
Ca_Kabuli_NC_021167.1_1829515	Ca_kabuli_chr08	1829515	[A/G]	1067303185
Ca_Kabuli_NC_021167.1_1880101	Ca_kabuli_chr08	1880101	[T/C]	1067303186
Ca_Kabuli_NC_021167.1_1880113	Ca_kabuli_chr08	1880113	[A/G]	1067303187
Ca_Kabuli_NC_021167.1_1880158	Ca_kabuli_chr08	1880158	[T/C]	1067303188
Ca_Kabuli_NC_021167.1_1883131	Ca_kabuli_chr08	1883131	[T/G]	1067303189
Ca_Kabuli_NC_021167.1_1958409	Ca_kabuli_chr08	1958409	[T/G]	1067303190
Ca_Kabuli_NC_021167.1_1963543	Ca_kabuli_chr08	1963543	[T/G]	1067303191
Ca_Kabuli_NC_021167.1_1970309	Ca_kabuli_chr08	1970309	[A/C]	1067303192
Ca_Kabuli_NC_021167.1_1989467	Ca_kabuli_chr08	1989467	[T/G]	1067303193
Ca_Kabuli_NC_021167.1_2029411	Ca_kabuli_chr08	2029411	[A/G]	1067303194
Ca_Kabuli_NC_021167.1_2032659	Ca_kabuli_chr08	2032659	[T/C]	1067303195
Ca_Kabuli_NC_021167.1_2073741	Ca_kabuli_chr08	2073741	[T/C]	1067303196
Ca_Kabuli_NC_021167.1_2073782	Ca_kabuli_chr08	2073782	[T/C]	1067303197
Ca_Kabuli_NC_021167.1_2073806	Ca_kabuli_chr08	2073806	[A/T]	1067303198
Ca_Kabuli_NC_021167.1_2074562	Ca_kabuli_chr08	2074562	[A/C]	1067303199
Ca_Kabuli_NC_021167.1_2074685	Ca_kabuli_chr08	2074685	[A/C]	1067303200
Ca_Kabuli_NC_021167.1_2074706	Ca_kabuli_chr08	2074706	[A/C]	1067303201
Ca_Kabuli_NC_021167.1_2075260	Ca_kabuli_chr08	2075260	[A/T]	1067303202
Ca_Kabuli_NC_021167.1_2075276	Ca_kabuli_chr08	2075276	[A/T]	1067303203
Ca_Kabuli_NC_021167.1_2079734	Ca_kabuli_chr08	2079734	[A/G]	1067303204
Ca_Kabuli_NC_021167.1_2079765	Ca_kabuli_chr08	2079765	[T/C]	1067303205
Ca_Kabuli_NC_021167.1_2079787	Ca_kabuli_chr08	2079787	[A/G]	1067303206
Ca_Kabuli_NC_021167.1_2080545	Ca_kabuli_chr08	2080545	[A/C]	1067303207
Ca_Kabuli_NC_021167.1_2080621	Ca_kabuli_chr08	2080621	[A/G]	1067303208
Ca_Kabuli_NC_021167.1_2088903	Ca_kabuli_chr08	2088903	[T/G]	1067303209
Ca_Kabuli_NC_021167.1_2088919	Ca_kabuli_chr08	2088919	[A/G]	1067303210
Ca_Kabuli_NC_021167.1_2088944	Ca_kabuli_chr08	2088944	[T/C]	1067303211
Ca_Kabuli_NC_021167.1_2088965	Ca_kabuli_chr08	2088965	[A/T]	1067303212
Ca_Kabuli_NC_021167.1_2089009	Ca_kabuli_chr08	2089009	[A/T]	1067303213
Ca_Kabuli_NC_021167.1_2093176	Ca_kabuli_chr08	2093176	[A/G]	1067303214
Ca_Kabuli_NC_021167.1_2093212	Ca_kabuli_chr08	2093212	[A/C]	1067303215
Ca_Kabuli_NC_021167.1_2093214	Ca_kabuli_chr08	2093214	[T/G]	1067303216

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021167.1_2093224	Ca_kabuli_chr08	2093224	[A/G]	1067303217
Ca_Kabuli_NC_021167.1_2093226	Ca_kabuli_chr08	2093226	[T/G]	1067303218
Ca_Kabuli_NC_021167.1_2109980	Ca_kabuli_chr08	2109980	[A/C]	1067303219
Ca_Kabuli_NC_021167.1_2136222	Ca_kabuli_chr08	2136222	[T/C]	1067303220
Ca_Kabuli_NC_021167.1_2136229	Ca_kabuli_chr08	2136229	[T/G]	1067303221
Ca_Kabuli_NC_021167.1_2136243	Ca_kabuli_chr08	2136243	[T/G]	1067303222
Ca_Kabuli_NC_021167.1_2136282	Ca_kabuli_chr08	2136282	[T/G]	1067303223
Ca_Kabuli_NC_021167.1_2186379	Ca_kabuli_chr08	2186379	[A/T]	1067303224
Ca_Kabuli_NC_021167.1_2186380	Ca_kabuli_chr08	2186380	[T/A]	1067303225
Ca_Kabuli_NC_021167.1_2190581	Ca_kabuli_chr08	2190581	[C/T]	1067303226
Ca_Kabuli_NC_021167.1_2194871	Ca_kabuli_chr08	2194871	[T/C]	1067303227
Ca_Kabuli_NC_021167.1_2264188	Ca_kabuli_chr08	2264188	[T/C]	1067303228
Ca_Kabuli_NC_021167.1_2281792	Ca_kabuli_chr08	2281792	[T/C]	1067303229
Ca_Kabuli_NC_021167.1_2281799	Ca_kabuli_chr08	2281799	[T/C]	1067303230
Ca_Kabuli_NC_021167.1_2281814	Ca_kabuli_chr08	2281814	[A/G]	1067303231
Ca_Kabuli_NC_021167.1_2417216	Ca_kabuli_chr08	2417216	[T/G]	1067303232
Ca_Kabuli_NC_021167.1_2417233	Ca_kabuli_chr08	2417233	[T/G]	1067303233
Ca_Kabuli_NC_021167.1_2452031	Ca_kabuli_chr08	2452031	[A/G]	1067303234
Ca_Kabuli_NC_021167.1_2459578	Ca_kabuli_chr08	2459578	[T/A]	1067303235
Ca_Kabuli_NC_021167.1_2463102	Ca_kabuli_chr08	2463102	[A/C]	1067303236
Ca_Kabuli_NC_021167.1_2463549	Ca_kabuli_chr08	2463549	[A/G]	1067303237
Ca_Kabuli_NC_021167.1_2464356	Ca_kabuli_chr08	2464356	[T/C]	1067303238
Ca_Kabuli_NC_021167.1_2482765	Ca_kabuli_chr08	2482765	[T/C]	1067303239
Ca_Kabuli_NC_021167.1_2482798	Ca_kabuli_chr08	2482798	[A/G]	1067303240
Ca_Kabuli_NC_021167.1_2483120	Ca_kabuli_chr08	2483120	[A/T]	1067303241
Ca_Kabuli_NC_021167.1_2524150	Ca_kabuli_chr08	2524150	[T/G]	1067303242
Ca_Kabuli_NC_021167.1_2524153	Ca_kabuli_chr08	2524153	[T/G]	1067303243
Ca_Kabuli_NC_021167.1_2524166	Ca_kabuli_chr08	2524166	[A/G]	1067303244
Ca_Kabuli_NC_021167.1_2529535	Ca_kabuli_chr08	2529535	[T/C]	1067303245
Ca_Kabuli_NC_021167.1_2529563	Ca_kabuli_chr08	2529563	[T/A]	1067303246
Ca_Kabuli_NC_021167.1_2540613	Ca_kabuli_chr08	2540613	[T/G]	1067303247
Ca_Kabuli_NC_021167.1_2543145	Ca_kabuli_chr08	2543145	[T/A]	1067303248
Ca_Kabuli_NC_021167.1_2543151	Ca_kabuli_chr08	2543151	[A/C]	1067303249
Ca_Kabuli_NC_021167.1_2545208	Ca_kabuli_chr08	2545208	[A/T]	1067303250

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021167.1_2545211	Ca_kabuli_chr08	2545211	[T/C]	1067303251
Ca_Kabuli_NC_021167.1_2580092	Ca_kabuli_chr08	2580092	[T/G]	1067303252
Ca_Kabuli_NC_021167.1_2580170	Ca_kabuli_chr08	2580170	[A/G]	1067303253
Ca_Kabuli_NC_021167.1_2580194	Ca_kabuli_chr08	2580194	[T/G]	1067303254
Ca_Kabuli_NC_021167.1_2580273	Ca_kabuli_chr08	2580273	[A/G]	1067303255
Ca_Kabuli_NC_021167.1_2617595	Ca_kabuli_chr08	2617595	[T/A]	1067303256
Ca_Kabuli_NC_021167.1_2622008	Ca_kabuli_chr08	2622008	[T/G]	1067303257
Ca_Kabuli_NC_021167.1_2623534	Ca_kabuli_chr08	2623534	[T/C]	1067303258
Ca_Kabuli_NC_021167.1_2623544	Ca_kabuli_chr08	2623544	[T/A]	1067303259
Ca_Kabuli_NC_021167.1_2623545	Ca_kabuli_chr08	2623545	[A/T]	1067303260
Ca_Kabuli_NC_021167.1_2651888	Ca_kabuli_chr08	2651888	[T/A]	1067303261
Ca_Kabuli_NC_021167.1_2651889	Ca_kabuli_chr08	2651889	[A/C]	1067303262
Ca_Kabuli_NC_021167.1_2651895	Ca_kabuli_chr08	2651895	[A/T]	1067303263
Ca_Kabuli_NC_021167.1_2651902	Ca_kabuli_chr08	2651902	[T/G]	1067303264
Ca_Kabuli_NC_021167.1_2651925	Ca_kabuli_chr08	2651925	[C/G]	1067303265
Ca_Kabuli_NC_021167.1_2686597	Ca_kabuli_chr08	2686597	[A/C]	1067303266
Ca_Kabuli_NC_021167.1_2686610	Ca_kabuli_chr08	2686610	[A/C]	1067303267
Ca_Kabuli_NC_021167.1_2686615	Ca_kabuli_chr08	2686615	[A/T]	1067303268
Ca_Kabuli_NC_021167.1_2722647	Ca_kabuli_chr08	2722647	[T/C]	1067303269
Ca_Kabuli_NC_021167.1_2722660	Ca_kabuli_chr08	2722660	[T/G]	1067303270
Ca_Kabuli_NC_021167.1_2722664	Ca_kabuli_chr08	2722664	[A/G]	1067303271
Ca_Kabuli_NC_021167.1_2729806	Ca_kabuli_chr08	2729806	[A/T]	1067303272
Ca_Kabuli_NC_021167.1_2729827	Ca_kabuli_chr08	2729827	[A/G]	1067303273
Ca_Kabuli_NC_021167.1_2827779	Ca_kabuli_chr08	2827779	[T/C]	1067303274
Ca_Kabuli_NC_021167.1_2827781	Ca_kabuli_chr08	2827781	[G/A]	1067303275
Ca_Kabuli_NC_021167.1_2827820	Ca_kabuli_chr08	2827820	[A/G]	1067303276
Ca_Kabuli_NC_021167.1_2827832	Ca_kabuli_chr08	2827832	[T/A]	1067303277
Ca_Kabuli_NC_021167.1_2859885	Ca_kabuli_chr08	2859885	[T/C]	1067303278
Ca_Kabuli_NC_021167.1_2889430	Ca_kabuli_chr08	2889430	[T/A]	1067303279
Ca_Kabuli_NC_021167.1_2889717	Ca_kabuli_chr08	2889717	[T/C]	1067303280
Ca_Kabuli_NC_021167.1_2889720	Ca_kabuli_chr08	2889720	[T/C]	1067303281
Ca_Kabuli_NC_021167.1_2889747	Ca_kabuli_chr08	2889747	[T/C]	1067303282
Ca_Kabuli_NC_021167.1_2943660	Ca_kabuli_chr08	2943660	[A/G]	1067303283
Ca_Kabuli_NC_021167.1_2947511	Ca_kabuli_chr08	2947511	[A/G]	1067303284

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021167.1_2955532	Ca_kabuli_chr08	2955532	[A/C]	1067303285
Ca_Kabuli_NC_021167.1_2974555	Ca_kabuli_chr08	2974555	[A/C]	1067303286
Ca_Kabuli_NC_021167.1_3013920	Ca_kabuli_chr08	3013920	[T/C]	1067303287
Ca_Kabuli_NC_021167.1_3017548	Ca_kabuli_chr08	3017548	[G/T]	1067303288
Ca_Kabuli_NC_021167.1_3017550	Ca_kabuli_chr08	3017550	[G/T]	1067303289
Ca_Kabuli_NC_021167.1_3020987	Ca_kabuli_chr08	3020987	[A/T]	1067303290
Ca_Kabuli_NC_021167.1_3021000	Ca_kabuli_chr08	3021000	[T/G]	1067303291
Ca_Kabuli_NC_021167.1_3021006	Ca_kabuli_chr08	3021006	[T/G]	1067303292
Ca_Kabuli_NC_021167.1_3021007	Ca_kabuli_chr08	3021007	[A/C]	1067303293
Ca_Kabuli_NC_021167.1_3041872	Ca_kabuli_chr08	3041872	[A/C]	1067303294
Ca_Kabuli_NC_021167.1_3171296	Ca_kabuli_chr08	3171296	[A/G]	1067303295
Ca_Kabuli_NC_021167.1_3171321	Ca_kabuli_chr08	3171321	[A/G]	1067303296
Ca_Kabuli_NC_021167.1_3179618	Ca_kabuli_chr08	3179618	[C/T]	1067303297
Ca_Kabuli_NC_021167.1_3269063	Ca_kabuli_chr08	3269063	[T/G]	1067303298
Ca_Kabuli_NC_021167.1_3269085	Ca_kabuli_chr08	3269085	[A/C]	1067303299
Ca_Kabuli_NC_021167.1_3269088	Ca_kabuli_chr08	3269088	[A/C]	1067303300
Ca_Kabuli_NC_021167.1_3394738	Ca_kabuli_chr08	3394738	[T/G]	1067303301
Ca_Kabuli_NC_021167.1_3396787	Ca_kabuli_chr08	3396787	[T/C]	1067303302
Ca_Kabuli_NC_021167.1_3396797	Ca_kabuli_chr08	3396797	[T/A]	1067303303
Ca_Kabuli_NC_021167.1_3396849	Ca_kabuli_chr08	3396849	[T/C]	1067303304
Ca_Kabuli_NC_021167.1_3498977	Ca_kabuli_chr08	3498977	[T/G]	1067303305
Ca_Kabuli_NC_021167.1_3499001	Ca_kabuli_chr08	3499001	[A/G]	1067303306
Ca_Kabuli_NC_021167.1_3499013	Ca_kabuli_chr08	3499013	[T/G]	1067303307
Ca_Kabuli_NC_021167.1_3499016	Ca_kabuli_chr08	3499016	[A/C]	1067303308
Ca_Kabuli_NC_021167.1_3530213	Ca_kabuli_chr08	3530213	[A/G]	1067303309
Ca_Kabuli_NC_021167.1_3533284	Ca_kabuli_chr08	3533284	[T/G]	1067303310
Ca_Kabuli_NC_021167.1_3533306	Ca_kabuli_chr08	3533306	[A/T]	1067303311
Ca_Kabuli_NC_021167.1_3541771	Ca_kabuli_chr08	3541771	[C/A]	1067303312
Ca_Kabuli_NC_021167.1_3541773	Ca_kabuli_chr08	3541773	[C/A]	1067303313
Ca_Kabuli_NC_021167.1_3541774	Ca_kabuli_chr08	3541774	[C/T]	1067303314
Ca_Kabuli_NC_021167.1_3571098	Ca_kabuli_chr08	3571098	[A/C]	1067303315
Ca_Kabuli_NC_021167.1_3601540	Ca_kabuli_chr08	3601540	[T/G]	1067303316
Ca_Kabuli_NC_021167.1_3665577	Ca_kabuli_chr08	3665577	[T/G]	1067303317
Ca_Kabuli_NC_021167.1_3709184	Ca_kabuli_chr08	3709184	[C/G]	1067303318

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_3709188	Ca_kabuli_chr08	3709188	[G/T]	1067303321
Ca_Kabuli_NC_021167.1_3730339	Ca_kabuli_chr08	3730339	[T/G]	1067303322
Ca_Kabuli_NC_021167.1_3775861	Ca_kabuli_chr08	3775861	[A/C]	1067303323
Ca_Kabuli_NC_021167.1_3813951	Ca_kabuli_chr08	3813951	[A/C]	1067303324
Ca_Kabuli_NC_021167.1_3829581	Ca_kabuli_chr08	3829581	[T/G]	1067303325
Ca_Kabuli_NC_021167.1_3829646	Ca_kabuli_chr08	3829646	[A/G]	1067303326
Ca_Kabuli_NC_021167.1_4006216	Ca_kabuli_chr08	4006216	[A/G]	1067303327
Ca_Kabuli_NC_021167.1_4023040	Ca_kabuli_chr08	4023040	[T/C]	1067303328
Ca_Kabuli_NC_021167.1_4023049	Ca_kabuli_chr08	4023049	[T/G]	1067303329
Ca_Kabuli_NC_021167.1_4023103	Ca_kabuli_chr08	4023103	[A/C]	1067303330
Ca_Kabuli_NC_021167.1_4023148	Ca_kabuli_chr08	4023148	[A/C]	1067303331
Ca_Kabuli_NC_021167.1_4073076	Ca_kabuli_chr08	4073076	[A/T]	1067303332
Ca_Kabuli_NC_021167.1_4073077	Ca_kabuli_chr08	4073077	[A/C]	1067303333
Ca_Kabuli_NC_021167.1_4091923	Ca_kabuli_chr08	4091923	[A/C]	1067303334
Ca_Kabuli_NC_021167.1_4091927	Ca_kabuli_chr08	4091927	[A/C]	1067303335
Ca_Kabuli_NC_021167.1_4091944	Ca_kabuli_chr08	4091944	[T/C]	1067303336
Ca_Kabuli_NC_021167.1_4102954	Ca_kabuli_chr08	4102954	[T/G]	1067303337
Ca_Kabuli_NC_021167.1_4102960	Ca_kabuli_chr08	4102960	[A/C]	1067303338
Ca_Kabuli_NC_021167.1_4172244	Ca_kabuli_chr08	4172244	[T/A]	1067303339
Ca_Kabuli_NC_021167.1_4172245	Ca_kabuli_chr08	4172245	[A/T]	1067303340
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Ca_Kabuli_NC_021167.1_4172269	Ca_kabuli_chr08	4172269	[T/G]	1067303342
Ca_Kabuli_NC_021167.1_4172306	Ca_kabuli_chr08	4172306	[T/C]	1067303343
Ca_Kabuli_NC_021167.1_4172313	Ca_kabuli_chr08	4172313	[T/G]	1067303344
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Ca_Kabuli_NC_021167.1_4198240	Ca_kabuli_chr08	4198240	[A/G]	1067303347
Ca_Kabuli_NC_021167.1_4198242	Ca_kabuli_chr08	4198242	[C/T]	1067303348
Ca_Kabuli_NC_021167.1_4198246	Ca_kabuli_chr08	4198246	[T/C]	1067303349
Ca_Kabuli_NC_021167.1_4203698	Ca_kabuli_chr08	4203698	[A/T]	1067303350
Ca_Kabuli_NC_021167.1_4203727	Ca_kabuli_chr08	4203727	[A/C]	1067303351
Ca_Kabuli_NC_021167.1_4203752	Ca_kabuli_chr08	4203752	[T/A]	1067303352

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_4271597	Ca_kabuli_chr08	4271597	[A/C]	1067303355
Ca_Kabuli_NC_021167.1_4280008	Ca_kabuli_chr08	4280008	[T/C]	1067303356
Ca_Kabuli_NC_021167.1_4280009	Ca_kabuli_chr08	4280009	[C/G]	1067303357
Ca_Kabuli_NC_021167.1_4290671	Ca_kabuli_chr08	4290671	[A/T]	1067303358
Ca_Kabuli_NC_021167.1_4290706	Ca_kabuli_chr08	4290706	[T/C]	1067303359
Ca_Kabuli_NC_021167.1_4290707	Ca_kabuli_chr08	4290707	[C/G]	1067303360
Ca_Kabuli_NC_021167.1_4346497	Ca_kabuli_chr08	4346497	[G/T]	1067303361
Ca_Kabuli_NC_021167.1_4346706	Ca_kabuli_chr08	4346706	[T/A]	1067303362
Ca_Kabuli_NC_021167.1_4346724	Ca_kabuli_chr08	4346724	[A/G]	1067303363
Ca_Kabuli_NC_021167.1_4346765	Ca_kabuli_chr08	4346765	[A/G]	1067303364
Ca_Kabuli_NC_021167.1_4346803	Ca_kabuli_chr08	4346803	[A/C]	1067303365
Ca_Kabuli_NC_021167.1_4346860	Ca_kabuli_chr08	4346860	[A/C]	1067303366
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Ca_Kabuli_NC_021167.1_4363714	Ca_kabuli_chr08	4363714	[A/G]	1067303371
Ca_Kabuli_NC_021167.1_4363715	Ca_kabuli_chr08	4363715	[A/G]	1067303372
Ca_Kabuli_NC_021167.1_4363716	Ca_kabuli_chr08	4363716	[A/G]	1067303373
Ca_Kabuli_NC_021167.1_4395606	Ca_kabuli_chr08	4395606	[C/A]	1067303374
Ca_Kabuli_NC_021167.1_4406956	Ca_kabuli_chr08	4406956	[C/G]	1067303375
Ca_Kabuli_NC_021167.1_4421422	Ca_kabuli_chr08	4421422	[T/C]	1067303376
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Ca_Kabuli_NC_021167.1_4421593	Ca_kabuli_chr08	4421593	[T/C]	1067303378
Ca_Kabuli_NC_021167.1_4421719	Ca_kabuli_chr08	4421719	[A/C]	1067303379
Ca_Kabuli_NC_021167.1_4430537	Ca_kabuli_chr08	4430537	[A/T]	1067303380
Ca_Kabuli_NC_021167.1_4476229	Ca_kabuli_chr08	4476229	[A/C]	1067303381
Ca_Kabuli_NC_021167.1_4483402	Ca_kabuli_chr08	4483402	[T/G]	1067303382
Ca_Kabuli_NC_021167.1_4484606	Ca_kabuli_chr08	4484606	[T/G]	1067303383
Ca_Kabuli_NC_021167.1_4512293	Ca_kabuli_chr08	4512293	[A/T]	1067303384
Ca_Kabuli_NC_021167.1_4512490	Ca_kabuli_chr08	4512490	[A/C]	1067303385
Ca_Kabuli_NC_021167.1_4542365	Ca_kabuli_chr08	4542365	[A/C]	1067303386

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_4565731	Ca_kabuli_chr08	4565731	[T/G]	1067303389
Ca_Kabuli_NC_021167.1_4580453	Ca_kabuli_chr08	4580453	[A/C]	1067303390
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Ca_Kabuli_NC_021167.1_4611125	Ca_kabuli_chr08	4611125	[T/C]	1067303392
Ca_Kabuli_NC_021167.1_4611893	Ca_kabuli_chr08	4611893	[A/T]	1067303393
Ca_Kabuli_NC_021167.1_4614681	Ca_kabuli_chr08	4614681	[G/T]	1067303394
Ca_Kabuli_NC_021167.1_4714590	Ca_kabuli_chr08	4714590	[T/G]	1067303395
Ca_Kabuli_NC_021167.1_4764559	Ca_kabuli_chr08	4764559	[A/C]	1067303396
Ca_Kabuli_NC_021167.1_4773207	Ca_kabuli_chr08	4773207	[A/G]	1067303397
Ca_Kabuli_NC_021167.1_4807080	Ca_kabuli_chr08	4807080	[G/T]	1067303398
Ca_Kabuli_NC_021167.1_4807088	Ca_kabuli_chr08	4807088	[T/G]	1067303399
Ca_Kabuli_NC_021167.1_4807090	Ca_kabuli_chr08	4807090	[C/T]	1067303400
Ca_Kabuli_NC_021167.1_4807094	Ca_kabuli_chr08	4807094	[A/G]	1067303401
Ca_Kabuli_NC_021167.1_4807099	Ca_kabuli_chr08	4807099	[A/C]	1067303402
Ca_Kabuli_NC_021167.1_4807106	Ca_kabuli_chr08	4807106	[G/A]	1067303403
Ca_Kabuli_NC_021167.1_4810601	Ca_kabuli_chr08	4810601	[A/T]	1067303404
Ca_Kabuli_NC_021167.1_4895122	Ca_kabuli_chr08	4895122	[A/C]	1067303405
Ca_Kabuli_NC_021167.1_4895123	Ca_kabuli_chr08	4895123	[G/T]	1067303406
Ca_Kabuli_NC_021167.1_5196989	Ca_kabuli_chr08	5196989	[T/C]	1067303407
Ca_Kabuli_NC_021167.1_5196992	Ca_kabuli_chr08	5196992	[T/A]	1067303408
Ca_Kabuli_NC_021167.1_5197033	Ca_kabuli_chr08	5197033	[A/G]	1067303409
Ca_Kabuli_NC_021167.1_5197035	Ca_kabuli_chr08	5197035	[A/C]	1067303410
Ca_Kabuli_NC_021167.1_5197287	Ca_kabuli_chr08	5197287	[A/G]	1067303411
Ca_Kabuli_NC_021167.1_5233627	Ca_kabuli_chr08	5233627	[T/C]	1067303412
Ca_Kabuli_NC_021167.1_5233635	Ca_kabuli_chr08	5233635	[T/C]	1067303413
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Ca_Kabuli_NC_021167.1_5238280	Ca_kabuli_chr08	5238280	[A/C]	1067303415
Ca_Kabuli_NC_021167.1_5238282	Ca_kabuli_chr08	5238282	[T/C]	1067303416
Ca_Kabuli_NC_021167.1_5238284	Ca_kabuli_chr08	5238284	[T/A]	1067303417
Ca_Kabuli_NC_021167.1_5238288	Ca_kabuli_chr08	5238288	[A/C]	1067303418
Ca_Kabuli_NC_021167.1_5238308	Ca_kabuli_chr08	5238308	[A/G]	1067303419
Ca_Kabuli_NC_021167.1_5352588	Ca_kabuli_chr08	5352588	[A/G]	1067303420

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_5399562	Ca_kabuli_chr08	5399562	[T/G]	1067303423
Ca_Kabuli_NC_021167.1_5487879	Ca_kabuli_chr08	5487879	[A/G]	1067303424
Ca_Kabuli_NC_021167.1_5487890	Ca_kabuli_chr08	5487890	[A/G]	1067303425
Ca_Kabuli_NC_021167.1_5536327	Ca_kabuli_chr08	5536327	[T/G]	1067303426
Ca_Kabuli_NC_021167.1_5539039	Ca_kabuli_chr08	5539039	[A/C]	1067303427
Ca_Kabuli_NC_021167.1_5539042	Ca_kabuli_chr08	5539042	[A/C]	1067303428
Ca_Kabuli_NC_021167.1_5568446	Ca_kabuli_chr08	5568446	[A/C]	1067303429
Ca_Kabuli_NC_021167.1_5586096	Ca_kabuli_chr08	5586096	[A/T]	1067303430
Ca_Kabuli_NC_021167.1_5795614	Ca_kabuli_chr08	5795614	[C/A]	1067303431
Ca_Kabuli_NC_021167.1_5798565	Ca_kabuli_chr08	5798565	[A/C]	1067303432
Ca_Kabuli_NC_021167.1_5804741	Ca_kabuli_chr08	5804741	[A/C]	1067303433
Ca_Kabuli_NC_021167.1_5811121	Ca_kabuli_chr08	5811121	[T/G]	1067303434
Ca_Kabuli_NC_021167.1_5816919	Ca_kabuli_chr08	5816919	[T/C]	1067303435
Ca_Kabuli_NC_021167.1_5816940	Ca_kabuli_chr08	5816940	[T/A]	1067303436
Ca_Kabuli_NC_021167.1_5819130	Ca_kabuli_chr08	5819130	[T/C]	1067303437
Ca_Kabuli_NC_021167.1_5819186	Ca_kabuli_chr08	5819186	[A/G]	1067303438
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Ca_Kabuli_NC_021167.1_5870589	Ca_kabuli_chr08	5870589	[A/G]	1067303440
Ca_Kabuli_NC_021167.1_5870616	Ca_kabuli_chr08	5870616	[T/C]	1067303441
Ca_Kabuli_NC_021167.1_5870619	Ca_kabuli_chr08	5870619	[T/A]	1067303442
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Ca_Kabuli_NC_021167.1_5870634	Ca_kabuli_chr08	5870634	[A/C]	1067303444
Ca_Kabuli_NC_021167.1_5870646	Ca_kabuli_chr08	5870646	[A/G]	1067303445
Ca_Kabuli_NC_021167.1_5870664	Ca_kabuli_chr08	5870664	[T/C]	1067303446
Ca_Kabuli_NC_021167.1_5870747	Ca_kabuli_chr08	5870747	[T/C]	1067303447
Ca_Kabuli_NC_021167.1_5871361	Ca_kabuli_chr08	5871361	[T/G]	1067303448
Ca_Kabuli_NC_021167.1_5871364	Ca_kabuli_chr08	5871364	[T/G]	1067303449
Ca_Kabuli_NC_021167.1_5871367	Ca_kabuli_chr08	5871367	[T/G]	1067303450
Ca_Kabuli_NC_021167.1_5928093	Ca_kabuli_chr08	5928093	[C/A]	1067303451
Ca_Kabuli_NC_021167.1_5928094	Ca_kabuli_chr08	5928094	[A/G]	1067303452
Ca_Kabuli_NC_021167.1_5928096	Ca_kabuli_chr08	5928096	[A/T]	1067303453
Ca_Kabuli_NC_021167.1_5928097	Ca_kabuli_chr08	5928097	[G/C]	1067303454



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_5935430	Ca_kabuli_chr08	5935430	[T/G]	1067303457
Ca_Kabuli_NC_021167.1_5940320	Ca_kabuli_chr08	5940320	[T/G]	1067303458
Ca_Kabuli_NC_021167.1_5940336	Ca_kabuli_chr08	5940336	[A/C]	1067303459
Ca_Kabuli_NC_021167.1_6019988	Ca_kabuli_chr08	6019988	[T/A]	1067303460
Ca_Kabuli_NC_021167.1_6026487	Ca_kabuli_chr08	6026487	[T/G]	1067303461
Ca_Kabuli_NC_021167.1_6030777	Ca_kabuli_chr08	6030777	[A/C]	1067303462
Ca_Kabuli_NC_021167.1_6192937	Ca_kabuli_chr08	6192937	[A/G]	1067303463
Ca_Kabuli_NC_021167.1_6192944	Ca_kabuli_chr08	6192944	[T/G]	1067303464
Ca_Kabuli_NC_021167.1_6192949	Ca_kabuli_chr08	6192949	[T/A]	1067303465
Ca_Kabuli_NC_021167.1_6193075	Ca_kabuli_chr08	6193075	[G/A]	1067303466
Ca_Kabuli_NC_021167.1_6193078	Ca_kabuli_chr08	6193078	[G/A]	1067303467
Ca_Kabuli_NC_021167.1_6261325	Ca_kabuli_chr08	6261325	[A/C]	1067303468
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Ca_Kabuli_NC_021167.1_6266308	Ca_kabuli_chr08	6266308	[T/C]	1067303470
Ca_Kabuli_NC_021167.1_6278623	Ca_kabuli_chr08	6278623	[A/G]	1067303471
Ca_Kabuli_NC_021167.1_6302023	Ca_kabuli_chr08	6302023	[T/C]	1067303472
Ca_Kabuli_NC_021167.1_6477772	Ca_kabuli_chr08	6477772	[G/T]	1067303473
Ca_Kabuli_NC_021167.1_6477775	Ca_kabuli_chr08	6477775	[T/G]	1067303474
Ca_Kabuli_NC_021167.1_6477777	Ca_kabuli_chr08	6477777	[C/T]	1067303475
Ca_Kabuli_NC_021167.1_6544246	Ca_kabuli_chr08	6544246	[G/T]	1067303476
Ca_Kabuli_NC_021167.1_6549053	Ca_kabuli_chr08	6549053	[T/G]	1067303477
Ca_Kabuli_NC_021167.1_6600793	Ca_kabuli_chr08	6600793	[A/G]	1067303478
Ca_Kabuli_NC_021167.1_6600810	Ca_kabuli_chr08	6600810	[T/G]	1067303479
Ca_Kabuli_NC_021167.1_6600820	Ca_kabuli_chr08	6600820	[T/G]	1067303480
Ca_Kabuli_NC_021167.1_6600838	Ca_kabuli_chr08	6600838	[T/G]	1067303481
Ca_Kabuli_NC_021167.1_6630623	Ca_kabuli_chr08	6630623	[A/T]	1067303482
Ca_Kabuli_NC_021167.1_6630627	Ca_kabuli_chr08	6630627	[A/G]	1067303483
Ca_Kabuli_NC_021167.1_6630666	Ca_kabuli_chr08	6630666	[T/C]	1067303484
Ca_Kabuli_NC_021167.1_6630675	Ca_kabuli_chr08	6630675	[T/A]	1067303485
Ca_Kabuli_NC_021167.1_6677430	Ca_kabuli_chr08	6677430	[T/C]	1067303486
Ca_Kabuli_NC_021167.1_6677471	Ca_kabuli_chr08	6677471	[A/G]	1067303487
Ca_Kabuli_NC_021167.1_6708909	Ca_kabuli_chr08	6708909	[T/G]	1067303488

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_6737848	Ca_kabuli_chr08	6737848	[T/C]	1067303491
Ca_Kabuli_NC_021167.1_6737867	Ca_kabuli_chr08	6737867	[A/G]	1067303492
Ca_Kabuli_NC_021167.1_6747753	Ca_kabuli_chr08	6747753	[T/A]	1067303493
Ca_Kabuli_NC_021167.1_6747755	Ca_kabuli_chr08	6747755	[A/C]	1067303494
Ca_Kabuli_NC_021167.1_6747756	Ca_kabuli_chr08	6747756	[G/T]	1067303495
Ca_Kabuli_NC_021167.1_6748252	Ca_kabuli_chr08	6748252	[T/A]	1067303496
Ca_Kabuli_NC_021167.1_6748253	Ca_kabuli_chr08	6748253	[A/T]	1067303497
Ca_Kabuli_NC_021167.1_6794586	Ca_kabuli_chr08	6794586	[T/G]	1067303498
Ca_Kabuli_NC_021167.1_6941567	Ca_kabuli_chr08	6941567	[A/C]	1067303499
Ca_Kabuli_NC_021167.1_6968084	Ca_kabuli_chr08	6968084	[T/C]	1067303500
Ca_Kabuli_NC_021167.1_6986280	Ca_kabuli_chr08	6986280	[A/C]	1067303501
Ca_Kabuli_NC_021167.1_6987551	Ca_kabuli_chr08	6987551	[T/C]	1067303502
Ca_Kabuli_NC_021167.1_6989447	Ca_kabuli_chr08	6989447	[A/C]	1067303503
Ca_Kabuli_NC_021167.1_7037845	Ca_kabuli_chr08	7037845	[T/C]	1067303504
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Ca_Kabuli_NC_021167.1_7041792	Ca_kabuli_chr08	7041792	[T/C]	1067303506
Ca_Kabuli_NC_021167.1_7041823	Ca_kabuli_chr08	7041823	[A/G]	1067303507
Ca_Kabuli_NC_021167.1_7099572	Ca_kabuli_chr08	7099572	[A/C]	1067303508
Ca_Kabuli_NC_021167.1_7165021	Ca_kabuli_chr08	7165021	[A/T]	1067303509
Ca_Kabuli_NC_021167.1_7165063	Ca_kabuli_chr08	7165063	[A/T]	1067303510
Ca_Kabuli_NC_021167.1_7165070	Ca_kabuli_chr08	7165070	[A/G]	1067303511
Ca_Kabuli_NC_021167.1_7174094	Ca_kabuli_chr08	7174094	[T/A]	1067303512
Ca_Kabuli_NC_021167.1_7191898	Ca_kabuli_chr08	7191898	[G/A]	1067303513
Ca_Kabuli_NC_021167.1_7191904	Ca_kabuli_chr08	7191904	[C/A]	1067303514
Ca_Kabuli_NC_021167.1_7191930	Ca_kabuli_chr08	7191930	[T/C]	1067303515
Ca_Kabuli_NC_021167.1_7419447	Ca_kabuli_chr08	7419447	[T/C]	1067303516
Ca_Kabuli_NC_021167.1_7475051	Ca_kabuli_chr08	7475051	[A/C]	1067303517
Ca_Kabuli_NC_021167.1_7475187	Ca_kabuli_chr08	7475187	[A/C]	1067303518
Ca_Kabuli_NC_021167.1_7475192	Ca_kabuli_chr08	7475192	[A/G]	1067303519
Ca_Kabuli_NC_021167.1_7475249	Ca_kabuli_chr08	7475249	[T/A]	1067303520
Ca_Kabuli_NC_021167.1_7506032	Ca_kabuli_chr08	7506032	[T/C]	1067303521
Ca_Kabuli_NC_021167.1_7506042	Ca_kabuli_chr08	7506042	[A/C]	1067303522

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_7563382	Ca_kabuli_chr08	7563382	[C/G]	1067303525
Ca_Kabuli_NC_021167.1_7563387	Ca_kabuli_chr08	7563387	[T/A]	1067303526
Ca_Kabuli_NC_021167.1_7563650	Ca_kabuli_chr08	7563650	[A/C]	1067303527
Ca_Kabuli_NC_021167.1_7566603	Ca_kabuli_chr08	7566603	[A/T]	1067303528
Ca_Kabuli_NC_021167.1_7613558	Ca_kabuli_chr08	7613558	[A/G]	1067303529
Ca_Kabuli_NC_021167.1_7614314	Ca_kabuli_chr08	7614314	[A/C]	1067303530
Ca_Kabuli_NC_021167.1_7614319	Ca_kabuli_chr08	7614319	[T/C]	1067303531
Ca_Kabuli_NC_021167.1_7628694	Ca_kabuli_chr08	7628694	[A/G]	1067303532
Ca_Kabuli_NC_021167.1_7694692	Ca_kabuli_chr08	7694692	[A/C]	1067303533
Ca_Kabuli_NC_021167.1_7694771	Ca_kabuli_chr08	7694771	[T/G]	1067303534
Ca_Kabuli_NC_021167.1_7696107	Ca_kabuli_chr08	7696107	[T/A]	1067303535
Ca_Kabuli_NC_021167.1_7696112	Ca_kabuli_chr08	7696112	[T/G]	1067303536
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Ca_Kabuli_NC_021167.1_7699161	Ca_kabuli_chr08	7699161	[T/G]	1067303538
Ca_Kabuli_NC_021167.1_7699179	Ca_kabuli_chr08	7699179	[A/T]	1067303539
Ca_Kabuli_NC_021167.1_7699194	Ca_kabuli_chr08	7699194	[T/C]	1067303540
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Ca_Kabuli_NC_021167.1_7733620	Ca_kabuli_chr08	7733620	[A/T]	1067303542
Ca_Kabuli_NC_021167.1_7733671	Ca_kabuli_chr08	7733671	[T/C]	1067303543
Ca_Kabuli_NC_021167.1_7734545	Ca_kabuli_chr08	7734545	[T/G]	1067303544
Ca_Kabuli_NC_021167.1_7771232	Ca_kabuli_chr08	7771232	[A/T]	1067303545
Ca_Kabuli_NC_021167.1_7775908	Ca_kabuli_chr08	7775908	[G/T]	1067303546
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Ca_Kabuli_NC_021167.1_7977314	Ca_kabuli_chr08	7977314	[T/G]	1067303551
Ca_Kabuli_NC_021167.1_7978219	Ca_kabuli_chr08	7978219	[A/G]	1067303552
Ca_Kabuli_NC_021167.1_8029278	Ca_kabuli_chr08	8029278	[A/C]	1067303553
Ca_Kabuli_NC_021167.1_8029289	Ca_kabuli_chr08	8029289	[T/C]	1067303554
Ca_Kabuli_NC_021167.1_8059901	Ca_kabuli_chr08	8059901	[A/T]	1067303555
Ca_Kabuli_NC_021167.1_8066006	Ca_kabuli_chr08	8066006	[A/C]	1067303556

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_8202723	Ca_kabuli_chr08	8202723	[T/C]	1067303560
Ca_Kabuli_NC_021167.1_8232428	Ca_kabuli_chr08	8232428	[T/C]	1067303561
Ca_Kabuli_NC_021167.1_8232469	Ca_kabuli_chr08	8232469	[A/C]	1067303562
Ca_Kabuli_NC_021167.1_8232488	Ca_kabuli_chr08	8232488	[A/T]	1067303563
Ca_Kabuli_NC_021167.1_8270652	Ca_kabuli_chr08	8270652	[A/C]	1067303564
Ca_Kabuli_NC_021167.1_8389108	Ca_kabuli_chr08	8389108	[A/C]	1067303565
Ca_Kabuli_NC_021167.1_8452457	Ca_kabuli_chr08	8452457	[T/C]	1067303566
Ca_Kabuli_NC_021167.1_8509462	Ca_kabuli_chr08	8509462	[C/T]	1067303567
Ca_Kabuli_NC_021167.1_8509469	Ca_kabuli_chr08	8509469	[C/T]	1067303568
Ca_Kabuli_NC_021167.1_8509493	Ca_kabuli_chr08	8509493	[A/G]	1067303569
Ca_Kabuli_NC_021167.1_8509497	Ca_kabuli_chr08	8509497	[A/G]	1067303570
Ca_Kabuli_NC_021167.1_8533479	Ca_kabuli_chr08	8533479	[G/T]	1067303571
Ca_Kabuli_NC_021167.1_8533481	Ca_kabuli_chr08	8533481	[C/G]	1067303572
Ca_Kabuli_NC_021167.1_8560271	Ca_kabuli_chr08	8560271	[A/C]	1067303573
Ca_Kabuli_NC_021167.1_8560283	Ca_kabuli_chr08	8560283	[A/C]	1067303574
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Ca_Kabuli_NC_021167.1_8560315	Ca_kabuli_chr08	8560315	[C/T]	1067303576
Ca_Kabuli_NC_021167.1_8560328	Ca_kabuli_chr08	8560328	[T/C]	1067303577
Ca_Kabuli_NC_021167.1_8560334	Ca_kabuli_chr08	8560334	[C/T]	1067303578
Ca_Kabuli_NC_021167.1_8560337	Ca_kabuli_chr08	8560337	[T/C]	1067303579
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Ca_Kabuli_NC_021167.1_8560378	Ca_kabuli_chr08	8560378	[T/C]	1067303583
Ca_Kabuli_NC_021167.1_8661236	Ca_kabuli_chr08	8661236	[T/C]	1067303584
Ca_Kabuli_NC_021167.1_8661255	Ca_kabuli_chr08	8661255	[T/C]	1067303585
Ca_Kabuli_NC_021167.1_8661315	Ca_kabuli_chr08	8661315	[T/A]	1067303586
Ca_Kabuli_NC_021167.1_8842341	Ca_kabuli_chr08	8842341	[T/G]	1067303587
Ca_Kabuli_NC_021167.1_8842365	Ca_kabuli_chr08	8842365	[T/G]	1067303588
Ca_Kabuli_NC_021167.1_8842409	Ca_kabuli_chr08	8842409	[C/T]	1067303589
Ca_Kabuli_NC_021167.1_8842418	Ca_kabuli_chr08	8842418	[A/G]	1067303590

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_8888748	Ca_kabuli_chr08	8888748	[T/C]	1067303593
Ca_Kabuli_NC_021167.1_8902939	Ca_kabuli_chr08	8902939	[C/T]	1067303594
Ca_Kabuli_NC_021167.1_8902962	Ca_kabuli_chr08	8902962	[A/G]	1067303595
Ca_Kabuli_NC_021167.1_8904365	Ca_kabuli_chr08	8904365	[T/A]	1067303596
Ca_Kabuli_NC_021167.1_8904366	Ca_kabuli_chr08	8904366	[A/G]	1067303597
Ca_Kabuli_NC_021167.1_8911466	Ca_kabuli_chr08	8911466	[G/A]	1067303598
Ca_Kabuli_NC_021167.1_9064683	Ca_kabuli_chr08	9064683	[A/T]	1067303599
Ca_Kabuli_NC_021167.1_9064805	Ca_kabuli_chr08	9064805	[A/G]	1067303600
Ca_Kabuli_NC_021167.1_9064924	Ca_kabuli_chr08	9064924	[T/A]	1067303601
Ca_Kabuli_NC_021167.1_9097271	Ca_kabuli_chr08	9097271	[A/T]	1067303602
Ca_Kabuli_NC_021167.1_9097297	Ca_kabuli_chr08	9097297	[C/A]	1067303603
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Ca_Kabuli_NC_021167.1_9097585	Ca_kabuli_chr08	9097585	[A/C]	1067303605
Ca_Kabuli_NC_021167.1_9099798	Ca_kabuli_chr08	9099798	[G/T]	1067303606
Ca_Kabuli_NC_021167.1_9099900	Ca_kabuli_chr08	9099900	[T/G]	1067303607
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Ca_Kabuli_NC_021167.1_9112199	Ca_kabuli_chr08	9112199	[A/C]	1067303619
Ca_Kabuli_NC_021167.1_9118255	Ca_kabuli_chr08	9118255	[A/C]	1067303620
Ca_Kabuli_NC_021167.1_9118582	Ca_kabuli_chr08	9118582	[C/T]	1067303621
Ca_Kabuli_NC_021167.1_9129997	Ca_kabuli_chr08	9129997	[A/G]	1067303622
Ca_Kabuli_NC_021167.1_9130000	Ca_kabuli_chr08	9130000	[T/G]	1067303623
Ca_Kabuli_NC_021167.1_9352700	Ca_kabuli_chr08	9352700	[G/A]	1067303624

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_9371396	Ca_kabuli_chr08	9371396	[A/G]	1067303627
Ca_Kabuli_NC_021167.1_9371402	Ca_kabuli_chr08	9371402	[T/C]	1067303628
Ca_Kabuli_NC_021167.1_9383023	Ca_kabuli_chr08	9383023	[C/A]	1067303629
Ca_Kabuli_NC_021167.1_9386614	Ca_kabuli_chr08	9386614	[T/G]	1067303630
Ca_Kabuli_NC_021167.1_9386626	Ca_kabuli_chr08	9386626	[A/T]	1067303631
Ca_Kabuli_NC_021167.1_9386678	Ca_kabuli_chr08	9386678	[C/T]	1067303632
Ca_Kabuli_NC_021167.1_9386682	Ca_kabuli_chr08	9386682	[C/T]	1067303633
Ca_Kabuli_NC_021167.1_9386685	Ca_kabuli_chr08	9386685	[C/A]	1067303634
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Ca_Kabuli_NC_021167.1_9386701	Ca_kabuli_chr08	9386701	[A/C]	1067303636
Ca_Kabuli_NC_021167.1_9386722	Ca_kabuli_chr08	9386722	[A/G]	1067303637
Ca_Kabuli_NC_021167.1_9387656	Ca_kabuli_chr08	9387656	[G/T]	1067303638
Ca_Kabuli_NC_021167.1_9387668	Ca_kabuli_chr08	9387668	[T/C]	1067303639
Ca_Kabuli_NC_021167.1_9387680	Ca_kabuli_chr08	9387680	[A/C]	1067303640
Ca_Kabuli_NC_021167.1_9388734	Ca_kabuli_chr08	9388734	[A/T]	1067303641
Ca_Kabuli_NC_021167.1_10004054	Ca_kabuli_chr08	10004054	[T/G]	1067303642
Ca_Kabuli_NC_021167.1_10004490	Ca_kabuli_chr08	10004490	[A/T]	1067303643
Ca_Kabuli_NC_021167.1_10080270	Ca_kabuli_chr08	10080270	[G/T]	1067303644
Ca_Kabuli_NC_021167.1_10080287	Ca_kabuli_chr08	10080287	[A/G]	1067303645
Ca_Kabuli_NC_021167.1_10080319	Ca_kabuli_chr08	10080319	[A/G]	1067303646
Ca_Kabuli_NC_021167.1_10080348	Ca_kabuli_chr08	10080348	[T/G]	1067303647
Ca_Kabuli_NC_021167.1_10080361	Ca_kabuli_chr08	10080361	[T/G]	1067303648
Ca_Kabuli_NC_021167.1_10147041	Ca_kabuli_chr08	10147041	[A/G]	1067303649
Ca_Kabuli_NC_021167.1_10155981	Ca_kabuli_chr08	10155981	[A/G]	1067303650
Ca_Kabuli_NC_021167.1_10257576	Ca_kabuli_chr08	10257576	[T/G]	1067303651
Ca_Kabuli_NC_021167.1_10257577	Ca_kabuli_chr08	10257577	[A/T]	1067303652
Ca_Kabuli_NC_021167.1_10257601	Ca_kabuli_chr08	10257601	[A/G]	1067303653
Ca_Kabuli_NC_021167.1_10257640	Ca_kabuli_chr08	10257640	[A/G]	1067303654
Ca_Kabuli_NC_021167.1_10257647	Ca_kabuli_chr08	10257647	[C/T]	1067303655
Ca_Kabuli_NC_021167.1_10258920	Ca_kabuli_chr08	10258920	[T/G]	1067303656
Ca_Kabuli_NC_021167.1_10258924	Ca_kabuli_chr08	10258924	[A/G]	1067303657
Ca_Kabuli_NC_021167.1_10261903	Ca_kabuli_chr08	10261903	[T/G]	1067303658

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_10354334	Ca_kabuli_chr08	10354334	[T/G]	1067303661
Ca_Kabuli_NC_021167.1_10354348	Ca_kabuli_chr08	10354348	[A/G]	1067303662
Ca_Kabuli_NC_021167.1_10434008	Ca_kabuli_chr08	10434008	[A/C]	1067303663
Ca_Kabuli_NC_021167.1_10436667	Ca_kabuli_chr08	10436667	[A/C]	1067303664
Ca_Kabuli_NC_021167.1_10452098	Ca_kabuli_chr08	10452098	[A/T]	1067303665
Ca_Kabuli_NC_021167.1_10452101	Ca_kabuli_chr08	10452101	[A/G]	1067303666
Ca_Kabuli_NC_021167.1_10452982	Ca_kabuli_chr08	10452982	[A/C]	1067303667
Ca_Kabuli_NC_021167.1_10556112	Ca_kabuli_chr08	10556112	[A/C]	1067303668
Ca_Kabuli_NC_021167.1_10786843	Ca_kabuli_chr08	10786843	[C/A]	1067303669
Ca_Kabuli_NC_021167.1_10815888	Ca_kabuli_chr08	10815888	[A/G]	1067303670
Ca_Kabuli_NC_021167.1_10815904	Ca_kabuli_chr08	10815904	[T/A]	1067303671
Ca_Kabuli_NC_021167.1_10822123	Ca_kabuli_chr08	10822123	[A/G]	1067303672
Ca_Kabuli_NC_021167.1_10887267	Ca_kabuli_chr08	10887267	[T/A]	1067303673
Ca_Kabuli_NC_021167.1_10887272	Ca_kabuli_chr08	10887272	[T/A]	1067303674
Ca_Kabuli_NC_021167.1_10887292	Ca_kabuli_chr08	10887292	[C/T]	1067303675
Ca_Kabuli_NC_021167.1_10887296	Ca_kabuli_chr08	10887296	[C/T]	1067303676
Ca_Kabuli_NC_021167.1_10887558	Ca_kabuli_chr08	10887558	[T/G]	1067303677
Ca_Kabuli_NC_021167.1_10887580	Ca_kabuli_chr08	10887580	[C/T]	1067303678
Ca_Kabuli_NC_021167.1_10887602	Ca_kabuli_chr08	10887602	[G/T]	1067303679
Ca_Kabuli_NC_021167.1_10915747	Ca_kabuli_chr08	10915747	[C/T]	1067303680
Ca_Kabuli_NC_021167.1_11066644	Ca_kabuli_chr08	11066644	[C/T]	1067303681
Ca_Kabuli_NC_021167.1_11066728	Ca_kabuli_chr08	11066728	[G/A]	1067303682
Ca_Kabuli_NC_021167.1_11066975	Ca_kabuli_chr08	11066975	[T/C]	1067303683
Ca_Kabuli_NC_021167.1_11067014	Ca_kabuli_chr08	11067014	[G/A]	1067303684
Ca_Kabuli_NC_021167.1_11067090	Ca_kabuli_chr08	11067090	[C/T]	1067303685
Ca_Kabuli_NC_021167.1_11072880	Ca_kabuli_chr08	11072880	[G/A]	1067303686
Ca_Kabuli_NC_021167.1_11072896	Ca_kabuli_chr08	11072896	[C/T]	1067303687
Ca_Kabuli_NC_021167.1_11072914	Ca_kabuli_chr08	11072914	[T/C]	1067303688
Ca_Kabuli_NC_021167.1_11072923	Ca_kabuli_chr08	11072923	[G/A]	1067303689
Ca_Kabuli_NC_021167.1_11087123	Ca_kabuli_chr08	11087123	[C/T]	1067303690
Ca_Kabuli_NC_021167.1_11087143	Ca_kabuli_chr08	11087143	[A/G]	1067303691
Ca_Kabuli_NC_021167.1_11087302	Ca_kabuli_chr08	11087302	[A/T]	1067303692

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_11121469	Ca_kabuli_chr08	11121469	[A/C]	1067303695
Ca_Kabuli_NC_021167.1_11121777	Ca_kabuli_chr08	11121777	[G/A]	1067303696
Ca_Kabuli_NC_021167.1_11128030	Ca_kabuli_chr08	11128030	[T/A]	1067303697
Ca_Kabuli_NC_021167.1_11176583	Ca_kabuli_chr08	11176583	[G/T]	1067303698
Ca_Kabuli_NC_021167.1_11231820	Ca_kabuli_chr08	11231820	[A/G]	1067303699
Ca_Kabuli_NC_021167.1_11231834	Ca_kabuli_chr08	11231834	[A/G]	1067303700
Ca_Kabuli_NC_021167.1_11231837	Ca_kabuli_chr08	11231837	[A/G]	1067303701
Ca_Kabuli_NC_021167.1_11240205	Ca_kabuli_chr08	11240205	[T/G]	1067303702
Ca_Kabuli_NC_021167.1_11240211	Ca_kabuli_chr08	11240211	[T/G]	1067303703
Ca_Kabuli_NC_021167.1_11240212	Ca_kabuli_chr08	11240212	[A/T]	1067303704
Ca_Kabuli_NC_021167.1_11240234	Ca_kabuli_chr08	11240234	[A/G]	1067303705
Ca_Kabuli_NC_021167.1_11240258	Ca_kabuli_chr08	11240258	[A/G]	1067303706
Ca_Kabuli_NC_021167.1_11240408	Ca_kabuli_chr08	11240408	[T/G]	1067303707
Ca_Kabuli_NC_021167.1_11243243	Ca_kabuli_chr08	11243243	[T/C]	1067303708
Ca_Kabuli_NC_021167.1_11243256	Ca_kabuli_chr08	11243256	[A/C]	1067303709
Ca_Kabuli_NC_021167.1_11243263	Ca_kabuli_chr08	11243263	[A/C]	1067303710
Ca_Kabuli_NC_021167.1_11332970	Ca_kabuli_chr08	11332970	[T/A]	1067303711
Ca_Kabuli_NC_021167.1_11377770	Ca_kabuli_chr08	11377770	[T/G]	1067303712
Ca_Kabuli_NC_021167.1_11403805	Ca_kabuli_chr08	11403805	[A/G]	1067303713
Ca_Kabuli_NC_021167.1_11548440	Ca_kabuli_chr08	11548440	[T/G]	1067303714
Ca_Kabuli_NC_021167.1_11629709	Ca_kabuli_chr08	11629709	[T/C]	1067303715
Ca_Kabuli_NC_021167.1_11630126	Ca_kabuli_chr08	11630126	[A/C]	1067303716
Ca_Kabuli_NC_021167.1_11631807	Ca_kabuli_chr08	11631807	[T/G]	1067303717
Ca_Kabuli_NC_021167.1_11632814	Ca_kabuli_chr08	11632814	[A/G]	1067303718
Ca_Kabuli_NC_021167.1_11696117	Ca_kabuli_chr08	11696117	[A/G]	1067303719
Ca_Kabuli_NC_021167.1_11696123	Ca_kabuli_chr08	11696123	[A/C]	1067303720
Ca_Kabuli_NC_021167.1_11722520	Ca_kabuli_chr08	11722520	[T/A]	1067303721
Ca_Kabuli_NC_021167.1_11722522	Ca_kabuli_chr08	11722522	[A/T]	1067303722
Ca_Kabuli_NC_021167.1_11751059	Ca_kabuli_chr08	11751059	[A/T]	1067303723
Ca_Kabuli_NC_021167.1_11751065	Ca_kabuli_chr08	11751065	[A/G]	1067303724
Ca_Kabuli_NC_021167.1_11751093	Ca_kabuli_chr08	11751093	[T/G]	1067303725
Ca_Kabuli_NC_021167.1_11843704	Ca_kabuli_chr08	11843704	[G/T]	1067303726



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_12857978	Ca_kabuli_chr08	12857978	[A/C]	1067303729
Ca_Kabuli_NC_021167.1_12865268	Ca_kabuli_chr08	12865268	[T/A]	1067303730
Ca_Kabuli_NC_021167.1_13057906	Ca_kabuli_chr08	13057906	[A/T]	1067303731
Ca_Kabuli_NC_021167.1_13057957	Ca_kabuli_chr08	13057957	[A/G]	1067303732
Ca_Kabuli_NC_021167.1_13058012	Ca_kabuli_chr08	13058012	[A/T]	1067303733
Ca_Kabuli_NC_021167.1_13058018	Ca_kabuli_chr08	13058018	[A/T]	1067303734
Ca_Kabuli_NC_021167.1_13134787	Ca_kabuli_chr08	13134787	[T/G]	1067303735
Ca_Kabuli_NC_021167.1_13134791	Ca_kabuli_chr08	13134791	[T/G]	1067303736
Ca_Kabuli_NC_021167.1_13248268	Ca_kabuli_chr08	13248268	[T/C]	1067303737
Ca_Kabuli_NC_021167.1_13830326	Ca_kabuli_chr08	13830326	[T/G]	1067303738
Ca_Kabuli_NC_021167.1_13830332	Ca_kabuli_chr08	13830332	[A/G]	1067303739
Ca_Kabuli_NC_021167.1_13830341	Ca_kabuli_chr08	13830341	[A/G]	1067303740
Ca_Kabuli_NC_021167.1_13840715	Ca_kabuli_chr08	13840715	[G/A]	1067303741
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Ca_Kabuli_NC_021167.1_13968426	Ca_kabuli_chr08	13968426	[A/G]	1067303744
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Ca_Kabuli_NC_021167.1_13982907	Ca_kabuli_chr08	13982907	[C/A]	1067303746
Ca_Kabuli_NC_021167.1_13982908	Ca_kabuli_chr08	13982908	[T/G]	1067303747
Ca_Kabuli_NC_021167.1_14007360	Ca_kabuli_chr08	14007360	[A/T]	1067303748
Ca_Kabuli_NC_021167.1_14124588	Ca_kabuli_chr08	14124588	[C/A]	1067303749
Ca_Kabuli_NC_021167.1_14253920	Ca_kabuli_chr08	14253920	[G/A]	1067303750
Ca_Kabuli_NC_021167.1_14260970	Ca_kabuli_chr08	14260970	[G/T]	1067303751
Ca_Kabuli_NC_021167.1_14320494	Ca_kabuli_chr08	14320494	[T/A]	1067303752
Ca_Kabuli_NC_021167.1_14320512	Ca_kabuli_chr08	14320512	[A/C]	1067303753
Ca_Kabuli_NC_021167.1_14320523	Ca_kabuli_chr08	14320523	[A/G]	1067303754
Ca_Kabuli_NC_021167.1_14324155	Ca_kabuli_chr08	14324155	[A/C]	1067303755
Ca_Kabuli_NC_021167.1_14324185	Ca_kabuli_chr08	14324185	[T/A]	1067303756
Ca_Kabuli_NC_021167.1_14325980	Ca_kabuli_chr08	14325980	[C/A]	1067303757
Ca_Kabuli_NC_021167.1_14347844	Ca_kabuli_chr08	14347844	[A/G]	1067303758
Ca_Kabuli_NC_021167.1_14444375	Ca_kabuli_chr08	14444375	[T/G]	1067303759
Ca_Kabuli_NC_021167.1_14468477	Ca_kabuli_chr08	14468477	[T/C]	1067303760

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_14640878	Ca_kabuli_chr08	14640878	[T/G]	1067303763
Ca_Kabuli_NC_021167.1_14640943	Ca_kabuli_chr08	14640943	[T/C]	1067303764
Ca_Kabuli_NC_021167.1_14640967	Ca_kabuli_chr08	14640967	[A/C]	1067303765
Ca_Kabuli_NC_021167.1_14715490	Ca_kabuli_chr08	14715490	[T/G]	1067303766
Ca_Kabuli_NC_021167.1_14715495	Ca_kabuli_chr08	14715495	[T/G]	1067303767
Ca_Kabuli_NC_021167.1_14718763	Ca_kabuli_chr08	14718763	[A/T]	1067303768
Ca_Kabuli_NC_021167.1_14749076	Ca_kabuli_chr08	14749076	[T/G]	1067303769
Ca_Kabuli_NC_021167.1_14753542	Ca_kabuli_chr08	14753542	[T/G]	1067303770
Ca_Kabuli_NC_021167.1_14760860	Ca_kabuli_chr08	14760860	[T/C]	1067303771
Ca_Kabuli_NC_021167.1_14803020	Ca_kabuli_chr08	14803020	[A/C]	1067303772
Ca_Kabuli_NC_021167.1_14803048	Ca_kabuli_chr08	14803048	[T/G]	1067303773
Ca_Kabuli_NC_021167.1_14821416	Ca_kabuli_chr08	14821416	[G/A]	1067303774
Ca_Kabuli_NC_021167.1_14821979	Ca_kabuli_chr08	14821979	[G/A]	1067303775
Ca_Kabuli_NC_021167.1_14822011	Ca_kabuli_chr08	14822011	[C/T]	1067303776
Ca_Kabuli_NC_021167.1_14862045	Ca_kabuli_chr08	14862045	[T/C]	1067303777
Ca_Kabuli_NC_021167.1_14862048	Ca_kabuli_chr08	14862048	[T/C]	1067303778
Ca_Kabuli_NC_021167.1_14862189	Ca_kabuli_chr08	14862189	[T/G]	1067303779
Ca_Kabuli_NC_021167.1_14970630	Ca_kabuli_chr08	14970630	[T/A]	1067303780
Ca_Kabuli_NC_021167.1_14986504	Ca_kabuli_chr08	14986504	[A/G]	1067303781
Ca_Kabuli_NC_021167.1_15131125	Ca_kabuli_chr08	15131125	[T/A]	1067303782
Ca_Kabuli_NC_021167.1_15131129	Ca_kabuli_chr08	15131129	[T/G]	1067303783
Ca_Kabuli_NC_021167.1_15131151	Ca_kabuli_chr08	15131151	[A/C]	1067303784
Ca_Kabuli_NC_021167.1_15131175	Ca_kabuli_chr08	15131175	[G/A]	1067303785
Ca_Kabuli_NC_021167.1_15219937	Ca_kabuli_chr08	15219937	[A/T]	1067303786
Ca_Kabuli_NC_021167.1_15321476	Ca_kabuli_chr08	15321476	[G/A]	1067303787
Ca_Kabuli_NC_021167.1_15375254	Ca_kabuli_chr08	15375254	[A/C]	1067303788
Ca_Kabuli_NC_021167.1_15380024	Ca_kabuli_chr08	15380024	[A/T]	1067303789
Ca_Kabuli_NC_021167.1_15479341	Ca_kabuli_chr08	15479341	[T/G]	1067303790
Ca_Kabuli_NC_021167.1_15482079	Ca_kabuli_chr08	15482079	[G/T]	1067303791
Ca_Kabuli_NC_021167.1_15482534	Ca_kabuli_chr08	15482534	[A/C]	1067303792
Ca_Kabuli_NC_021167.1_15484031	Ca_kabuli_chr08	15484031	[A/T]	1067303793
Ca_Kabuli_NC_021167.1_15484046	Ca_kabuli_chr08	15484046	[T/G]	1067303794

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NC_021167.1_15590280	Ca_kabuli_chr08	15590280	[A/C]	1067303797
Ca_Kabuli_NC_021167.1_15638443	Ca_kabuli_chr08	15638443	[A/C]	1067303798
Ca_Kabuli_NC_021167.1_15692070	Ca_kabuli_chr08	15692070	[G/A]	1067303799
Ca_Kabuli_NC_021167.1_15695815	Ca_kabuli_chr08	15695815	[A/G]	1067303800
Ca_Kabuli_NC_021167.1_15764837	Ca_kabuli_chr08	15764837	[A/G]	1067303801
Ca_Kabuli_NC_021167.1_15764865	Ca_kabuli_chr08	15764865	[A/G]	1067303802
Ca_Kabuli_NC_021167.1_15764899	Ca_kabuli_chr08	15764899	[T/C]	1067303803
Ca_Kabuli_NC_021167.1_15771041	Ca_kabuli_chr08	15771041	[A/G]	1067303804
Ca_Kabuli_NC_021167.1_15812581	Ca_kabuli_chr08	15812581	[A/G]	1067303805
Ca_Kabuli_NC_021167.1_15812587	Ca_kabuli_chr08	15812587	[T/C]	1067303806
Ca_Kabuli_NC_021167.1_15826107	Ca_kabuli_chr08	15826107	[T/G]	1067303807
Ca_Kabuli_NC_021167.1_15828286	Ca_kabuli_chr08	15828286	[A/T]	1067303808
Ca_Kabuli_NC_021167.1_15828325	Ca_kabuli_chr08	15828325	[T/A]	1067303809
Ca_Kabuli_NC_021167.1_15863470	Ca_kabuli_chr08	15863470	[A/G]	1067303810
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Ca_Kabuli_NC_021167.1_15873044	Ca_kabuli_chr08	15873044	[A/C]	1067303812
Ca_Kabuli_NC_021167.1_15935288	Ca_kabuli_chr08	15935288	[A/G]	1067303813
Ca_Kabuli_NC_021167.1_15935314	Ca_kabuli_chr08	15935314	[A/C]	1067303814
Ca_Kabuli_NC_021167.1_16022432	Ca_kabuli_chr08	16022432	[C/T]	1067303815
Ca_Kabuli_NC_021167.1_16022511	Ca_kabuli_chr08	16022511	[T/C]	1067303816
Ca_Kabuli_NC_021167.1_16076156	Ca_kabuli_chr08	16076156	[A/C]	1067303817
Ca_Kabuli_NC_021167.1_16076220	Ca_kabuli_chr08	16076220	[T/C]	1067303818
Ca_Kabuli_NC_021167.1_16076223	Ca_kabuli_chr08	16076223	[A/T]	1067303819
Ca_Kabuli_NC_021167.1_16076255	Ca_kabuli_chr08	16076255	[A/C]	1067303820
Ca_Kabuli_NC_021167.1_16102356	Ca_kabuli_chr08	16102356	[G/T]	1067303821
Ca_Kabuli_NC_021167.1_16129739	Ca_kabuli_chr08	16129739	[T/G]	1067303822
Ca_Kabuli_NC_021167.1_16129741	Ca_kabuli_chr08	16129741	[T/A]	1067303823
Ca_Kabuli_NC_021167.1_16129767	Ca_kabuli_chr08	16129767	[A/G]	1067303824
Ca_Kabuli_NC_021167.1_16151176	Ca_kabuli_chr08	16151176	[C/A]	1067303825
Ca_Kabuli_NC_021167.1_16151177	Ca_kabuli_chr08	16151177	[A/T]	1067303826
Ca_Kabuli_NC_021167.1_16151178	Ca_kabuli_chr08	16151178	[A/C]	1067303827
Ca_Kabuli_NC_021167.1_16151179	Ca_kabuli_chr08	16151179	[G/T]	1067303828

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NC_021167.1_16222056	Ca_kabuli_chr08	16222056	[T/A]	1067303829
Ca_Kabuli_NC_021167.1_16264262	Ca_kabuli_chr08	16264262	[T/G]	1067303830
Ca_Kabuli_NC_021167.1_16284238	Ca_kabuli_chr08	16284238	[C/T]	1067303831
Ca_Kabuli_NC_021167.1_16326539	Ca_kabuli_chr08	16326539	[A/C]	1067303832
Ca_Kabuli_NC_021167.1_16333842	Ca_kabuli_chr08	16333842	[T/C]	1067303833
Ca_Kabuli_NC_021167.1_16411504	Ca_kabuli_chr08	16411504	[T/C]	1067303834
Ca_Kabuli_NC_021167.1_16412539	Ca_kabuli_chr08	16412539	[T/C]	1067303835
Ca_Kabuli_NC_021167.1_16413199	Ca_kabuli_chr08	16413199	[T/G]	1067303836
Ca_Kabuli_NC_021167.1_16421377	Ca_kabuli_chr08	16421377	[A/G]	1067303837
Ca_Kabuli_NC_021167.1_16421410	Ca_kabuli_chr08	16421410	[A/T]	1067303838
Ca_Kabuli_NC_021167.1_16421487	Ca_kabuli_chr08	16421487	[T/C]	1067303839
Ca_Kabuli_NC_021167.1_16421534	Ca_kabuli_chr08	16421534	[T/G]	1067303840
Ca_Kabuli_NC_021167.1_16421549	Ca_kabuli_chr08	16421549	[T/C]	1067303841
Ca_Kabuli_NC_021167.1_16421551	Ca_kabuli_chr08	16421551	[A/G]	1067303842
Ca_Kabuli_NC_021167.1_16421613	Ca_kabuli_chr08	16421613	[A/G]	1067303843
Ca_Kabuli_NC_021167.1_16421629	Ca_kabuli_chr08	16421629	[T/C]	1067303844
Ca_Kabuli_NC_021167.1_16432863	Ca_kabuli_chr08	16432863	[A/G]	1067303845
Ca_Kabuli_NC_021167.1_16432866	Ca_kabuli_chr08	16432866	[T/A]	1067303846
Ca_Kabuli_NW_004515636.1_4014	Ca_kabuli_scaffold	4014	[T/C]	1067303847
Ca_Kabuli_NW_004515636.1_4065	Ca_kabuli_scaffold	4065	[T/C]	1067303848
Ca_Kabuli_NW_004515636.1_5063	Ca_kabuli_scaffold	5063	[A/G]	1067303849
Ca_Kabuli_NW_004515636.1_5064	Ca_kabuli_scaffold	5064	[G/A]	1067303850
Ca_Kabuli_NW_004515636.1_5065	Ca_kabuli_scaffold	5065	[C/T]	1067303851
Ca_Kabuli_NW_004515636.1_5143	Ca_kabuli_scaffold	5143	[C/A]	1067303852
Ca_Kabuli_NW_004515636.1_5145	Ca_kabuli_scaffold	5145	[T/C]	1067303853
Ca_Kabuli_NW_004515636.1_5149	Ca_kabuli_scaffold	5149	[C/A]	1067303854
Ca_Kabuli_NW_004515636.1_5550	Ca_kabuli_scaffold	5550	[T/C]	1067303855
Ca_Kabuli_NW_004515636.1_5811	Ca_kabuli_scaffold	5811	[T/C]	1067303856
Ca_Kabuli_NW_004515636.1_6264	Ca_kabuli_scaffold	6264	[G/A]	1067303857
Ca_Kabuli_NW_004515636.1_6265	Ca_kabuli_scaffold	6265	[C/T]	1067303858
Ca_Kabuli_NW_004515636.1_6268	Ca_kabuli_scaffold	6268	[T/C]	1067303859
Ca_Kabuli_NW_004515636.1_6322	Ca_kabuli_scaffold	6322	[A/G]	1067303860
Ca_Kabuli_NW_004515636.1_6325	Ca_kabuli_scaffold	6325	[A/T]	1067303861
Ca_Kabuli_NW_004515636.1_6326	Ca_kabuli_scaffold	6326	[T/G]	1067303862

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515636.1_19605	Ca_kabuli_scaffold	19605	[C/T]	1067303863
Ca_Kabuli_NW_004515636.1_19615	Ca_kabuli_scaffold	19615	[C/T]	1067303864
Ca_Kabuli_NW_004515636.1_19624	Ca_kabuli_scaffold	19624	[G/A]	1067303865
Ca_Kabuli_NW_004515636.1_19659	Ca_kabuli_scaffold	19659	[G/A]	1067303866
Ca_Kabuli_NW_004515636.1_19662	Ca_kabuli_scaffold	19662	[G/A]	1067303867
Ca_Kabuli_NW_004515636.1_19669	Ca_kabuli_scaffold	19669	[G/A]	1067303868
Ca_Kabuli_NW_004515636.1_19686	Ca_kabuli_scaffold	19686	[A/T]	1067303869
Ca_Kabuli_NW_004515636.1_20193	Ca_kabuli_scaffold	20193	[A/G]	1067303870
Ca_Kabuli_NW_004515636.1_20198	Ca_kabuli_scaffold	20198	[A/G]	1067303871
Ca_Kabuli_NW_004515636.1_20306	Ca_kabuli_scaffold	20306	[T/A]	1067303872
Ca_Kabuli_NW_004515636.1_23439	Ca_kabuli_scaffold	23439	[A/C]	1067303873
Ca_Kabuli_NW_004515636.1_25828	Ca_kabuli_scaffold	25828	[T/C]	1067303874
Ca_Kabuli_NW_004515636.1_25829	Ca_kabuli_scaffold	25829	[G/A]	1067303875
Ca_Kabuli_NW_004515636.1_25830	Ca_kabuli_scaffold	25830	[C/T]	1067303876
Ca_Kabuli_NW_004515636.1_27212	Ca_kabuli_scaffold	27212	[A/G]	1067303877
Ca_Kabuli_NW_004515636.1_27588	Ca_kabuli_scaffold	27588	[A/C]	1067303878
Ca_Kabuli_NW_004515636.1_27603	Ca_kabuli_scaffold	27603	[T/G]	1067303879
Ca_Kabuli_NW_004515636.1_27605	Ca_kabuli_scaffold	27605	[C/A]	1067303880
Ca_Kabuli_NW_004515636.1_27622	Ca_kabuli_scaffold	27622	[A/G]	1067303881
Ca_Kabuli_NW_004515636.1_27768	Ca_kabuli_scaffold	27768	[A/T]	1067303882
Ca_Kabuli_NW_004515636.1_46448	Ca_kabuli_scaffold	46448	[G/A]	1067303883
Ca_Kabuli_NW_004515636.1_46449	Ca_kabuli_scaffold	46449	[C/T]	1067303884
Ca_Kabuli_NW_004515636.1_46450	Ca_kabuli_scaffold	46450	[C/T]	1067303885
Ca_Kabuli_NW_004515636.1_47700	Ca_kabuli_scaffold	47700	[G/A]	1067303886
Ca_Kabuli_NW_004515636.1_47701	Ca_kabuli_scaffold	47701	[C/T]	1067303887
Ca_Kabuli_NW_004515636.1_47706	Ca_kabuli_scaffold	47706	[T/G]	1067303888
Ca_Kabuli_NW_004515636.1_47744	Ca_kabuli_scaffold	47744	[T/G]	1067303889
Ca_Kabuli_NW_004515636.1_47756	Ca_kabuli_scaffold	47756	[T/A]	1067303890
Ca_Kabuli_NW_004515636.1_47760	Ca_kabuli_scaffold	47760	[G/C]	1067303891
Ca_Kabuli_NW_004515636.1_47761	Ca_kabuli_scaffold	47761	[G/T]	1067303892
Ca_Kabuli_NW_004515636.1_47762	Ca_kabuli_scaffold	47762	[A/G]	1067303893
Ca_Kabuli_NW_004515636.1_47783	Ca_kabuli_scaffold	47783	[A/G]	1067303894
Ca_Kabuli_NW_004515636.1_47789	Ca_kabuli_scaffold	47789	[A/G]	1067303895
Ca_Kabuli_NW_004515636.1_50492	Ca_kabuli_scaffold	50492	[T/C]	1067303896

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NW_004515636.1_113771	Ca_kabuli_scaffold	113771	[A/G]	1067303898
Ca_Kabuli_NW_004515636.1_113829	Ca_kabuli_scaffold	113829	[G/A]	1067303899
Ca_Kabuli_NW_004515636.1_113830	Ca_kabuli_scaffold	113830	[C/G]	1067303900
Ca_Kabuli_NW_004515636.1_113831	Ca_kabuli_scaffold	113831	[T/G]	1067303901
Ca_Kabuli_NW_004515636.1_117587	Ca_kabuli_scaffold	117587	[A/T]	1067303902
Ca_Kabuli_NW_004515636.1_117594	Ca_kabuli_scaffold	117594	[T/C]	1067303903
Ca_Kabuli_NW_004515636.1_123633	Ca_kabuli_scaffold	123633	[A/T]	1067303904
Ca_Kabuli_NW_004515636.1_123649	Ca_kabuli_scaffold	123649	[T/C]	1067303905
Ca_Kabuli_NW_004515636.1_123700	Ca_kabuli_scaffold	123700	[T/C]	1067303906
Ca_Kabuli_NW_004515636.1_123726	Ca_kabuli_scaffold	123726	[T/C]	1067303907
Ca_Kabuli_NW_004515638.1_137309	Ca_kabuli_scaffold	137309	[T/G]	1067303908
Ca_Kabuli_NW_004515638.1_137415	Ca_kabuli_scaffold	137415	[G/T]	1067303909
Ca_Kabuli_NW_004515638.1_137430	Ca_kabuli_scaffold	137430	[T/G]	1067303910
Ca_Kabuli_NW_004515638.1_345193	Ca_kabuli_scaffold	345193	[A/G]	1067303911
Ca_Kabuli_NW_004515642.1_48870	Ca_kabuli_scaffold	48870	[C/G]	1067303912
Ca_Kabuli_NW_004515642.1_48871	Ca_kabuli_scaffold	48871	[C/A]	1067303913
Ca_Kabuli_NW_004515642.1_48874	Ca_kabuli_scaffold	48874	[G/T]	1067303914
Ca_Kabuli_NW_004515644.1_95	Ca_kabuli_scaffold	95	[G/A]	1067303915
Ca_Kabuli_NW_004515644.1_134	Ca_kabuli_scaffold	134	[T/C]	1067303916
Ca_Kabuli_NW_004515644.1_136	Ca_kabuli_scaffold	136	[A/G]	1067303917
Ca_Kabuli_NW_004515644.1_140	Ca_kabuli_scaffold	140	[C/A]	1067303918
Ca_Kabuli_NW_004515644.1_230	Ca_kabuli_scaffold	230	[C/T]	1067303919
Ca_Kabuli_NW_004515644.1_249	Ca_kabuli_scaffold	249	[T/C]	1067303920
Ca_Kabuli_NW_004515644.1_200563	Ca_kabuli_scaffold	200563	[A/G]	1067303921
Ca_Kabuli_NW_004515644.1_332963	Ca_kabuli_scaffold	332963	[C/T]	1067303922
Ca_Kabuli_NW_004515645.1_94025	Ca_kabuli_scaffold	94025	[T/C]	1067303923
Ca_Kabuli_NW_004515645.1_94054	Ca_kabuli_scaffold	94054	[A/G]	1067303924
Ca_Kabuli_NW_004515645.1_94076	Ca_kabuli_scaffold	94076	[A/T]	1067303925
Ca_Kabuli_NW_004515645.1_94087	Ca_kabuli_scaffold	94087	[T/C]	1067303926
Ca_Kabuli_NW_004515645.1_94089	Ca_kabuli_scaffold	94089	[A/T]	1067303927
Ca_Kabuli_NW_004515646.1_113532	Ca_kabuli_scaffold	113532	[A/G]	1067303928
Ca_Kabuli_NW_004515646.1_113582	Ca_kabuli_scaffold	113582	[G/C]	1067303929
Ca_Kabuli_NW_004515646.1_113584	Ca_kabuli_scaffold	113584	[G/A]	1067303930

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515651.1_449103	Ca_kabuli_scaffold	449103	[A/G]	1067303931
Ca_Kabuli_NW_004515651.1_495572	Ca_kabuli_scaffold	495572	[G/A]	1067303932
Ca_Kabuli_NW_004515651.1_495579	Ca_kabuli_scaffold	495579	[A/G]	1067303933
Ca_Kabuli_NW_004515651.1_495584	Ca_kabuli_scaffold	495584	[G/A]	1067303934
Ca_Kabuli_NW_004515651.1_495604	Ca_kabuli_scaffold	495604	[A/G]	1067303935
Ca_Kabuli_NW_004515651.1_501445	Ca_kabuli_scaffold	501445	[G/A]	1067303936
Ca_Kabuli_NW_004515653.1_43725	Ca_kabuli_scaffold	43725	[G/A]	1067303937
Ca_Kabuli_NW_004515653.1_43769	Ca_kabuli_scaffold	43769	[T/A]	1067303938
Ca_Kabuli_NW_004515656.1_413691	Ca_kabuli_scaffold	413691	[G/A]	1067303939
Ca_Kabuli_NW_004515656.1_413713	Ca_kabuli_scaffold	413713	[A/C]	1067303940
Ca_Kabuli_NW_004515656.1_413719	Ca_kabuli_scaffold	413719	[G/A]	1067303941
Ca_Kabuli_NW_004515656.1_457416	Ca_kabuli_scaffold	457416	[A/G]	1067303942
Ca_Kabuli_NW_004515656.1_457455	Ca_kabuli_scaffold	457455	[A/G]	1067303943
Ca_Kabuli_NW_004515656.1_480520	Ca_kabuli_scaffold	480520	[A/C]	1067303944
Ca_Kabuli_NW_004515656.1_520311	Ca_kabuli_scaffold	520311	[A/G]	1067303945
Ca_Kabuli_NW_004515656.1_541373	Ca_kabuli_scaffold	541373	[G/T]	1067303946
Ca_Kabuli_NW_004515658.1_378128	Ca_kabuli_scaffold	378128	[A/C]	1067303947
Ca_Kabuli_NW_004515658.1_548610	Ca_kabuli_scaffold	548610	[T/G]	1067303948
Ca_Kabuli_NW_004515658.1_563568	Ca_kabuli_scaffold	563568	[A/C]	1067303949
Ca_Kabuli_NW_004515658.1_871280	Ca_kabuli_scaffold	871280	[A/G]	1067303950
Ca_Kabuli_NW_004515658.1_871346	Ca_kabuli_scaffold	871346	[A/G]	1067303951
Ca_Kabuli_NW_004515658.1_911602	Ca_kabuli_scaffold	911602	[G/T]	1067303952
Ca_Kabuli_NW_004515658.1_961089	Ca_kabuli_scaffold	961089	[A/G]	1067303953
Ca_Kabuli_NW_004515658.1_962807	Ca_kabuli_scaffold	962807	[T/A]	1067303954
Ca_Kabuli_NW_004515658.1_992528	Ca_kabuli_scaffold	992528	[T/C]	1067303955
Ca_Kabuli_NW_004515658.1_992544	Ca_kabuli_scaffold	992544	[A/G]	1067303956
Ca_Kabuli_NW_004515658.1_992549	Ca_kabuli_scaffold	992549	[T/G]	1067303957
Ca_Kabuli_NW_004515658.1_992635	Ca_kabuli_scaffold	992635	[T/G]	1067303958
Ca_Kabuli_NW_004515658.1_997950	Ca_kabuli_scaffold	997950	[A/C]	1067303959
Ca_Kabuli_NW_004515658.1_1002666	Ca_kabuli_scaffold	1002666	[T/G]	1067303960
Ca_Kabuli_NW_004515658.1_1002673	Ca_kabuli_scaffold	1002673	[T/G]	1067303961
Ca_Kabuli_NW_004515658.1_1002679	Ca_kabuli_scaffold	1002679	[G/T]	1067303962
Ca_Kabuli_NW_004515658.1_1002680	Ca_kabuli_scaffold	1002680	[T/G]	1067303963
Ca_Kabuli_NW_004515658.1_1002765	Ca_kabuli_scaffold	1002765	[C/G]	1067303964

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NW_004515658.1_1039242	Ca_kabuli_scaffold	1039242	[A/C]	1067303966
Ca_Kabuli_NW_004515658.1_1049122	Ca_kabuli_scaffold	1049122	[A/G]	1067303967
Ca_Kabuli_NW_004515658.1_1049135	Ca_kabuli_scaffold	1049135	[C/A]	1067303968
Ca_Kabuli_NW_004515658.1_1049702	Ca_kabuli_scaffold	1049702	[T/C]	1067303969
Ca_Kabuli_NW_004515658.1_1050164	Ca_kabuli_scaffold	1050164	[T/C]	1067303970
Ca_Kabuli_NW_004515658.1_1052918	Ca_kabuli_scaffold	1052918	[T/G]	1067303971
Ca_Kabuli_NW_004515658.1_1052919	Ca_kabuli_scaffold	1052919	[C/G]	1067303972
Ca_Kabuli_NW_004515658.1_1052920	Ca_kabuli_scaffold	1052920	[T/C]	1067303973
Ca_Kabuli_NW_004515658.1_1052921	Ca_kabuli_scaffold	1052921	[T/C]	1067303974
Ca_Kabuli_NW_004515658.1_1052922	Ca_kabuli_scaffold	1052922	[T/A]	1067303975
Ca_Kabuli_NW_004515658.1_1052923	Ca_kabuli_scaffold	1052923	[A/T]	1067303976
Ca_Kabuli_NW_004515658.1_1052983	Ca_kabuli_scaffold	1052983	[A/G]	1067303977
Ca_Kabuli_NW_004515658.1_1053185	Ca_kabuli_scaffold	1053185	[T/G]	1067303978
Ca_Kabuli_NW_004515658.1_1053215	Ca_kabuli_scaffold	1053215	[A/G]	1067303979
Ca_Kabuli_NW_004515658.1_1053247	Ca_kabuli_scaffold	1053247	[A/G]	1067303980
Ca_Kabuli_NW_004515658.1_1053261	Ca_kabuli_scaffold	1053261	[C/T]	1067303981
Ca_Kabuli_NW_004515659.1_137462	Ca_kabuli_scaffold	137462	[G/A]	1067303982
Ca_Kabuli_NW_004515662.1_39438	Ca_kabuli_scaffold	39438	[C/A]	1067303983
Ca_Kabuli_NW_004515662.1_39470	Ca_kabuli_scaffold	39470	[C/T]	1067303984
Ca_Kabuli_NW_004515663.1_74704	Ca_kabuli_scaffold	74704	[T/C]	1067303985
Ca_Kabuli_NW_004515663.1_74707	Ca_kabuli_scaffold	74707	[T/C]	1067303986
Ca_Kabuli_NW_004515663.1_74710	Ca_kabuli_scaffold	74710	[T/A]	1067303987
Ca_Kabuli_NW_004515663.1_74714	Ca_kabuli_scaffold	74714	[C/A]	1067303988
Ca_Kabuli_NW_004515663.1_74722	Ca_kabuli_scaffold	74722	[T/C]	1067303989
Ca_Kabuli_NW_004515663.1_74743	Ca_kabuli_scaffold	74743	[G/A]	1067303990
Ca_Kabuli_NW_004515663.1_74749	Ca_kabuli_scaffold	74749	[G/A]	1067303991
Ca_Kabuli_NW_004515663.1_224738	Ca_kabuli_scaffold	224738	[T/C]	1067303992
Ca_Kabuli_NW_004515665.1_78661	Ca_kabuli_scaffold	78661	[T/C]	1067303993
Ca_Kabuli_NW_004515665.1_151898	Ca_kabuli_scaffold	151898	[A/C]	1067303994
Ca_Kabuli_NW_004515665.1_191558	Ca_kabuli_scaffold	191558	[T/G]	1067303995
Ca_Kabuli_NW_004515665.1_192020	Ca_kabuli_scaffold	192020	[T/G]	1067303996
Ca_Kabuli_NW_004515665.1_192023	Ca_kabuli_scaffold	192023	[A/G]	1067303997
Ca_Kabuli_NW_004515665.1_192061	Ca_kabuli_scaffold	192061	[A/T]	1067303998



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515665.1_192163	Ca_kabuli_scaffold	192163	[T/G]	1067303999
Ca_Kabuli_NW_004515665.1_195831	Ca_kabuli_scaffold	195831	[T/C]	1067304000
Ca_Kabuli_NW_004515665.1_195897	Ca_kabuli_scaffold	195897	[A/C]	1067304001
Ca_Kabuli_NW_004515665.1_196116	Ca_kabuli_scaffold	196116	[T/C]	1067304002
Ca_Kabuli_NW_004515665.1_448978	Ca_kabuli_scaffold	448978	[C/A]	1067304003
Ca_Kabuli_NW_004515665.1_448980	Ca_kabuli_scaffold	448980	[T/C]	1067304004
Ca_Kabuli_NW_004515665.1_449023	Ca_kabuli_scaffold	449023	[A/C]	1067304005
Ca_Kabuli_NW_004515665.1_449041	Ca_kabuli_scaffold	449041	[A/G]	1067304006
Ca_Kabuli_NW_004515666.1_35900	Ca_kabuli_scaffold	35900	[T/C]	1067304007
Ca_Kabuli_NW_004515666.1_47641	Ca_kabuli_scaffold	47641	[A/T]	1067304008
Ca_Kabuli_NW_004515666.1_47663	Ca_kabuli_scaffold	47663	[A/T]	1067304009
Ca_Kabuli_NW_004515666.1_47687	Ca_kabuli_scaffold	47687	[T/C]	1067304010
Ca_Kabuli_NW_004515666.1_47696	Ca_kabuli_scaffold	47696	[T/A]	1067304011
Ca_Kabuli_NW_004515666.1_49282	Ca_kabuli_scaffold	49282	[T/G]	1067304012
Ca_Kabuli_NW_004515666.1_49429	Ca_kabuli_scaffold	49429	[T/A]	1067304013
Ca_Kabuli_NW_004515666.1_125185	Ca_kabuli_scaffold	125185	[T/G]	1067304014
Ca_Kabuli_NW_004515673.1_34108	Ca_kabuli_scaffold	34108	[C/T]	1067304015
Ca_Kabuli_NW_004515673.1_34111	Ca_kabuli_scaffold	34111	[C/A]	1067304016
Ca_Kabuli_NW_004515677.1_376643	Ca_kabuli_scaffold	376643	[C/A]	1067304017
Ca_Kabuli_NW_004515677.1_420436	Ca_kabuli_scaffold	420436	[T/C]	1067304018
Ca_Kabuli_NW_004515677.1_420439	Ca_kabuli_scaffold	420439	[T/G]	1067304019
Ca_Kabuli_NW_004515677.1_420443	Ca_kabuli_scaffold	420443	[T/G]	1067304020
Ca_Kabuli_NW_004515677.1_420447	Ca_kabuli_scaffold	420447	[A/G]	1067304021
Ca_Kabuli_NW_004515677.1_420451	Ca_kabuli_scaffold	420451	[A/G]	1067304022
Ca_Kabuli_NW_004515677.1_420473	Ca_kabuli_scaffold	420473	[T/G]	1067304023
Ca_Kabuli_NW_004515677.1_420480	Ca_kabuli_scaffold	420480	[T/C]	1067304024
Ca_Kabuli_NW_004515677.1_420499	Ca_kabuli_scaffold	420499	[A/C]	1067304025
Ca_Kabuli_NW_004515677.1_433404	Ca_kabuli_scaffold	433404	[T/C]	1067304026
Ca_Kabuli_NW_004515677.1_433419	Ca_kabuli_scaffold	433419	[T/C]	1067304027
Ca_Kabuli_NW_004515677.1_433441	Ca_kabuli_scaffold	433441	[T/C]	1067304028
Ca_Kabuli_NW_004515677.1_433467	Ca_kabuli_scaffold	433467	[A/G]	1067304029
Ca_Kabuli_NW_004515677.1_437526	Ca_kabuli_scaffold	437526	[A/G]	1067304030
Ca_Kabuli_NW_004515677.1_437554	Ca_kabuli_scaffold	437554	[A/G]	1067304031
Ca_Kabuli_NW_004515677.1_437970	Ca_kabuli_scaffold	437970	[A/T]	1067304032

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515677.1_437974	Ca_kabuli_scaffold	437974	[T/C]	1067304033
Ca_Kabuli_NW_004515677.1_437979	Ca_kabuli_scaffold	437979	[A/C]	1067304034
Ca_Kabuli_NW_004515677.1_438016	Ca_kabuli_scaffold	438016	[T/C]	1067304035
Ca_Kabuli_NW_004515677.1_438130	Ca_kabuli_scaffold	438130	[A/G]	1067304036
Ca_Kabuli_NW_004515678.1_73626	Ca_kabuli_scaffold	73626	[A/G]	1067304037
Ca_Kabuli_NW_004515678.1_77955	Ca_kabuli_scaffold	77955	[A/G]	1067304038
Ca_Kabuli_NW_004515683.1_271596	Ca_kabuli_scaffold	271596	[A/T]	1067304039
Ca_Kabuli_NW_004515683.1_271597	Ca_kabuli_scaffold	271597	[G/C]	1067304040
Ca_Kabuli_NW_004515683.1_271598	Ca_kabuli_scaffold	271598	[G/T]	1067304041
Ca_Kabuli_NW_004515684.1_4256	Ca_kabuli_scaffold	4256	[C/G]	1067304042
Ca_Kabuli_NW_004515684.1_4268	Ca_kabuli_scaffold	4268	[T/C]	1067304043
Ca_Kabuli_NW_004515684.1_4273	Ca_kabuli_scaffold	4273	[C/G]	1067304044
Ca_Kabuli_NW_004515684.1_4299	Ca_kabuli_scaffold	4299	[A/G]	1067304045
Ca_Kabuli_NW_004515684.1_16344	Ca_kabuli_scaffold	16344	[A/G]	1067304046
Ca_Kabuli_NW_004515684.1_16354	Ca_kabuli_scaffold	16354	[T/C]	1067304047
Ca_Kabuli_NW_004515684.1_16380	Ca_kabuli_scaffold	16380	[T/G]	1067304048
Ca_Kabuli_NW_004515684.1_16401	Ca_kabuli_scaffold	16401	[T/G]	1067304049
Ca_Kabuli_NW_004515684.1_16414	Ca_kabuli_scaffold	16414	[A/G]	1067304050
Ca_Kabuli_NW_004515684.1_29934	Ca_kabuli_scaffold	29934	[A/T]	1067304051
Ca_Kabuli_NW_004515684.1_110948	Ca_kabuli_scaffold	110948	[T/C]	1067304052
Ca_Kabuli_NW_004515684.1_110960	Ca_kabuli_scaffold	110960	[A/G]	1067304053
Ca_Kabuli_NW_004515684.1_110972	Ca_kabuli_scaffold	110972	[A/G]	1067304054
Ca_Kabuli_NW_004515684.1_174790	Ca_kabuli_scaffold	174790	[C/A]	1067304055
Ca_Kabuli_NW_004515684.1_174791	Ca_kabuli_scaffold	174791	[T/G]	1067304056
Ca_Kabuli_NW_004515684.1_174792	Ca_kabuli_scaffold	174792	[C/A]	1067304057
Ca_Kabuli_NW_004515684.1_253574	Ca_kabuli_scaffold	253574	[T/C]	1067304058
Ca_Kabuli_NW_004515684.1_253596	Ca_kabuli_scaffold	253596	[G/A]	1067304059
Ca_Kabuli_NW_004515684.1_257023	Ca_kabuli_scaffold	257023	[A/G]	1067304060
Ca_Kabuli_NW_004515684.1_257344	Ca_kabuli_scaffold	257344	[C/T]	1067304061
Ca_Kabuli_NW_004515684.1_257376	Ca_kabuli_scaffold	257376	[T/A]	1067304062
Ca_Kabuli_NW_004515684.1_258573	Ca_kabuli_scaffold	258573	[A/G]	1067304063
Ca_Kabuli_NW_004515685.1_128324	Ca_kabuli_scaffold	128324	[C/A]	1067304064
Ca_Kabuli_NW_004515685.1_128328	Ca_kabuli_scaffold	128328	[A/C]	1067304065
Ca_Kabuli_NW_004515687.1_578164	Ca_kabuli_scaffold	578164	[T/G]	1067304066

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515687.1_647366	Ca_kabuli_scaffold	647366	[T/C]	1067304067
Ca_Kabuli_NW_004515688.1_27925	Ca_kabuli_scaffold	27925	[T/G]	1067304068
Ca_Kabuli_NW_004515688.1_27928	Ca_kabuli_scaffold	27928	[T/G]	1067304069
Ca_Kabuli_NW_004515688.1_28967	Ca_kabuli_scaffold	28967	[A/T]	1067304070
Ca_Kabuli_NW_004515688.1_28979	Ca_kabuli_scaffold	28979	[C/T]	1067304071
Ca_Kabuli_NW_004515688.1_294455	Ca_kabuli_scaffold	294455	[T/G]	1067304072
Ca_Kabuli_NW_004515688.1_294487	Ca_kabuli_scaffold	294487	[T/G]	1067304073
Ca_Kabuli_NW_004515688.1_294493	Ca_kabuli_scaffold	294493	[A/T]	1067304074
Ca_Kabuli_NW_004515688.1_294505	Ca_kabuli_scaffold	294505	[A/G]	1067304075
Ca_Kabuli_NW_004515689.1_287933	Ca_kabuli_scaffold	287933	[T/C]	1067304076
Ca_Kabuli_NW_004515689.1_399800	Ca_kabuli_scaffold	399800	[T/G]	1067304077
Ca_Kabuli_NW_004515689.1_406183	Ca_kabuli_scaffold	406183	[A/T]	1067304078
Ca_Kabuli_NW_004515689.1_562990	Ca_kabuli_scaffold	562990	[T/G]	1067304079
Ca_Kabuli_NW_004515689.1_563004	Ca_kabuli_scaffold	563004	[T/A]	1067304080
Ca_Kabuli_NW_004515689.1_568164	Ca_kabuli_scaffold	568164	[T/C]	1067304081
Ca_Kabuli_NW_004515689.1_568237	Ca_kabuli_scaffold	568237	[T/C]	1067304082
Ca_Kabuli_NW_004515689.1_606105	Ca_kabuli_scaffold	606105	[A/C]	1067304083
Ca_Kabuli_NW_004515695.1_226164	Ca_kabuli_scaffold	226164	[A/C]	1067304084
Ca_Kabuli_NW_004515695.1_226165	Ca_kabuli_scaffold	226165	[G/T]	1067304085
Ca_Kabuli_NW_004515695.1_226166	Ca_kabuli_scaffold	226166	[A/T]	1067304086
Ca_Kabuli_NW_004515695.1_226167	Ca_kabuli_scaffold	226167	[T/A]	1067304087
Ca_Kabuli_NW_004515695.1_303176	Ca_kabuli_scaffold	303176	[T/G]	1067304088
Ca_Kabuli_NW_004515695.1_303187	Ca_kabuli_scaffold	303187	[T/G]	1067304089
Ca_Kabuli_NW_004515695.1_305323	Ca_kabuli_scaffold	305323	[A/C]	1067304090
Ca_Kabuli_NW_004515695.1_337216	Ca_kabuli_scaffold	337216	[T/G]	1067304091
Ca_Kabuli_NW_004515695.1_441589	Ca_kabuli_scaffold	441589	[T/G]	1067304092
Ca_Kabuli_NW_004515695.1_450197	Ca_kabuli_scaffold	450197	[T/G]	1067304093
Ca_Kabuli_NW_004515695.1_586229	Ca_kabuli_scaffold	586229	[T/G]	1067304094
Ca_Kabuli_NW_004515695.1_586256	Ca_kabuli_scaffold	586256	[T/C]	1067304095
Ca_Kabuli_NW_004515695.1_586257	Ca_kabuli_scaffold	586257	[G/T]	1067304096
Ca_Kabuli_NW_004515695.1_588208	Ca_kabuli_scaffold	588208	[A/C]	1067304097
Ca_Kabuli_NW_004515695.1_588211	Ca_kabuli_scaffold	588211	[T/C]	1067304098
Ca_Kabuli_NW_004515695.1_696869	Ca_kabuli_scaffold	696869	[A/C]	1067304099
Ca_Kabuli_NW_004515695.1_705958	Ca_kabuli_scaffold	705958	[A/G]	1067304100

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515695.1_707956	Ca_kabuli_scaffold	707956	[A/C]	1067304101
Ca_Kabuli_NW_004515695.1_779324	Ca_kabuli_scaffold	779324	[G/A]	1067304102
Ca_Kabuli_NW_004515701.1_113829	Ca_kabuli_scaffold	113829	[C/T]	1067304103
Ca_Kabuli_NW_004515701.1_299931	Ca_kabuli_scaffold	299931	[T/G]	1067304104
Ca_Kabuli_NW_004515701.1_299939	Ca_kabuli_scaffold	299939	[A/G]	1067304105
Ca_Kabuli_NW_004515701.1_303730	Ca_kabuli_scaffold	303730	[A/G]	1067304106
Ca_Kabuli_NW_004515701.1_303743	Ca_kabuli_scaffold	303743	[T/C]	1067304107
Ca_Kabuli_NW_004515701.1_303772	Ca_kabuli_scaffold	303772	[A/G]	1067304108
Ca_Kabuli_NW_004515701.1_303776	Ca_kabuli_scaffold	303776	[T/C]	1067304109
Ca_Kabuli_NW_004515701.1_303782	Ca_kabuli_scaffold	303782	[T/C]	1067304110
Ca_Kabuli_NW_004515701.1_303787	Ca_kabuli_scaffold	303787	[T/A]	1067304111
Ca_Kabuli_NW_004515701.1_307253	Ca_kabuli_scaffold	307253	[A/T]	1067304112
Ca_Kabuli_NW_004515701.1_332667	Ca_kabuli_scaffold	332667	[T/G]	1067304113
Ca_Kabuli_NW_004515701.1_332673	Ca_kabuli_scaffold	332673	[C/A]	1067304114
Ca_Kabuli_NW_004515701.1_349187	Ca_kabuli_scaffold	349187	[A/C]	1067304115
Ca_Kabuli_NW_004515701.1_349196	Ca_kabuli_scaffold	349196	[A/T]	1067304116
Ca_Kabuli_NW_004515704.1_314312	Ca_kabuli_scaffold	314312	[A/G]	1067304117
Ca_Kabuli_NW_004515704.1_314314	Ca_kabuli_scaffold	314314	[A/C]	1067304118
Ca_Kabuli_NW_004515708.1_266134	Ca_kabuli_scaffold	266134	[T/C]	1067304119
Ca_Kabuli_NW_004515708.1_317302	Ca_kabuli_scaffold	317302	[T/C]	1067304120
Ca_Kabuli_NW_004515708.1_317339	Ca_kabuli_scaffold	317339	[T/G]	1067304121
Ca_Kabuli_NW_004515708.1_320914	Ca_kabuli_scaffold	320914	[A/C]	1067304122
Ca_Kabuli_NW_004515708.1_461668	Ca_kabuli_scaffold	461668	[A/T]	1067304123
Ca_Kabuli_NW_004515708.1_860788	Ca_kabuli_scaffold	860788	[G/C]	1067304124
Ca_Kabuli_NW_004515712.1_218244	Ca_kabuli_scaffold	218244	[T/G]	1067304125
Ca_Kabuli_NW_004515712.1_218321	Ca_kabuli_scaffold	218321	[T/G]	1067304126
Ca_Kabuli_NW_004515712.1_218336	Ca_kabuli_scaffold	218336	[T/G]	1067304127
Ca_Kabuli_NW_004515712.1_218352	Ca_kabuli_scaffold	218352	[T/G]	1067304128
Ca_Kabuli_NW_004515712.1_218359	Ca_kabuli_scaffold	218359	[T/G]	1067304129
Ca_Kabuli_NW_004515712.1_223513	Ca_kabuli_scaffold	223513	[A/C]	1067304130
Ca_Kabuli_NW_004515712.1_233039	Ca_kabuli_scaffold	233039	[A/C]	1067304131
Ca_Kabuli_NW_004515712.1_369512	Ca_kabuli_scaffold	369512	[T/C]	1067304132
Ca_Kabuli_NW_004515712.1_409583	Ca_kabuli_scaffold	409583	[A/T]	1067304133
Ca_Kabuli_NW_004515717.1_14442	Ca_kabuli_scaffold	14442	[T/C]	1067304134

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NW_004515717.1_14618	Ca_kabuli_scaffold	14618	[G/A]	1067304136
Ca_Kabuli_NW_004515719.1_33482	Ca_kabuli_scaffold	33482	[T/G]	1067304137
Ca_Kabuli_NW_004515719.1_33504	Ca_kabuli_scaffold	33504	[T/G]	1067304138
Ca_Kabuli_NW_004515723.1_193172	Ca_kabuli_scaffold	193172	[G/C]	1067304139
Ca_Kabuli_NW_004515723.1_193174	Ca_kabuli_scaffold	193174	[G/A]	1067304140
Ca_Kabuli_NW_004515723.1_193175	Ca_kabuli_scaffold	193175	[T/G]	1067304141
Ca_Kabuli_NW_004515723.1_229653	Ca_kabuli_scaffold	229653	[A/C]	1067304142
Ca_Kabuli_NW_004515723.1_245866	Ca_kabuli_scaffold	245866	[C/A]	1067304143
Ca_Kabuli_NW_004515723.1_267060	Ca_kabuli_scaffold	267060	[T/G]	1067304144
Ca_Kabuli_NW_004515723.1_267064	Ca_kabuli_scaffold	267064	[T/G]	1067304145
Ca_Kabuli_NW_004515723.1_267092	Ca_kabuli_scaffold	267092	[T/G]	1067304146
Ca_Kabuli_NW_004515723.1_275838	Ca_kabuli_scaffold	275838	[A/T]	1067304147
Ca_Kabuli_NW_004515726.1_100149	Ca_kabuli_scaffold	100149	[C/T]	1067304148
Ca_Kabuli_NW_004515726.1_100228	Ca_kabuli_scaffold	100228	[A/G]	1067304149
Ca_Kabuli_NW_004515726.1_100276	Ca_kabuli_scaffold	100276	[A/C]	1067304150
Ca_Kabuli_NW_004515726.1_100529	Ca_kabuli_scaffold	100529	[T/C]	1067304151
Ca_Kabuli_NW_004515726.1_103027	Ca_kabuli_scaffold	103027	[C/T]	1067304152
Ca_Kabuli_NW_004515726.1_103741	Ca_kabuli_scaffold	103741	[G/C]	1067304153
Ca_Kabuli_NW_004515726.1_106331	Ca_kabuli_scaffold	106331	[G/A]	1067304154
Ca_Kabuli_NW_004515726.1_106349	Ca_kabuli_scaffold	106349	[C/T]	1067304155
Ca_Kabuli_NW_004515726.1_121260	Ca_kabuli_scaffold	121260	[G/T]	1067304156
Ca_Kabuli_NW_004515726.1_121293	Ca_kabuli_scaffold	121293	[T/C]	1067304157
Ca_Kabuli_NW_004515726.1_133596	Ca_kabuli_scaffold	133596	[A/C]	1067304158
Ca_Kabuli_NW_004515726.1_142843	Ca_kabuli_scaffold	142843	[C/T]	1067304159
Ca_Kabuli_NW_004515726.1_151081	Ca_kabuli_scaffold	151081	[G/A]	1067304160
Ca_Kabuli_NW_004515726.1_151197	Ca_kabuli_scaffold	151197	[T/G]	1067304161
Ca_Kabuli_NW_004515726.1_151747	Ca_kabuli_scaffold	151747	[A/G]	1067304162
Ca_Kabuli_NW_004515726.1_151777	Ca_kabuli_scaffold	151777	[T/C]	1067304163
Ca_Kabuli_NW_004515726.1_213404	Ca_kabuli_scaffold	213404	[G/T]	1067304164
Ca_Kabuli_NW_004515726.1_213518	Ca_kabuli_scaffold	213518	[C/T]	1067304165
Ca_Kabuli_NW_004515726.1_214188	Ca_kabuli_scaffold	214188	[A/T]	1067304166
Ca_Kabuli_NW_004515726.1_237825	Ca_kabuli_scaffold	237825	[G/A]	1067304167
Ca_Kabuli_NW_004515726.1_352747	Ca_kabuli_scaffold	352747	[T/C]	1067304168

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515726.1_355222	Ca_kabuli_scaffold	355222	[G/A]	1067304169
Ca_Kabuli_NW_004515726.1_469137	Ca_kabuli_scaffold	469137	[A/G]	1067304170
Ca_Kabuli_NW_004515726.1_469173	Ca_kabuli_scaffold	469173	[T/G]	1067304171
Ca_Kabuli_NW_004515726.1_469176	Ca_kabuli_scaffold	469176	[T/G]	1067304172
Ca_Kabuli_NW_004515730.1_239649	Ca_kabuli_scaffold	239649	[T/A]	1067304173
Ca_Kabuli_NW_004515732.1_115111	Ca_kabuli_scaffold	115111	[A/C]	1067304174
Ca_Kabuli_NW_004515732.1_115114	Ca_kabuli_scaffold	115114	[A/C]	1067304175
Ca_Kabuli_NW_004515732.1_115133	Ca_kabuli_scaffold	115133	[A/G]	1067304176
Ca_Kabuli_NW_004515732.1_115151	Ca_kabuli_scaffold	115151	[A/G]	1067304177
Ca_Kabuli_NW_004515732.1_155666	Ca_kabuli_scaffold	155666	[A/G]	1067304178
Ca_Kabuli_NW_004515732.1_160974	Ca_kabuli_scaffold	160974	[T/C]	1067304179
Ca_Kabuli_NW_004515732.1_160980	Ca_kabuli_scaffold	160980	[T/C]	1067304180
Ca_Kabuli_NW_004515732.1_186119	Ca_kabuli_scaffold	186119	[T/C]	1067304181
Ca_Kabuli_NW_004515732.1_186149	Ca_kabuli_scaffold	186149	[A/C]	1067304182
Ca_Kabuli_NW_004515732.1_186155	Ca_kabuli_scaffold	186155	[A/G]	1067304183
Ca_Kabuli_NW_004515732.1_186158	Ca_kabuli_scaffold	186158	[A/G]	1067304184
Ca_Kabuli_NW_004515732.1_207939	Ca_kabuli_scaffold	207939	[T/A]	1067304185
Ca_Kabuli_NW_004515734.1_17756	Ca_kabuli_scaffold	17756	[T/A]	1067304186
Ca_Kabuli_NW_004515734.1_17761	Ca_kabuli_scaffold	17761	[A/C]	1067304187
Ca_Kabuli_NW_004515734.1_243844	Ca_kabuli_scaffold	243844	[T/C]	1067304188
Ca_Kabuli_NW_004515734.1_263899	Ca_kabuli_scaffold	263899	[G/A]	1067304189
Ca_Kabuli_NW_004515734.1_457634	Ca_kabuli_scaffold	457634	[T/A]	1067304190
Ca_Kabuli_NW_004515734.1_457813	Ca_kabuli_scaffold	457813	[T/G]	1067304191
Ca_Kabuli_NW_004515734.1_458099	Ca_kabuli_scaffold	458099	[A/C]	1067304192
Ca_Kabuli_NW_004515739.1_11965	Ca_kabuli_scaffold	11965	[A/C]	1067304193
Ca_Kabuli_NW_004515739.1_168489	Ca_kabuli_scaffold	168489	[T/A]	1067304194
Ca_Kabuli_NW_004515739.1_168517	Ca_kabuli_scaffold	168517	[T/C]	1067304195
Ca_Kabuli_NW_004515739.1_173329	Ca_kabuli_scaffold	173329	[T/C]	1067304196
Ca_Kabuli_NW_004515739.1_173375	Ca_kabuli_scaffold	173375	[T/A]	1067304197
Ca_Kabuli_NW_004515739.1_280023	Ca_kabuli_scaffold	280023	[T/C]	1067304198
Ca_Kabuli_NW_004515739.1_280035	Ca_kabuli_scaffold	280035	[A/C]	1067304199
Ca_Kabuli_NW_004515739.1_280047	Ca_kabuli_scaffold	280047	[G/A]	1067304200
Ca_Kabuli_NW_004515739.1_280062	Ca_kabuli_scaffold	280062	[C/T]	1067304201
Ca_Kabuli_NW_004515741.1_48869	Ca_kabuli_scaffold	48869	[T/G]	1067304202

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515741.1_132016	Ca_kabuli_scaffold	132016	[A/G]	1067304203
Ca_Kabuli_NW_004515741.1_244722	Ca_kabuli_scaffold	244722	[T/G]	1067304204
Ca_Kabuli_NW_004515741.1_244732	Ca_kabuli_scaffold	244732	[G/A]	1067304205
Ca_Kabuli_NW_004515741.1_244735	Ca_kabuli_scaffold	244735	[T/G]	1067304206
Ca_Kabuli_NW_004515745.1_145511	Ca_kabuli_scaffold	145511	[T/C]	1067304207
Ca_Kabuli_NW_004515745.1_145544	Ca_kabuli_scaffold	145544	[A/G]	1067304208
Ca_Kabuli_NW_004515745.1_145577	Ca_kabuli_scaffold	145577	[A/G]	1067304209
Ca_Kabuli_NW_004515745.1_145591	Ca_kabuli_scaffold	145591	[T/C]	1067304210
Ca_Kabuli_NW_004515745.1_145596	Ca_kabuli_scaffold	145596	[T/C]	1067304211
Ca_Kabuli_NW_004515745.1_166626	Ca_kabuli_scaffold	166626	[T/C]	1067304212
Ca_Kabuli_NW_004515745.1_166630	Ca_kabuli_scaffold	166630	[T/A]	1067304213
Ca_Kabuli_NW_004515745.1_166678	Ca_kabuli_scaffold	166678	[A/G]	1067304214
Ca_Kabuli_NW_004515745.1_424522	Ca_kabuli_scaffold	424522	[T/C]	1067304215
Ca_Kabuli_NW_004515745.1_546706	Ca_kabuli_scaffold	546706	[T/C]	1067304216
Ca_Kabuli_NW_004515745.1_546722	Ca_kabuli_scaffold	546722	[T/C]	1067304217
Ca_Kabuli_NW_004515745.1_586052	Ca_kabuli_scaffold	586052	[A/G]	1067304218
Ca_Kabuli_NW_004515747.1_108985	Ca_kabuli_scaffold	108985	[G/T]	1067304219
Ca_Kabuli_NW_004515748.1_96363	Ca_kabuli_scaffold	96363	[T/G]	1067304220
Ca_Kabuli_NW_004515748.1_96394	Ca_kabuli_scaffold	96394	[T/A]	1067304221
Ca_Kabuli_NW_004515748.1_96397	Ca_kabuli_scaffold	96397	[G/A]	1067304222
Ca_Kabuli_NW_004515748.1_96420	Ca_kabuli_scaffold	96420	[C/A]	1067304223
Ca_Kabuli_NW_004515748.1_96435	Ca_kabuli_scaffold	96435	[A/G]	1067304224
Ca_Kabuli_NW_004515748.1_96444	Ca_kabuli_scaffold	96444	[A/G]	1067304225
Ca_Kabuli_NW_004515748.1_96456	Ca_kabuli_scaffold	96456	[C/T]	1067304226
Ca_Kabuli_NW_004515748.1_96464	Ca_kabuli_scaffold	96464	[T/G]	1067304227
Ca_Kabuli_NW_004515748.1_96474	Ca_kabuli_scaffold	96474	[T/G]	1067304228
Ca_Kabuli_NW_004515748.1_96532	Ca_kabuli_scaffold	96532	[G/T]	1067304229
Ca_Kabuli_NW_004515748.1_96580	Ca_kabuli_scaffold	96580	[G/T]	1067304230
Ca_Kabuli_NW_004515748.1_96589	Ca_kabuli_scaffold	96589	[A/T]	1067304231
Ca_Kabuli_NW_004515748.1_98426	Ca_kabuli_scaffold	98426	[C/G]	1067304232
Ca_Kabuli_NW_004515748.1_99086	Ca_kabuli_scaffold	99086	[A/C]	1067304233
Ca_Kabuli_NW_004515748.1_99116	Ca_kabuli_scaffold	99116	[A/C]	1067304234
Ca_Kabuli_NW_004515748.1_99121	Ca_kabuli_scaffold	99121	[T/C]	1067304235
Ca_Kabuli_NW_004515748.1_99157	Ca_kabuli_scaffold	99157	[T/C]	1067304236

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515748.1_99161	Ca_kabuli_scaffold	99161	[T/C]	1067304237
Ca_Kabuli_NW_004515750.1_143426	Ca_kabuli_scaffold	143426	[C/T]	1067304238
Ca_Kabuli_NW_004515750.1_143434	Ca_kabuli_scaffold	143434	[A/T]	1067304239
Ca_Kabuli_NW_004515753.1_65276	Ca_kabuli_scaffold	65276	[A/C]	1067304240
Ca_Kabuli_NW_004515755.1_550	Ca_kabuli_scaffold	550	[C/T]	1067304241
Ca_Kabuli_NW_004515755.1_553	Ca_kabuli_scaffold	553	[T/A]	1067304242
Ca_Kabuli_NW_004515755.1_578	Ca_kabuli_scaffold	578	[C/A]	1067304243
Ca_Kabuli_NW_004515755.1_355232	Ca_kabuli_scaffold	355232	[A/G]	1067304244
Ca_Kabuli_NW_004515755.1_355282	Ca_kabuli_scaffold	355282	[T/C]	1067304245
Ca_Kabuli_NW_004515755.1_355750	Ca_kabuli_scaffold	355750	[C/G]	1067304246
Ca_Kabuli_NW_004515755.1_355771	Ca_kabuli_scaffold	355771	[A/T]	1067304247
Ca_Kabuli_NW_004515755.1_355791	Ca_kabuli_scaffold	355791	[A/T]	1067304248
Ca_Kabuli_NW_004515755.1_517803	Ca_kabuli_scaffold	517803	[A/C]	1067304249
Ca_Kabuli_NW_004515755.1_517853	Ca_kabuli_scaffold	517853	[A/T]	1067304250
Ca_Kabuli_NW_004515762.1_52213	Ca_kabuli_scaffold	52213	[A/C]	1067304251
Ca_Kabuli_NW_004515762.1_53621	Ca_kabuli_scaffold	53621	[T/G]	1067304252
Ca_Kabuli_NW_004515762.1_53633	Ca_kabuli_scaffold	53633	[A/C]	1067304253
Ca_Kabuli_NW_004515762.1_131228	Ca_kabuli_scaffold	131228	[T/C]	1067304254
Ca_Kabuli_NW_004515770.1_101376	Ca_kabuli_scaffold	101376	[C/T]	1067304255
Ca_Kabuli_NW_004515770.1_101382	Ca_kabuli_scaffold	101382	[T/C]	1067304256
Ca_Kabuli_NW_004515770.1_101411	Ca_kabuli_scaffold	101411	[A/G]	1067304257
Ca_Kabuli_NW_004515774.1_30857	Ca_kabuli_scaffold	30857	[A/G]	1067304258
Ca_Kabuli_NW_004515776.1_58689	Ca_kabuli_scaffold	58689	[T/A]	1067304259
Ca_Kabuli_NW_004515776.1_432685	Ca_kabuli_scaffold	432685	[T/G]	1067304260
Ca_Kabuli_NW_004515781.1_38302	Ca_kabuli_scaffold	38302	[A/C]	1067304261
Ca_Kabuli_NW_004515785.1_25861	Ca_kabuli_scaffold	25861	[A/G]	1067304262
Ca_Kabuli_NW_004515785.1_25865	Ca_kabuli_scaffold	25865	[A/G]	1067304263
Ca_Kabuli_NW_004515785.1_25888	Ca_kabuli_scaffold	25888	[T/C]	1067304264
Ca_Kabuli_NW_004515785.1_25896	Ca_kabuli_scaffold	25896	[T/C]	1067304265
Ca_Kabuli_NW_004515787.1_226793	Ca_kabuli_scaffold	226793	[T/C]	1067304266
Ca_Kabuli_NW_004515792.1_3151	Ca_kabuli_scaffold	3151	[G/T]	1067304267
Ca_Kabuli_NW_004515792.1_3158	Ca_kabuli_scaffold	3158	[C/G]	1067304268
Ca_Kabuli_NW_004515794.1_192327	Ca_kabuli_scaffold	192327	[G/A]	1067304269
Ca_Kabuli_NW_004515794.1_204040	Ca_kabuli_scaffold	204040	[A/G]	1067304270



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515794.1_204041	Ca_kabuli_scaffold	204041	[T/A]	1067304271
Ca_Kabuli_NW_004515794.1_205536	Ca_kabuli_scaffold	205536	[T/G]	1067304272
Ca_Kabuli_NW_004515794.1_205637	Ca_kabuli_scaffold	205637	[T/A]	1067304273
Ca_Kabuli_NW_004515795.1_208768	Ca_kabuli_scaffold	208768	[G/A]	1067304274
Ca_Kabuli_NW_004515795.1_208780	Ca_kabuli_scaffold	208780	[A/C]	1067304275
Ca_Kabuli_NW_004515795.1_208785	Ca_kabuli_scaffold	208785	[T/A]	1067304276
Ca_Kabuli_NW_004515795.1_208786	Ca_kabuli_scaffold	208786	[G/C]	1067304277
Ca_Kabuli_NW_004515795.1_208788	Ca_kabuli_scaffold	208788	[C/T]	1067304278
Ca_Kabuli_NW_004515795.1_208789	Ca_kabuli_scaffold	208789	[A/C]	1067304279
Ca_Kabuli_NW_004515795.1_208793	Ca_kabuli_scaffold	208793	[G/C]	1067304280
Ca_Kabuli_NW_004515795.1_208932	Ca_kabuli_scaffold	208932	[G/T]	1067304281
Ca_Kabuli_NW_004515795.1_208939	Ca_kabuli_scaffold	208939	[G/A]	1067304282
Ca_Kabuli_NW_004515795.1_208957	Ca_kabuli_scaffold	208957	[C/T]	1067304283
Ca_Kabuli_NW_004515795.1_208958	Ca_kabuli_scaffold	208958	[C/T]	1067304284
Ca_Kabuli_NW_004515795.1_208981	Ca_kabuli_scaffold	208981	[G/T]	1067304285
Ca_Kabuli_NW_004515795.1_404479	Ca_kabuli_scaffold	404479	[C/A]	1067304286
Ca_Kabuli_NW_004515797.1_72469	Ca_kabuli_scaffold	72469	[A/G]	1067304287
Ca_Kabuli_NW_004515797.1_72491	Ca_kabuli_scaffold	72491	[T/C]	1067304288
Ca_Kabuli_NW_004515797.1_72495	Ca_kabuli_scaffold	72495	[G/A]	1067304289
Ca_Kabuli_NW_004515798.1_108082	Ca_kabuli_scaffold	108082	[T/G]	1067304290
Ca_Kabuli_NW_004515798.1_108110	Ca_kabuli_scaffold	108110	[T/A]	1067304291
Ca_Kabuli_NW_004515798.1_112349	Ca_kabuli_scaffold	112349	[T/C]	1067304292
Ca_Kabuli_NW_004515798.1_118812	Ca_kabuli_scaffold	118812	[A/C]	1067304293
Ca_Kabuli_NW_004515798.1_118821	Ca_kabuli_scaffold	118821	[G/C]	1067304294
Ca_Kabuli_NW_004515798.1_118838	Ca_kabuli_scaffold	118838	[A/T]	1067304295
Ca_Kabuli_NW_004515798.1_118839	Ca_kabuli_scaffold	118839	[A/G]	1067304296
Ca_Kabuli_NW_004515798.1_118840	Ca_kabuli_scaffold	118840	[G/A]	1067304297
Ca_Kabuli_NW_004515799.1_26658	Ca_kabuli_scaffold	26658	[G/A]	1067304298
Ca_Kabuli_NW_004515802.1_640348	Ca_kabuli_scaffold	640348	[C/T]	1067304299
Ca_Kabuli_NW_004515802.1_640349	Ca_kabuli_scaffold	640349	[G/C]	1067304300
Ca_Kabuli_NW_004515802.1_640350	Ca_kabuli_scaffold	640350	[G/T]	1067304301
Ca_Kabuli_NW_004515802.1_640351	Ca_kabuli_scaffold	640351	[T/G]	1067304302
Ca_Kabuli_NW_004515802.1_640364	Ca_kabuli_scaffold	640364	[T/G]	1067304303
Ca_Kabuli_NW_004515802.1_654534	Ca_kabuli_scaffold	654534	[T/G]	1067304304

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515802.1_654573	Ca_kabuli_scaffold	654573	[A/C]	1067304305
Ca_Kabuli_NW_004515802.1_654611	Ca_kabuli_scaffold	654611	[A/G]	1067304306
Ca_Kabuli_NW_004515802.1_728756	Ca_kabuli_scaffold	728756	[C/T]	1067304307
Ca_Kabuli_NW_004515802.1_728793	Ca_kabuli_scaffold	728793	[C/T]	1067304308
Ca_Kabuli_NW_004515802.1_728809	Ca_kabuli_scaffold	728809	[A/T]	1067304309
Ca_Kabuli_NW_004515802.1_728812	Ca_kabuli_scaffold	728812	[A/G]	1067304310
Ca_Kabuli_NW_004515804.1_18913	Ca_kabuli_scaffold	18913	[T/C]	1067304311
Ca_Kabuli_NW_004515804.1_18915	Ca_kabuli_scaffold	18915	[G/T]	1067304312
Ca_Kabuli_NW_004515804.1_18916	Ca_kabuli_scaffold	18916	[C/T]	1067304313
Ca_Kabuli_NW_004515804.1_163581	Ca_kabuli_scaffold	163581	[T/C]	1067304314
Ca_Kabuli_NW_004515806.1_84042	Ca_kabuli_scaffold	84042	[T/C]	1067304315
Ca_Kabuli_NW_004515806.1_123585	Ca_kabuli_scaffold	123585	[C/G]	1067304316
Ca_Kabuli_NW_004515806.1_242468	Ca_kabuli_scaffold	242468	[T/C]	1067304317
Ca_Kabuli_NW_004515806.1_251371	Ca_kabuli_scaffold	251371	[A/G]	1067304318
Ca_Kabuli_NW_004515806.1_251412	Ca_kabuli_scaffold	251412	[G/A]	1067304319
Ca_Kabuli_NW_004515806.1_251415	Ca_kabuli_scaffold	251415	[G/A]	1067304320
Ca_Kabuli_NW_004515806.1_438803	Ca_kabuli_scaffold	438803	[A/C]	1067304321
Ca_Kabuli_NW_004515806.1_438866	Ca_kabuli_scaffold	438866	[T/C]	1067304322
Ca_Kabuli_NW_004515806.1_449803	Ca_kabuli_scaffold	449803	[T/G]	1067304323
Ca_Kabuli_NW_004515806.1_449806	Ca_kabuli_scaffold	449806	[T/G]	1067304324
Ca_Kabuli_NW_004515806.1_626620	Ca_kabuli_scaffold	626620	[C/A]	1067304325
Ca_Kabuli_NW_004515806.1_631375	Ca_kabuli_scaffold	631375	[G/A]	1067304326
Ca_Kabuli_NW_004515806.1_636641	Ca_kabuli_scaffold	636641	[T/C]	1067304327
Ca_Kabuli_NW_004515806.1_636672	Ca_kabuli_scaffold	636672	[A/G]	1067304328
Ca_Kabuli_NW_004515806.1_711220	Ca_kabuli_scaffold	711220	[G/A]	1067304329
Ca_Kabuli_NW_004515806.1_800084	Ca_kabuli_scaffold	800084	[A/G]	1067304330
Ca_Kabuli_NW_004515806.1_853235	Ca_kabuli_scaffold	853235	[C/A]	1067304331
Ca_Kabuli_NW_004515810.1_56331	Ca_kabuli_scaffold	56331	[A/G]	1067304332
Ca_Kabuli_NW_004515810.1_59807	Ca_kabuli_scaffold	59807	[A/C]	1067304333
Ca_Kabuli_NW_004515810.1_361586	Ca_kabuli_scaffold	361586	[T/G]	1067304334
Ca_Kabuli_NW_004515810.1_361598	Ca_kabuli_scaffold	361598	[T/G]	1067304335
Ca_Kabuli_NW_004515810.1_474335	Ca_kabuli_scaffold	474335	[T/G]	1067304336
Ca_Kabuli_NW_004515810.1_474371	Ca_kabuli_scaffold	474371	[A/G]	1067304337
Ca_Kabuli_NW_004515810.1_477263	Ca_kabuli_scaffold	477263	[A/G]	1067304338

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NW_004515810.1_477276	Ca_kabuli_scaffold	477276	[A/G]	1067304340
Ca_Kabuli_NW_004515810.1_478337	Ca_kabuli_scaffold	478337	[A/G]	1067304341
Ca_Kabuli_NW_004515811.1_150147	Ca_kabuli_scaffold	150147	[C/G]	1067304342
Ca_Kabuli_NW_004515811.1_150172	Ca_kabuli_scaffold	150172	[T/G]	1067304343
Ca_Kabuli_NW_004515811.1_150181	Ca_kabuli_scaffold	150181	[A/G]	1067304344
Ca_Kabuli_NW_004515813.1_111933	Ca_kabuli_scaffold	111933	[C/T]	1067304345
Ca_Kabuli_NW_004515813.1_111936	Ca_kabuli_scaffold	111936	[C/A]	1067304346
Ca_Kabuli_NW_004515817.1_49253	Ca_kabuli_scaffold	49253	[G/T]	1067304347
Ca_Kabuli_NW_004515817.1_49263	Ca_kabuli_scaffold	49263	[G/A]	1067304348
Ca_Kabuli_NW_004515817.1_49265	Ca_kabuli_scaffold	49265	[G/A]	1067304349
Ca_Kabuli_NW_004515817.1_49266	Ca_kabuli_scaffold	49266	[T/G]	1067304350
Ca_Kabuli_NW_004515817.1_49268	Ca_kabuli_scaffold	49268	[C/G]	1067304351
Ca_Kabuli_NW_004515817.1_49272	Ca_kabuli_scaffold	49272	[A/C]	1067304352
Ca_Kabuli_NW_004515817.1_117071	Ca_kabuli_scaffold	117071	[A/G]	1067304353
Ca_Kabuli_NW_004515817.1_138929	Ca_kabuli_scaffold	138929	[G/A]	1067304354
Ca_Kabuli_NW_004515817.1_194998	Ca_kabuli_scaffold	194998	[A/C]	1067304355
Ca_Kabuli_NW_004515817.1_195000	Ca_kabuli_scaffold	195000	[C/T]	1067304356
Ca_Kabuli_NW_004515818.1_15529	Ca_kabuli_scaffold	15529	[A/T]	1067304357
Ca_Kabuli_NW_004515818.1_15548	Ca_kabuli_scaffold	15548	[A/C]	1067304358
Ca_Kabuli_NW_004515818.1_19215	Ca_kabuli_scaffold	19215	[C/A]	1067304359
Ca_Kabuli_NW_004515818.1_28542	Ca_kabuli_scaffold	28542	[T/G]	1067304360
Ca_Kabuli_NW_004515818.1_28559	Ca_kabuli_scaffold	28559	[T/G]	1067304361
Ca_Kabuli_NW_004515818.1_33267	Ca_kabuli_scaffold	33267	[A/C]	1067304362
Ca_Kabuli_NW_004515818.1_221374	Ca_kabuli_scaffold	221374	[G/A]	1067304363
Ca_Kabuli_NW_004515818.1_221375	Ca_kabuli_scaffold	221375	[G/C]	1067304364
Ca_Kabuli_NW_004515818.1_221376	Ca_kabuli_scaffold	221376	[A/C]	1067304365
Ca_Kabuli_NW_004515818.1_410571	Ca_kabuli_scaffold	410571	[C/A]	1067304366
Ca_Kabuli_NW_004515819.1_143867	Ca_kabuli_scaffold	143867	[C/T]	1067304367
Ca_Kabuli_NW_004515819.1_143910	Ca_kabuli_scaffold	143910	[T/C]	1067304368
Ca_Kabuli_NW_004515819.1_144276	Ca_kabuli_scaffold	144276	[T/G]	1067304369
Ca_Kabuli_NW_004515819.1_144316	Ca_kabuli_scaffold	144316	[A/G]	1067304370
Ca_Kabuli_NW_004515819.1_144320	Ca_kabuli_scaffold	144320	[T/C]	1067304371
Ca_Kabuli_NW_004515819.1_144365	Ca_kabuli_scaffold	144365	[T/C]	1067304372

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515819.1_144385	Ca_kabuli_scaffold	144385	[T/C]	1067304373
Ca_Kabuli_NW_004515819.1_144402	Ca_kabuli_scaffold	144402	[T/G]	1067304374
Ca_Kabuli_NW_004515819.1_144405	Ca_kabuli_scaffold	144405	[T/G]	1067304375
Ca_Kabuli_NW_004515819.1_144465	Ca_kabuli_scaffold	144465	[T/G]	1067304376
Ca_Kabuli_NW_004515819.1_152512	Ca_kabuli_scaffold	152512	[T/G]	1067304377
Ca_Kabuli_NW_004515819.1_283227	Ca_kabuli_scaffold	283227	[T/G]	1067304378
Ca_Kabuli_NW_004515821.1_3546	Ca_kabuli_scaffold	3546	[A/C]	1067304379
Ca_Kabuli_NW_004515824.1_432431	Ca_kabuli_scaffold	432431	[A/C]	1067304380
Ca_Kabuli_NW_004515824.1_494593	Ca_kabuli_scaffold	494593	[A/C]	1067304381
Ca_Kabuli_NW_004515824.1_494604	Ca_kabuli_scaffold	494604	[A/G]	1067304382
Ca_Kabuli_NW_004515824.1_494607	Ca_kabuli_scaffold	494607	[T/A]	1067304383
Ca_Kabuli_NW_004515824.1_494636	Ca_kabuli_scaffold	494636	[T/A]	1067304384
Ca_Kabuli_NW_004515824.1_535289	Ca_kabuli_scaffold	535289	[A/C]	1067304385
Ca_Kabuli_NW_004515824.1_620942	Ca_kabuli_scaffold	620942	[T/C]	1067304386
Ca_Kabuli_NW_004515824.1_620957	Ca_kabuli_scaffold	620957	[T/C]	1067304387
Ca_Kabuli_NW_004515824.1_620965	Ca_kabuli_scaffold	620965	[T/C]	1067304388
Ca_Kabuli_NW_004515826.1_34409	Ca_kabuli_scaffold	34409	[T/A]	1067304389
Ca_Kabuli_NW_004515826.1_34468	Ca_kabuli_scaffold	34468	[A/T]	1067304390
Ca_Kabuli_NW_004515828.1_72799	Ca_kabuli_scaffold	72799	[A/T]	1067304391
Ca_Kabuli_NW_004515831.1_15590	Ca_kabuli_scaffold	15590	[G/T]	1067304392
Ca_Kabuli_NW_004515838.1_215096	Ca_kabuli_scaffold	215096	[A/G]	1067304393
Ca_Kabuli_NW_004515838.1_215099	Ca_kabuli_scaffold	215099	[G/T]	1067304394
Ca_Kabuli_NW_004515838.1_218577	Ca_kabuli_scaffold	218577	[A/G]	1067304395
Ca_Kabuli_NW_004515838.1_218580	Ca_kabuli_scaffold	218580	[G/T]	1067304396
Ca_Kabuli_NW_004515841.1_60842	Ca_kabuli_scaffold	60842	[A/G]	1067304397
Ca_Kabuli_NW_004515841.1_60856	Ca_kabuli_scaffold	60856	[T/C]	1067304398
Ca_Kabuli_NW_004515841.1_60859	Ca_kabuli_scaffold	60859	[A/G]	1067304399
Ca_Kabuli_NW_004515841.1_60923	Ca_kabuli_scaffold	60923	[T/G]	1067304400
Ca_Kabuli_NW_004515841.1_60932	Ca_kabuli_scaffold	60932	[T/G]	1067304401
Ca_Kabuli_NW_004515841.1_60934	Ca_kabuli_scaffold	60934	[A/G]	1067304402
Ca_Kabuli_NW_004515841.1_60949	Ca_kabuli_scaffold	60949	[T/C]	1067304403
Ca_Kabuli_NW_004515841.1_60950	Ca_kabuli_scaffold	60950	[T/C]	1067304404
Ca_Kabuli_NW_004515841.1_136077	Ca_kabuli_scaffold	136077	[C/G]	1067304405
Ca_Kabuli_NW_004515841.1_136096	Ca_kabuli_scaffold	136096	[T/C]	1067304406

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515841.1_136106	Ca_kabuli_scaffold	136106	[G/A]	1067304407
Ca_Kabuli_NW_004515842.1_172132	Ca_kabuli_scaffold	172132	[T/G]	1067304408
Ca_Kabuli_NW_004515842.1_172190	Ca_kabuli_scaffold	172190	[A/G]	1067304409
Ca_Kabuli_NW_004515842.1_636950	Ca_kabuli_scaffold	636950	[A/C]	1067304410
Ca_Kabuli_NW_004515843.1_8242	Ca_kabuli_scaffold	8242	[G/T]	1067304411
Ca_Kabuli_NW_004515843.1_14642	Ca_kabuli_scaffold	14642	[T/G]	1067304412
Ca_Kabuli_NW_004515843.1_14654	Ca_kabuli_scaffold	14654	[T/G]	1067304413
Ca_Kabuli_NW_004515844.1_172829	Ca_kabuli_scaffold	172829	[A/C]	1067304414
Ca_Kabuli_NW_004515846.1_359400	Ca_kabuli_scaffold	359400	[T/G]	1067304415
Ca_Kabuli_NW_004515850.1_62780	Ca_kabuli_scaffold	62780	[C/A]	1067304416
Ca_Kabuli_NW_004515850.1_71326	Ca_kabuli_scaffold	71326	[A/G]	1067304417
Ca_Kabuli_NW_004515853.1_30224	Ca_kabuli_scaffold	30224	[G/A]	1067304418
Ca_Kabuli_NW_004515853.1_30252	Ca_kabuli_scaffold	30252	[C/T]	1067304419
Ca_Kabuli_NW_004515853.1_107892	Ca_kabuli_scaffold	107892	[A/G]	1067304420
Ca_Kabuli_NW_004515853.1_107896	Ca_kabuli_scaffold	107896	[G/A]	1067304421
Ca_Kabuli_NW_004515853.1_107897	Ca_kabuli_scaffold	107897	[T/C]	1067304422
Ca_Kabuli_NW_004515853.1_107908	Ca_kabuli_scaffold	107908	[C/T]	1067304423
Ca_Kabuli_NW_004515853.1_188959	Ca_kabuli_scaffold	188959	[T/G]	1067304424
Ca_Kabuli_NW_004515859.1_165014	Ca_kabuli_scaffold	165014	[A/G]	1067304425
Ca_Kabuli_NW_004515859.1_165818	Ca_kabuli_scaffold	165818	[G/A]	1067304426
Ca_Kabuli_NW_004515865.1_182405	Ca_kabuli_scaffold	182405	[C/T]	1067304427
Ca_Kabuli_NW_004515866.1_7549	Ca_kabuli_scaffold	7549	[G/C]	1067304428
Ca_Kabuli_NW_004515867.1_54627	Ca_kabuli_scaffold	54627	[C/T]	1067304429
Ca_Kabuli_NW_004515867.1_132873	Ca_kabuli_scaffold	132873	[A/G]	1067304430
Ca_Kabuli_NW_004515867.1_132896	Ca_kabuli_scaffold	132896	[T/C]	1067304431
Ca_Kabuli_NW_004515867.1_132907	Ca_kabuli_scaffold	132907	[A/C]	1067304432
Ca_Kabuli_NW_004515870.1_65676	Ca_kabuli_scaffold	65676	[T/G]	1067304433
Ca_Kabuli_NW_004515870.1_177270	Ca_kabuli_scaffold	177270	[T/C]	1067304434
Ca_Kabuli_NW_004515870.1_177314	Ca_kabuli_scaffold	177314	[T/A]	1067304435
Ca_Kabuli_NW_004515870.1_177323	Ca_kabuli_scaffold	177323	[G/A]	1067304436
Ca_Kabuli_NW_004515870.1_227601	Ca_kabuli_scaffold	227601	[C/T]	1067304437
Ca_Kabuli_NW_004515870.1_227604	Ca_kabuli_scaffold	227604	[C/A]	1067304438
Ca_Kabuli_NW_004515870.1_227606	Ca_kabuli_scaffold	227606	[T/A]	1067304439
Ca_Kabuli_NW_004515870.1_227608	Ca_kabuli_scaffold	227608	[A/T]	1067304440

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515870.1_227646	Ca_kabuli_scaffold	227646	[C/T]	1067304441
Ca_Kabuli_NW_004515874.1_3175	Ca_kabuli_scaffold	3175	[A/G]	1067304442
Ca_Kabuli_NW_004515874.1_3221	Ca_kabuli_scaffold	3221	[A/C]	1067304443
Ca_Kabuli_NW_004515874.1_3263	Ca_kabuli_scaffold	3263	[A/G]	1067304444
Ca_Kabuli_NW_004515881.1_121690	Ca_kabuli_scaffold	121690	[T/G]	1067304445
Ca_Kabuli_NW_004515881.1_297345	Ca_kabuli_scaffold	297345	[A/C]	1067304446
Ca_Kabuli_NW_004515882.1_385384	Ca_kabuli_scaffold	385384	[G/C]	1067304447
Ca_Kabuli_NW_004515883.1_46734	Ca_kabuli_scaffold	46734	[A/G]	1067304448
Ca_Kabuli_NW_004515883.1_271846	Ca_kabuli_scaffold	271846	[A/C]	1067304449
Ca_Kabuli_NW_004515883.1_272994	Ca_kabuli_scaffold	272994	[A/G]	1067304450
Ca_Kabuli_NW_004515883.1_273007	Ca_kabuli_scaffold	273007	[T/C]	1067304451
Ca_Kabuli_NW_004515883.1_273016	Ca_kabuli_scaffold	273016	[A/G]	1067304452
Ca_Kabuli_NW_004515883.1_273054	Ca_kabuli_scaffold	273054	[T/C]	1067304453
Ca_Kabuli_NW_004515883.1_299009	Ca_kabuli_scaffold	299009	[A/C]	1067304454
Ca_Kabuli_NW_004515883.1_299010	Ca_kabuli_scaffold	299010	[G/T]	1067304455
Ca_Kabuli_NW_004515883.1_441561	Ca_kabuli_scaffold	441561	[A/C]	1067304456
Ca_Kabuli_NW_004515883.1_441566	Ca_kabuli_scaffold	441566	[T/C]	1067304457
Ca_Kabuli_NW_004515883.1_441589	Ca_kabuli_scaffold	441589	[T/C]	1067304458
Ca_Kabuli_NW_004515883.1_441592	Ca_kabuli_scaffold	441592	[T/C]	1067304459
Ca_Kabuli_NW_004515883.1_441609	Ca_kabuli_scaffold	441609	[A/T]	1067304460
Ca_Kabuli_NW_004515887.1_340219	Ca_kabuli_scaffold	340219	[A/G]	1067304461
Ca_Kabuli_NW_004515887.1_340240	Ca_kabuli_scaffold	340240	[A/C]	1067304462
Ca_Kabuli_NW_004515894.1_100139	Ca_kabuli_scaffold	100139	[A/G]	1067304463
Ca_Kabuli_NW_004515895.1_16423	Ca_kabuli_scaffold	16423	[C/T]	1067304464
Ca_Kabuli_NW_004515895.1_158827	Ca_kabuli_scaffold	158827	[T/C]	1067304465
Ca_Kabuli_NW_004515895.1_158877	Ca_kabuli_scaffold	158877	[A/C]	1067304466
Ca_Kabuli_NW_004515895.1_158880	Ca_kabuli_scaffold	158880	[A/G]	1067304467
Ca_Kabuli_NW_004515895.1_160613	Ca_kabuli_scaffold	160613	[T/C]	1067304468
Ca_Kabuli_NW_004515895.1_160626	Ca_kabuli_scaffold	160626	[A/C]	1067304469
Ca_Kabuli_NW_004515895.1_160630	Ca_kabuli_scaffold	160630	[A/G]	1067304470
Ca_Kabuli_NW_004515895.1_201875	Ca_kabuli_scaffold	201875	[T/G]	1067304471
Ca_Kabuli_NW_004515896.1_34058	Ca_kabuli_scaffold	34058	[T/A]	1067304472
Ca_Kabuli_NW_004515896.1_34060	Ca_kabuli_scaffold	34060	[A/G]	1067304473
Ca_Kabuli_NW_004515896.1_34105	Ca_kabuli_scaffold	34105	[A/T]	1067304474

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515896.1_34118	Ca_kabuli_scaffold	34118	[T/A]	1067304475
Ca_Kabuli_NW_004515896.1_34175	Ca_kabuli_scaffold	34175	[T/G]	1067304476
Ca_Kabuli_NW_004515896.1_34178	Ca_kabuli_scaffold	34178	[T/G]	1067304477
Ca_Kabuli_NW_004515896.1_34202	Ca_kabuli_scaffold	34202	[A/C]	1067304478
Ca_Kabuli_NW_004515896.1_42506	Ca_kabuli_scaffold	42506	[A/C]	1067304479
Ca_Kabuli_NW_004515896.1_42563	Ca_kabuli_scaffold	42563	[T/C]	1067304480
Ca_Kabuli_NW_004515896.1_43153	Ca_kabuli_scaffold	43153	[A/T]	1067304481
Ca_Kabuli_NW_004515896.1_43158	Ca_kabuli_scaffold	43158	[C/A]	1067304482
Ca_Kabuli_NW_004515896.1_43170	Ca_kabuli_scaffold	43170	[A/T]	1067304483
Ca_Kabuli_NW_004515896.1_43179	Ca_kabuli_scaffold	43179	[A/C]	1067304484
Ca_Kabuli_NW_004515896.1_43265	Ca_kabuli_scaffold	43265	[T/C]	1067304485
Ca_Kabuli_NW_004515896.1_43299	Ca_kabuli_scaffold	43299	[C/A]	1067304486
Ca_Kabuli_NW_004515896.1_43300	Ca_kabuli_scaffold	43300	[C/G]	1067304487
Ca_Kabuli_NW_004515896.1_43301	Ca_kabuli_scaffold	43301	[T/A]	1067304488
Ca_Kabuli_NW_004515896.1_43302	Ca_kabuli_scaffold	43302	[G/T]	1067304489
Ca_Kabuli_NW_004515896.1_43360	Ca_kabuli_scaffold	43360	[A/G]	1067304490
Ca_Kabuli_NW_004515896.1_44391	Ca_kabuli_scaffold	44391	[C/T]	1067304491
Ca_Kabuli_NW_004515896.1_44392	Ca_kabuli_scaffold	44392	[A/C]	1067304492
Ca_Kabuli_NW_004515896.1_44393	Ca_kabuli_scaffold	44393	[G/T]	1067304493
Ca_Kabuli_NW_004515896.1_254902	Ca_kabuli_scaffold	254902	[A/G]	1067304494
Ca_Kabuli_NW_004515897.1_33465	Ca_kabuli_scaffold	33465	[T/G]	1067304495
Ca_Kabuli_NW_004515897.1_33475	Ca_kabuli_scaffold	33475	[T/G]	1067304496
Ca_Kabuli_NW_004515897.1_33479	Ca_kabuli_scaffold	33479	[A/C]	1067304497
Ca_Kabuli_NW_004515897.1_33494	Ca_kabuli_scaffold	33494	[T/G]	1067304498
Ca_Kabuli_NW_004515897.1_35788	Ca_kabuli_scaffold	35788	[A/G]	1067304499
Ca_Kabuli_NW_004515897.1_340974	Ca_kabuli_scaffold	340974	[T/G]	1067304500
Ca_Kabuli_NW_004515897.1_341102	Ca_kabuli_scaffold	341102	[A/G]	1067304501
Ca_Kabuli_NW_004515897.1_341124	Ca_kabuli_scaffold	341124	[T/G]	1067304502
Ca_Kabuli_NW_004515898.1_25528	Ca_kabuli_scaffold	25528	[A/C]	1067304503
Ca_Kabuli_NW_004515898.1_81750	Ca_kabuli_scaffold	81750	[G/A]	1067304504
Ca_Kabuli_NW_004515898.1_81751	Ca_kabuli_scaffold	81751	[G/T]	1067304505
Ca_Kabuli_NW_004515898.1_81752	Ca_kabuli_scaffold	81752	[A/C]	1067304506
Ca_Kabuli_NW_004515898.1_81753	Ca_kabuli_scaffold	81753	[G/T]	1067304507
Ca_Kabuli_NW_004515909.1_122032	Ca_kabuli_scaffold	122032	[T/C]	1067304508

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NW_004515918.1_41902	Ca_kabuli_scaffold	41902	[A/T]	1067304510
Ca_Kabuli_NW_004515918.1_197253	Ca_kabuli_scaffold	197253	[A/T]	1067304511
Ca_Kabuli_NW_004515918.1_197258	Ca_kabuli_scaffold	197258	[T/G]	1067304512
Ca_Kabuli_NW_004515918.1_250140	Ca_kabuli_scaffold	250140	[A/G]	1067304513
Ca_Kabuli_NW_004515918.1_275479	Ca_kabuli_scaffold	275479	[A/G]	1067304514
Ca_Kabuli_NW_004515918.1_275488	Ca_kabuli_scaffold	275488	[A/C]	1067304515
Ca_Kabuli_NW_004515918.1_275497	Ca_kabuli_scaffold	275497	[T/C]	1067304516
Ca_Kabuli_NW_004515918.1_275511	Ca_kabuli_scaffold	275511	[A/T]	1067304517
Ca_Kabuli_NW_004515918.1_275517	Ca_kabuli_scaffold	275517	[T/A]	1067304518
Ca_Kabuli_NW_004515918.1_275519	Ca_kabuli_scaffold	275519	[T/C]	1067304519
Ca_Kabuli_NW_004515918.1_275532	Ca_kabuli_scaffold	275532	[T/C]	1067304520
Ca_Kabuli_NW_004515918.1_369299	Ca_kabuli_scaffold	369299	[C/T]	1067304521
Ca_Kabuli_NW_004515918.1_430673	Ca_kabuli_scaffold	430673	[A/C]	1067304522
Ca_Kabuli_NW_004515919.1_103596	Ca_kabuli_scaffold	103596	[A/G]	1067304523
Ca_Kabuli_NW_004515919.1_128379	Ca_kabuli_scaffold	128379	[A/C]	1067304524
Ca_Kabuli_NW_004515919.1_128380	Ca_kabuli_scaffold	128380	[G/T]	1067304525
Ca_Kabuli_NW_004515919.1_226673	Ca_kabuli_scaffold	226673	[C/A]	1067304526
Ca_Kabuli_NW_004515919.1_428338	Ca_kabuli_scaffold	428338	[A/G]	1067304527
Ca_Kabuli_NW_004515919.1_428393	Ca_kabuli_scaffold	428393	[T/C]	1067304528
Ca_Kabuli_NW_004515919.1_493576	Ca_kabuli_scaffold	493576	[T/G]	1067304529
Ca_Kabuli_NW_004515919.1_493596	Ca_kabuli_scaffold	493596	[G/A]	1067304530
Ca_Kabuli_NW_004515921.1_43504	Ca_kabuli_scaffold	43504	[A/C]	1067304531
Ca_Kabuli_NW_004515921.1_45345	Ca_kabuli_scaffold	45345	[A/G]	1067304532
Ca_Kabuli_NW_004515921.1_154415	Ca_kabuli_scaffold	154415	[T/C]	1067304533
Ca_Kabuli_NW_004515921.1_154475	Ca_kabuli_scaffold	154475	[A/G]	1067304534
Ca_Kabuli_NW_004515921.1_478760	Ca_kabuli_scaffold	478760	[G/T]	1067304535
Ca_Kabuli_NW_004515921.1_478761	Ca_kabuli_scaffold	478761	[C/G]	1067304536
Ca_Kabuli_NW_004515921.1_478807	Ca_kabuli_scaffold	478807	[A/C]	1067304537
Ca_Kabuli_NW_004515921.1_478826	Ca_kabuli_scaffold	478826	[A/C]	1067304538
Ca_Kabuli_NW_004515931.1_32026	Ca_kabuli_scaffold	32026	[C/T]	1067304539
Ca_Kabuli_NW_004515934.1_129869	Ca_kabuli_scaffold	129869	[A/C]	1067304540
Ca_Kabuli_NW_004515934.1_215946	Ca_kabuli_scaffold	215946	[T/G]	1067304541
Ca_Kabuli_NW_004515934.1_215949	Ca_kabuli_scaffold	215949	[A/C]	1067304542



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515934.1_215950	Ca_kabuli_scaffold	215950	[G/C]	1067304543
Ca_Kabuli_NW_004515934.1_215952	Ca_kabuli_scaffold	215952	[C/A]	1067304544
Ca_Kabuli_NW_004515937.1_136806	Ca_kabuli_scaffold	136806	[G/T]	1067304545
Ca_Kabuli_NW_004515937.1_136822	Ca_kabuli_scaffold	136822	[A/G]	1067304546
Ca_Kabuli_NW_004515939.1_8270	Ca_kabuli_scaffold	8270	[T/C]	1067304547
Ca_Kabuli_NW_004515939.1_8303	Ca_kabuli_scaffold	8303	[A/G]	1067304548
Ca_Kabuli_NW_004515942.1_64422	Ca_kabuli_scaffold	64422	[A/T]	1067304549
Ca_Kabuli_NW_004515942.1_64446	Ca_kabuli_scaffold	64446	[A/C]	1067304550
Ca_Kabuli_NW_004515942.1_64448	Ca_kabuli_scaffold	64448	[A/C]	1067304551
Ca_Kabuli_NW_004515942.1_64460	Ca_kabuli_scaffold	64460	[A/G]	1067304552
Ca_Kabuli_NW_004515945.1_203830	Ca_kabuli_scaffold	203830	[T/A]	1067304553
Ca_Kabuli_NW_004515945.1_203879	Ca_kabuli_scaffold	203879	[T/G]	1067304554
Ca_Kabuli_NW_004515945.1_203973	Ca_kabuli_scaffold	203973	[T/A]	1067304555
Ca_Kabuli_NW_004515945.1_209730	Ca_kabuli_scaffold	209730	[A/G]	1067304556
Ca_Kabuli_NW_004515945.1_209746	Ca_kabuli_scaffold	209746	[A/G]	1067304557
Ca_Kabuli_NW_004515945.1_209762	Ca_kabuli_scaffold	209762	[A/C]	1067304558
Ca_Kabuli_NW_004515945.1_432229	Ca_kabuli_scaffold	432229	[A/C]	1067304559
Ca_Kabuli_NW_004515945.1_660749	Ca_kabuli_scaffold	660749	[G/C]	1067304560
Ca_Kabuli_NW_004515945.1_660796	Ca_kabuli_scaffold	660796	[A/C]	1067304561
Ca_Kabuli_NW_004515945.1_660816	Ca_kabuli_scaffold	660816	[A/G]	1067304562
Ca_Kabuli_NW_004515945.1_660826	Ca_kabuli_scaffold	660826	[A/C]	1067304563
Ca_Kabuli_NW_004515953.1_77778	Ca_kabuli_scaffold	77778	[A/T]	1067304564
Ca_Kabuli_NW_004515954.1_111894	Ca_kabuli_scaffold	111894	[A/T]	1067304565
Ca_Kabuli_NW_004515954.1_131751	Ca_kabuli_scaffold	131751	[G/C]	1067304566
Ca_Kabuli_NW_004515954.1_133397	Ca_kabuli_scaffold	133397	[G/T]	1067304567
Ca_Kabuli_NW_004515957.1_148622	Ca_kabuli_scaffold	148622	[A/C]	1067304568
Ca_Kabuli_NW_004515963.1_78149	Ca_kabuli_scaffold	78149	[C/T]	1067304569
Ca_Kabuli_NW_004515963.1_78156	Ca_kabuli_scaffold	78156	[T/C]	1067304570
Ca_Kabuli_NW_004515965.1_172269	Ca_kabuli_scaffold	172269	[A/G]	1067304571
Ca_Kabuli_NW_004515965.1_172296	Ca_kabuli_scaffold	172296	[A/G]	1067304572
Ca_Kabuli_NW_004515965.1_172302	Ca_kabuli_scaffold	172302	[T/C]	1067304573
Ca_Kabuli_NW_004515965.1_172304	Ca_kabuli_scaffold	172304	[A/G]	1067304574
Ca_Kabuli_NW_004515965.1_173404	Ca_kabuli_scaffold	173404	[A/C]	1067304575
Ca_Kabuli_NW_004515967.1_7241	Ca_kabuli_scaffold	7241	[T/C]	1067304576

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515967.1_7260	Ca_kabuli_scaffold	7260	[A/C]	1067304577
Ca_Kabuli_NW_004515973.1_690	Ca_kabuli_scaffold	690	[G/A]	1067304578
Ca_Kabuli_NW_004515973.1_721	Ca_kabuli_scaffold	721	[C/T]	1067304579
Ca_Kabuli_NW_004515974.1_191705	Ca_kabuli_scaffold	191705	[A/T]	1067304580
Ca_Kabuli_NW_004515974.1_191723	Ca_kabuli_scaffold	191723	[A/T]	1067304581
Ca_Kabuli_NW_004515974.1_191929	Ca_kabuli_scaffold	191929	[C/T]	1067304582
Ca_Kabuli_NW_004515974.1_191973	Ca_kabuli_scaffold	191973	[A/T]	1067304583
Ca_Kabuli_NW_004515974.1_247948	Ca_kabuli_scaffold	247948	[T/A]	1067304584
Ca_Kabuli_NW_004515974.1_247957	Ca_kabuli_scaffold	247957	[T/G]	1067304585
Ca_Kabuli_NW_004515974.1_265942	Ca_kabuli_scaffold	265942	[T/G]	1067304586
Ca_Kabuli_NW_004515976.1_83032	Ca_kabuli_scaffold	83032	[A/G]	1067304587
Ca_Kabuli_NW_004515976.1_83033	Ca_kabuli_scaffold	83033	[G/A]	1067304588
Ca_Kabuli_NW_004515976.1_83034	Ca_kabuli_scaffold	83034	[C/T]	1067304589
Ca_Kabuli_NW_004515976.1_83036	Ca_kabuli_scaffold	83036	[G/T]	1067304590
Ca_Kabuli_NW_004515976.1_83094	Ca_kabuli_scaffold	83094	[A/T]	1067304591
Ca_Kabuli_NW_004515976.1_112095	Ca_kabuli_scaffold	112095	[T/C]	1067304592
Ca_Kabuli_NW_004515976.1_112121	Ca_kabuli_scaffold	112121	[T/A]	1067304593
Ca_Kabuli_NW_004515976.1_112130	Ca_kabuli_scaffold	112130	[A/C]	1067304594
Ca_Kabuli_NW_004515976.1_118571	Ca_kabuli_scaffold	118571	[T/A]	1067304595
Ca_Kabuli_NW_004515976.1_118613	Ca_kabuli_scaffold	118613	[A/G]	1067304596
Ca_Kabuli_NW_004515976.1_184646	Ca_kabuli_scaffold	184646	[A/G]	1067304597
Ca_Kabuli_NW_004515979.1_139569	Ca_kabuli_scaffold	139569	[A/C]	1067304598
Ca_Kabuli_NW_004515981.1_207045	Ca_kabuli_scaffold	207045	[A/T]	1067304599
Ca_Kabuli_NW_004515981.1_207048	Ca_kabuli_scaffold	207048	[T/C]	1067304600
Ca_Kabuli_NW_004515981.1_207094	Ca_kabuli_scaffold	207094	[G/T]	1067304601
Ca_Kabuli_NW_004515981.1_207105	Ca_kabuli_scaffold	207105	[T/C]	1067304602
Ca_Kabuli_NW_004515981.1_207107	Ca_kabuli_scaffold	207107	[A/G]	1067304603
Ca_Kabuli_NW_004515981.1_220119	Ca_kabuli_scaffold	220119	[T/C]	1067304604
Ca_Kabuli_NW_004515981.1_220160	Ca_kabuli_scaffold	220160	[T/A]	1067304605
Ca_Kabuli_NW_004515981.1_220166	Ca_kabuli_scaffold	220166	[T/A]	1067304606
Ca_Kabuli_NW_004515981.1_222163	Ca_kabuli_scaffold	222163	[A/G]	1067304607
Ca_Kabuli_NW_004515981.1_222173	Ca_kabuli_scaffold	222173	[T/A]	1067304608
Ca_Kabuli_NW_004515981.1_222175	Ca_kabuli_scaffold	222175	[T/C]	1067304609
Ca_Kabuli_NW_004515981.1_222176	Ca_kabuli_scaffold	222176	[T/G]	1067304610

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515981.1_223137	Ca_kabuli_scaffold	223137	[A/T]	1067304611
Ca_Kabuli_NW_004515981.1_238192	Ca_kabuli_scaffold	238192	[A/C]	1067304612
Ca_Kabuli_NW_004515981.1_238193	Ca_kabuli_scaffold	238193	[G/T]	1067304613
Ca_Kabuli_NW_004515984.1_3401	Ca_kabuli_scaffold	3401	[T/A]	1067304614
Ca_Kabuli_NW_004515984.1_20980	Ca_kabuli_scaffold	20980	[T/G]	1067304615
Ca_Kabuli_NW_004515984.1_74806	Ca_kabuli_scaffold	74806	[T/G]	1067304616
Ca_Kabuli_NW_004515984.1_74828	Ca_kabuli_scaffold	74828	[A/G]	1067304617
Ca_Kabuli_NW_004515984.1_74833	Ca_kabuli_scaffold	74833	[C/G]	1067304618
Ca_Kabuli_NW_004515984.1_266729	Ca_kabuli_scaffold	266729	[A/C]	1067304619
Ca_Kabuli_NW_004515984.1_266741	Ca_kabuli_scaffold	266741	[A/C]	1067304620
Ca_Kabuli_NW_004515984.1_266761	Ca_kabuli_scaffold	266761	[A/G]	1067304621
Ca_Kabuli_NW_004515984.1_266820	Ca_kabuli_scaffold	266820	[C/G]	1067304622
Ca_Kabuli_NW_004515984.1_266822	Ca_kabuli_scaffold	266822	[T/C]	1067304623
Ca_Kabuli_NW_004515984.1_266847	Ca_kabuli_scaffold	266847	[A/G]	1067304624
Ca_Kabuli_NW_004515984.1_266848	Ca_kabuli_scaffold	266848	[A/C]	1067304625
Ca_Kabuli_NW_004515984.1_266852	Ca_kabuli_scaffold	266852	[T/C]	1067304626
Ca_Kabuli_NW_004515984.1_266866	Ca_kabuli_scaffold	266866	[A/C]	1067304627
Ca_Kabuli_NW_004515984.1_266871	Ca_kabuli_scaffold	266871	[A/C]	1067304628
Ca_Kabuli_NW_004515985.1_53632	Ca_kabuli_scaffold	53632	[G/T]	1067304629
Ca_Kabuli_NW_004515986.1_11292	Ca_kabuli_scaffold	11292	[C/T]	1067304630
Ca_Kabuli_NW_004515986.1_83402	Ca_kabuli_scaffold	83402	[A/C]	1067304631
Ca_Kabuli_NW_004515986.1_83406	Ca_kabuli_scaffold	83406	[A/C]	1067304632
Ca_Kabuli_NW_004515986.1_83449	Ca_kabuli_scaffold	83449	[A/G]	1067304633
Ca_Kabuli_NW_004515986.1_83503	Ca_kabuli_scaffold	83503	[A/G]	1067304634
Ca_Kabuli_NW_004515986.1_138914	Ca_kabuli_scaffold	138914	[T/G]	1067304635
Ca_Kabuli_NW_004515986.1_147568	Ca_kabuli_scaffold	147568	[T/G]	1067304636
Ca_Kabuli_NW_004515986.1_218699	Ca_kabuli_scaffold	218699	[A/C]	1067304637
Ca_Kabuli_NW_004515986.1_227149	Ca_kabuli_scaffold	227149	[T/C]	1067304638
Ca_Kabuli_NW_004515986.1_227166	Ca_kabuli_scaffold	227166	[T/C]	1067304639
Ca_Kabuli_NW_004515986.1_227169	Ca_kabuli_scaffold	227169	[A/G]	1067304640
Ca_Kabuli_NW_004515986.1_227192	Ca_kabuli_scaffold	227192	[G/A]	1067304641
Ca_Kabuli_NW_004515986.1_227203	Ca_kabuli_scaffold	227203	[A/G]	1067304642
Ca_Kabuli_NW_004515986.1_227205	Ca_kabuli_scaffold	227205	[A/G]	1067304643
Ca_Kabuli_NW_004515986.1_227213	Ca_kabuli_scaffold	227213	[T/C]	1067304644

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515989.1_17488	Ca_kabuli_scaffold	17488	[A/C]	1067304645
Ca_Kabuli_NW_004515989.1_648290	Ca_kabuli_scaffold	648290	[A/G]	1067304646
Ca_Kabuli_NW_004515989.1_648351	Ca_kabuli_scaffold	648351	[T/G]	1067304647
Ca_Kabuli_NW_004515992.1_235181	Ca_kabuli_scaffold	235181	[T/A]	1067304648
Ca_Kabuli_NW_004515992.1_235191	Ca_kabuli_scaffold	235191	[T/G]	1067304649
Ca_Kabuli_NW_004515992.1_235227	Ca_kabuli_scaffold	235227	[A/T]	1067304650
Ca_Kabuli_NW_004515992.1_235362	Ca_kabuli_scaffold	235362	[T/A]	1067304651
Ca_Kabuli_NW_004515992.1_291235	Ca_kabuli_scaffold	291235	[A/C]	1067304652
Ca_Kabuli_NW_004515992.1_401898	Ca_kabuli_scaffold	401898	[T/A]	1067304653
Ca_Kabuli_NW_004515992.1_401904	Ca_kabuli_scaffold	401904	[T/C]	1067304654
Ca_Kabuli_NW_004515992.1_401905	Ca_kabuli_scaffold	401905	[A/T]	1067304655
Ca_Kabuli_NW_004515992.1_401923	Ca_kabuli_scaffold	401923	[T/G]	1067304656
Ca_Kabuli_NW_004515992.1_401947	Ca_kabuli_scaffold	401947	[T/C]	1067304657
Ca_Kabuli_NW_004515992.1_402658	Ca_kabuli_scaffold	402658	[A/T]	1067304658
Ca_Kabuli_NW_004515992.1_402663	Ca_kabuli_scaffold	402663	[A/C]	1067304659
Ca_Kabuli_NW_004515992.1_442094	Ca_kabuli_scaffold	442094	[T/C]	1067304660
Ca_Kabuli_NW_004515992.1_442114	Ca_kabuli_scaffold	442114	[A/G]	1067304661
Ca_Kabuli_NW_004515992.1_443299	Ca_kabuli_scaffold	443299	[A/C]	1067304662
Ca_Kabuli_NW_004515992.1_607428	Ca_kabuli_scaffold	607428	[T/A]	1067304663
Ca_Kabuli_NW_004515992.1_607596	Ca_kabuli_scaffold	607596	[T/A]	1067304664
Ca_Kabuli_NW_004515992.1_607657	Ca_kabuli_scaffold	607657	[A/G]	1067304665
Ca_Kabuli_NW_004515992.1_608668	Ca_kabuli_scaffold	608668	[A/G]	1067304666
Ca_Kabuli_NW_004515992.1_715934	Ca_kabuli_scaffold	715934	[A/C]	1067304667
Ca_Kabuli_NW_004515992.1_793782	Ca_kabuli_scaffold	793782	[A/G]	1067304668
Ca_Kabuli_NW_004515992.1_793807	Ca_kabuli_scaffold	793807	[A/G]	1067304669
Ca_Kabuli_NW_004515992.1_794403	Ca_kabuli_scaffold	794403	[T/A]	1067304670
Ca_Kabuli_NW_004515992.1_795669	Ca_kabuli_scaffold	795669	[C/A]	1067304671
Ca_Kabuli_NW_004515998.1_49143	Ca_kabuli_scaffold	49143	[T/C]	1067304672
Ca_Kabuli_NW_004515998.1_49173	Ca_kabuli_scaffold	49173	[A/G]	1067304673
Ca_Kabuli_NW_004515998.1_87361	Ca_kabuli_scaffold	87361	[G/T]	1067304674
Ca_Kabuli_NW_004515998.1_116793	Ca_kabuli_scaffold	116793	[G/T]	1067304675
Ca_Kabuli_NW_004515999.1_221770	Ca_kabuli_scaffold	221770	[C/A]	1067304676
Ca_Kabuli_NW_004515999.1_221778	Ca_kabuli_scaffold	221778	[G/A]	1067304677
Ca_Kabuli_NW_004515999.1_221789	Ca_kabuli_scaffold	221789	[T/C]	1067304678

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004515999.1_221792	Ca_kabuli_scaffold	221792	[C/A]	1067304679
Ca_Kabuli_NW_004516009.1_85858	Ca_kabuli_scaffold	85858	[C/A]	1067304680
Ca_Kabuli_NW_004516009.1_85866	Ca_kabuli_scaffold	85866	[C/T]	1067304681
Ca_Kabuli_NW_004516009.1_96389	Ca_kabuli_scaffold	96389	[T/G]	1067304682
Ca_Kabuli_NW_004516009.1_99047	Ca_kabuli_scaffold	99047	[G/T]	1067304683
Ca_Kabuli_NW_004516009.1_99050	Ca_kabuli_scaffold	99050	[C/G]	1067304684
Ca_Kabuli_NW_004516009.1_99059	Ca_kabuli_scaffold	99059	[G/T]	1067304685
Ca_Kabuli_NW_004516009.1_99065	Ca_kabuli_scaffold	99065	[A/G]	1067304686
Ca_Kabuli_NW_004516009.1_99068	Ca_kabuli_scaffold	99068	[G/T]	1067304687
Ca_Kabuli_NW_004516009.1_102713	Ca_kabuli_scaffold	102713	[C/T]	1067304688
Ca_Kabuli_NW_004516009.1_102725	Ca_kabuli_scaffold	102725	[T/A]	1067304689
Ca_Kabuli_NW_004516009.1_102731	Ca_kabuli_scaffold	102731	[C/T]	1067304690
Ca_Kabuli_NW_004516009.1_110278	Ca_kabuli_scaffold	110278	[T/C]	1067304691
Ca_Kabuli_NW_004516009.1_110299	Ca_kabuli_scaffold	110299	[A/G]	1067304692
Ca_Kabuli_NW_004516009.1_110301	Ca_kabuli_scaffold	110301	[T/C]	1067304693
Ca_Kabuli_NW_004516009.1_110753	Ca_kabuli_scaffold	110753	[G/A]	1067304694
Ca_Kabuli_NW_004516009.1_110757	Ca_kabuli_scaffold	110757	[T/C]	1067304695
Ca_Kabuli_NW_004516009.1_110759	Ca_kabuli_scaffold	110759	[C/T]	1067304696
Ca_Kabuli_NW_004516009.1_110765	Ca_kabuli_scaffold	110765	[C/T]	1067304697
Ca_Kabuli_NW_004516009.1_110772	Ca_kabuli_scaffold	110772	[G/T]	1067304698
Ca_Kabuli_NW_004516009.1_110785	Ca_kabuli_scaffold	110785	[C/T]	1067304699
Ca_Kabuli_NW_004516009.1_112053	Ca_kabuli_scaffold	112053	[A/C]	1067304700
Ca_Kabuli_NW_004516009.1_112071	Ca_kabuli_scaffold	112071	[A/T]	1067304701
Ca_Kabuli_NW_004516009.1_112079	Ca_kabuli_scaffold	112079	[A/G]	1067304702
Ca_Kabuli_NW_004516009.1_112373	Ca_kabuli_scaffold	112373	[A/G]	1067304703
Ca_Kabuli_NW_004516009.1_112384	Ca_kabuli_scaffold	112384	[A/C]	1067304704
Ca_Kabuli_NW_004516009.1_112432	Ca_kabuli_scaffold	112432	[G/A]	1067304705
Ca_Kabuli_NW_004516009.1_112433	Ca_kabuli_scaffold	112433	[G/A]	1067304706
Ca_Kabuli_NW_004516009.1_112434	Ca_kabuli_scaffold	112434	[C/T]	1067304707
Ca_Kabuli_NW_004516009.1_112479	Ca_kabuli_scaffold	112479	[A/G]	1067304708
Ca_Kabuli_NW_004516009.1_112488	Ca_kabuli_scaffold	112488	[A/G]	1067304709
Ca_Kabuli_NW_004516009.1_112495	Ca_kabuli_scaffold	112495	[T/C]	1067304710
Ca_Kabuli_NW_004516009.1_112497	Ca_kabuli_scaffold	112497	[T/C]	1067304711
Ca_Kabuli_NW_004516009.1_112585	Ca_kabuli_scaffold	112585	[A/C]	1067304712

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516009.1_112607	Ca_kabuli_scaffold	112607	[A/G]	1067304713
Ca_Kabuli_NW_004516009.1_113780	Ca_kabuli_scaffold	113780	[T/A]	1067304714
Ca_Kabuli_NW_004516009.1_113823	Ca_kabuli_scaffold	113823	[A/C]	1067304715
Ca_Kabuli_NW_004516014.1_88419	Ca_kabuli_scaffold	88419	[A/G]	1067304716
Ca_Kabuli_NW_004516015.1_150202	Ca_kabuli_scaffold	150202	[G/A]	1067304717
Ca_Kabuli_NW_004516015.1_150215	Ca_kabuli_scaffold	150215	[G/A]	1067304718
Ca_Kabuli_NW_004516015.1_150232	Ca_kabuli_scaffold	150232	[G/A]	1067304719
Ca_Kabuli_NW_004516015.1_150237	Ca_kabuli_scaffold	150237	[C/T]	1067304720
Ca_Kabuli_NW_004516029.1_102993	Ca_kabuli_scaffold	102993	[A/G]	1067304721
Ca_Kabuli_NW_004516029.1_102998	Ca_kabuli_scaffold	102998	[T/G]	1067304722
Ca_Kabuli_NW_004516029.1_137196	Ca_kabuli_scaffold	137196	[G/T]	1067304723
Ca_Kabuli_NW_004516029.1_161754	Ca_kabuli_scaffold	161754	[T/C]	1067304724
Ca_Kabuli_NW_004516029.1_300921	Ca_kabuli_scaffold	300921	[A/C]	1067304725
Ca_Kabuli_NW_004516029.1_300944	Ca_kabuli_scaffold	300944	[T/C]	1067304726
Ca_Kabuli_NW_004516029.1_300957	Ca_kabuli_scaffold	300957	[T/G]	1067304727
Ca_Kabuli_NW_004516029.1_300960	Ca_kabuli_scaffold	300960	[C/T]	1067304728
Ca_Kabuli_NW_004516029.1_300966	Ca_kabuli_scaffold	300966	[A/T]	1067304729
Ca_Kabuli_NW_004516029.1_300967	Ca_kabuli_scaffold	300967	[G/T]	1067304730
Ca_Kabuli_NW_004516029.1_300972	Ca_kabuli_scaffold	300972	[G/T]	1067304731
Ca_Kabuli_NW_004516029.1_390787	Ca_kabuli_scaffold	390787	[A/C]	1067304732
Ca_Kabuli_NW_004516029.1_404045	Ca_kabuli_scaffold	404045	[T/A]	1067304733
Ca_Kabuli_NW_004516029.1_404364	Ca_kabuli_scaffold	404364	[T/C]	1067304734
Ca_Kabuli_NW_004516029.1_410447	Ca_kabuli_scaffold	410447	[A/T]	1067304735
Ca_Kabuli_NW_004516030.1_110316	Ca_kabuli_scaffold	110316	[T/C]	1067304736
Ca_Kabuli_NW_004516030.1_240474	Ca_kabuli_scaffold	240474	[A/T]	1067304737
Ca_Kabuli_NW_004516030.1_294438	Ca_kabuli_scaffold	294438	[G/A]	1067304738
Ca_Kabuli_NW_004516031.1_71998	Ca_kabuli_scaffold	71998	[A/T]	1067304739
Ca_Kabuli_NW_004516031.1_72041	Ca_kabuli_scaffold	72041	[A/C]	1067304740
Ca_Kabuli_NW_004516031.1_110896	Ca_kabuli_scaffold	110896	[C/A]	1067304741
Ca_Kabuli_NW_004516031.1_110898	Ca_kabuli_scaffold	110898	[A/T]	1067304742
Ca_Kabuli_NW_004516031.1_110909	Ca_kabuli_scaffold	110909	[A/T]	1067304743
Ca_Kabuli_NW_004516043.1_62540	Ca_kabuli_scaffold	62540	[A/G]	1067304744
Ca_Kabuli_NW_004516043.1_93984	Ca_kabuli_scaffold	93984	[G/A]	1067304745
Ca_Kabuli_NW_004516048.1_87982	Ca_kabuli_scaffold	87982	[T/G]	1067304746

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516050.1_343389	Ca_kabuli_scaffold	343389	[A/G]	1067304747
Ca_Kabuli_NW_004516050.1_343407	Ca_kabuli_scaffold	343407	[A/T]	1067304748
Ca_Kabuli_NW_004516050.1_343411	Ca_kabuli_scaffold	343411	[A/G]	1067304749
Ca_Kabuli_NW_004516058.1_31412	Ca_kabuli_scaffold	31412	[A/G]	1067304750
Ca_Kabuli_NW_004516058.1_31470	Ca_kabuli_scaffold	31470	[T/C]	1067304751
Ca_Kabuli_NW_004516058.1_31480	Ca_kabuli_scaffold	31480	[A/C]	1067304752
Ca_Kabuli_NW_004516058.1_107549	Ca_kabuli_scaffold	107549	[A/G]	1067304753
Ca_Kabuli_NW_004516058.1_107605	Ca_kabuli_scaffold	107605	[T/C]	1067304754
Ca_Kabuli_NW_004516058.1_107612	Ca_kabuli_scaffold	107612	[T/A]	1067304755
Ca_Kabuli_NW_004516058.1_107618	Ca_kabuli_scaffold	107618	[T/C]	1067304756
Ca_Kabuli_NW_004516058.1_107623	Ca_kabuli_scaffold	107623	[G/A]	1067304757
Ca_Kabuli_NW_004516058.1_107625	Ca_kabuli_scaffold	107625	[T/C]	1067304758
Ca_Kabuli_NW_004516059.1_190652	Ca_kabuli_scaffold	190652	[T/C]	1067304759
Ca_Kabuli_NW_004516061.1_7306	Ca_kabuli_scaffold	7306	[T/G]	1067304760
Ca_Kabuli_NW_004516061.1_44096	Ca_kabuli_scaffold	44096	[T/C]	1067304761
Ca_Kabuli_NW_004516061.1_48008	Ca_kabuli_scaffold	48008	[A/G]	1067304762
Ca_Kabuli_NW_004516061.1_145557	Ca_kabuli_scaffold	145557	[A/C]	1067304763
Ca_Kabuli_NW_004516061.1_145559	Ca_kabuli_scaffold	145559	[C/G]	1067304764
Ca_Kabuli_NW_004516061.1_145560	Ca_kabuli_scaffold	145560	[T/G]	1067304765
Ca_Kabuli_NW_004516061.1_572432	Ca_kabuli_scaffold	572432	[A/G]	1067304766
Ca_Kabuli_NW_004516061.1_572434	Ca_kabuli_scaffold	572434	[A/G]	1067304767
Ca_Kabuli_NW_004516061.1_572444	Ca_kabuli_scaffold	572444	[A/G]	1067304768
Ca_Kabuli_NW_004516061.1_572459	Ca_kabuli_scaffold	572459	[T/C]	1067304769
Ca_Kabuli_NW_004516061.1_614966	Ca_kabuli_scaffold	614966	[T/C]	1067304770
Ca_Kabuli_NW_004516061.1_614968	Ca_kabuli_scaffold	614968	[T/C]	1067304771
Ca_Kabuli_NW_004516061.1_614970	Ca_kabuli_scaffold	614970	[G/T]	1067304772
Ca_Kabuli_NW_004516062.1_18115	Ca_kabuli_scaffold	18115	[A/G]	1067304773
Ca_Kabuli_NW_004516063.1_176958	Ca_kabuli_scaffold	176958	[A/T]	1067304774
Ca_Kabuli_NW_004516063.1_214380	Ca_kabuli_scaffold	214380	[A/C]	1067304775
Ca_Kabuli_NW_004516063.1_214409	Ca_kabuli_scaffold	214409	[T/A]	1067304776
Ca_Kabuli_NW_004516063.1_239854	Ca_kabuli_scaffold	239854	[A/G]	1067304777
Ca_Kabuli_NW_004516063.1_245029	Ca_kabuli_scaffold	245029	[T/A]	1067304778
Ca_Kabuli_NW_004516063.1_245034	Ca_kabuli_scaffold	245034	[C/T]	1067304779
Ca_Kabuli_NW_004516063.1_245036	Ca_kabuli_scaffold	245036	[T/A]	1067304780

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516070.1_53912	Ca_kabuli_scaffold	53912	[T/A]	1067304781
Ca_Kabuli_NW_004516070.1_53913	Ca_kabuli_scaffold	53913	[C/A]	1067304782
Ca_Kabuli_NW_004516070.1_53914	Ca_kabuli_scaffold	53914	[T/G]	1067304783
Ca_Kabuli_NW_004516070.1_142907	Ca_kabuli_scaffold	142907	[A/C]	1067304784
Ca_Kabuli_NW_004516070.1_176821	Ca_kabuli_scaffold	176821	[T/A]	1067304785
Ca_Kabuli_NW_004516070.1_183054	Ca_kabuli_scaffold	183054	[T/C]	1067304786
Ca_Kabuli_NW_004516070.1_183063	Ca_kabuli_scaffold	183063	[G/A]	1067304787
Ca_Kabuli_NW_004516070.1_191740	Ca_kabuli_scaffold	191740	[T/C]	1067304788
Ca_Kabuli_NW_004516070.1_191748	Ca_kabuli_scaffold	191748	[T/A]	1067304789
Ca_Kabuli_NW_004516076.1_159222	Ca_kabuli_scaffold	159222	[C/A]	1067304790
Ca_Kabuli_NW_004516076.1_159223	Ca_kabuli_scaffold	159223	[T/G]	1067304791
Ca_Kabuli_NW_004516076.1_311139	Ca_kabuli_scaffold	311139	[G/T]	1067304792
Ca_Kabuli_NW_004516076.1_350644	Ca_kabuli_scaffold	350644	[T/G]	1067304793
Ca_Kabuli_NW_004516076.1_350659	Ca_kabuli_scaffold	350659	[A/C]	1067304794
Ca_Kabuli_NW_004516076.1_472607	Ca_kabuli_scaffold	472607	[A/T]	1067304795
Ca_Kabuli_NW_004516076.1_472614	Ca_kabuli_scaffold	472614	[T/A]	1067304796
Ca_Kabuli_NW_004516078.1_156608	Ca_kabuli_scaffold	156608	[T/G]	1067304797
Ca_Kabuli_NW_004516078.1_156624	Ca_kabuli_scaffold	156624	[T/G]	1067304798
Ca_Kabuli_NW_004516078.1_156630	Ca_kabuli_scaffold	156630	[T/G]	1067304799
Ca_Kabuli_NW_004516088.1_136995	Ca_kabuli_scaffold	136995	[C/A]	1067304800
Ca_Kabuli_NW_004516088.1_265998	Ca_kabuli_scaffold	265998	[A/C]	1067304801
Ca_Kabuli_NW_004516088.1_309725	Ca_kabuli_scaffold	309725	[C/T]	1067304802
Ca_Kabuli_NW_004516088.1_582040	Ca_kabuli_scaffold	582040	[T/G]	1067304803
Ca_Kabuli_NW_004516088.1_582047	Ca_kabuli_scaffold	582047	[A/C]	1067304804
Ca_Kabuli_NW_004516088.1_608617	Ca_kabuli_scaffold	608617	[T/G]	1067304805
Ca_Kabuli_NW_004516088.1_608619	Ca_kabuli_scaffold	608619	[G/T]	1067304806
Ca_Kabuli_NW_004516088.1_608620	Ca_kabuli_scaffold	608620	[C/G]	1067304807
Ca_Kabuli_NW_004516088.1_608623	Ca_kabuli_scaffold	608623	[T/G]	1067304808
Ca_Kabuli_NW_004516088.1_608627	Ca_kabuli_scaffold	608627	[A/T]	1067304809
Ca_Kabuli_NW_004516088.1_608630	Ca_kabuli_scaffold	608630	[G/A]	1067304810
Ca_Kabuli_NW_004516088.1_608632	Ca_kabuli_scaffold	608632	[A/C]	1067304811
Ca_Kabuli_NW_004516088.1_608633	Ca_kabuli_scaffold	608633	[C/A]	1067304812
Ca_Kabuli_NW_004516088.1_635370	Ca_kabuli_scaffold	635370	[G/T]	1067304813
Ca_Kabuli_NW_004516088.1_637666	Ca_kabuli_scaffold	637666	[A/T]	1067304814



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516088.1_652539	Ca_kabuli_scaffold	652539	[A/C]	1067304815
Ca_Kabuli_NW_004516088.1_662223	Ca_kabuli_scaffold	662223	[A/T]	1067304816
Ca_Kabuli_NW_004516088.1_770252	Ca_kabuli_scaffold	770252	[A/G]	1067304817
Ca_Kabuli_NW_004516095.1_149789	Ca_kabuli_scaffold	149789	[G/T]	1067304818
Ca_Kabuli_NW_004516095.1_156744	Ca_kabuli_scaffold	156744	[A/C]	1067304819
Ca_Kabuli_NW_004516095.1_156786	Ca_kabuli_scaffold	156786	[T/A]	1067304820
Ca_Kabuli_NW_004516095.1_238439	Ca_kabuli_scaffold	238439	[T/G]	1067304821
Ca_Kabuli_NW_004516095.1_541994	Ca_kabuli_scaffold	541994	[A/T]	1067304822
Ca_Kabuli_NW_004516095.1_542034	Ca_kabuli_scaffold	542034	[A/G]	1067304823
Ca_Kabuli_NW_004516095.1_542039	Ca_kabuli_scaffold	542039	[A/G]	1067304824
Ca_Kabuli_NW_004516095.1_542055	Ca_kabuli_scaffold	542055	[T/C]	1067304825
Ca_Kabuli_NW_004516097.1_78842	Ca_kabuli_scaffold	78842	[G/A]	1067304826
Ca_Kabuli_NW_004516097.1_78864	Ca_kabuli_scaffold	78864	[C/T]	1067304827
Ca_Kabuli_NW_004516097.1_78871	Ca_kabuli_scaffold	78871	[C/G]	1067304828
Ca_Kabuli_NW_004516097.1_78883	Ca_kabuli_scaffold	78883	[T/G]	1067304829
Ca_Kabuli_NW_004516099.1_220971	Ca_kabuli_scaffold	220971	[G/A]	1067304830
Ca_Kabuli_NW_004516109.1_22949	Ca_kabuli_scaffold	22949	[A/C]	1067304831
Ca_Kabuli_NW_004516109.1_247526	Ca_kabuli_scaffold	247526	[A/C]	1067304832
Ca_Kabuli_NW_004516114.1_137132	Ca_kabuli_scaffold	137132	[C/A]	1067304833
Ca_Kabuli_NW_004516114.1_137133	Ca_kabuli_scaffold	137133	[A/G]	1067304834
Ca_Kabuli_NW_004516114.1_137134	Ca_kabuli_scaffold	137134	[T/A]	1067304835
Ca_Kabuli_NW_004516114.1_138239	Ca_kabuli_scaffold	138239	[A/C]	1067304836
Ca_Kabuli_NW_004516117.1_183276	Ca_kabuli_scaffold	183276	[C/T]	1067304837
Ca_Kabuli_NW_004516119.1_52611	Ca_kabuli_scaffold	52611	[T/G]	1067304838
Ca_Kabuli_NW_004516120.1_130103	Ca_kabuli_scaffold	130103	[T/C]	1067304839
Ca_Kabuli_NW_004516120.1_196956	Ca_kabuli_scaffold	196956	[T/G]	1067304840
Ca_Kabuli_NW_004516120.1_370374	Ca_kabuli_scaffold	370374	[C/T]	1067304841
Ca_Kabuli_NW_004516120.1_370559	Ca_kabuli_scaffold	370559	[C/G]	1067304842
Ca_Kabuli_NW_004516120.1_370635	Ca_kabuli_scaffold	370635	[A/G]	1067304843
Ca_Kabuli_NW_004516120.1_370637	Ca_kabuli_scaffold	370637	[T/C]	1067304844
Ca_Kabuli_NW_004516120.1_370639	Ca_kabuli_scaffold	370639	[T/A]	1067304845
Ca_Kabuli_NW_004516120.1_370650	Ca_kabuli_scaffold	370650	[A/C]	1067304846
Ca_Kabuli_NW_004516123.1_25019	Ca_kabuli_scaffold	25019	[A/G]	1067304847
Ca_Kabuli_NW_004516126.1_106230	Ca_kabuli_scaffold	106230	[A/G]	1067304848

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516126.1_362149	Ca_kabuli_scaffold	362149	[G/A]	1067304849
Ca_Kabuli_NW_004516126.1_362158	Ca_kabuli_scaffold	362158	[A/G]	1067304850
Ca_Kabuli_NW_004516126.1_362178	Ca_kabuli_scaffold	362178	[A/C]	1067304851
Ca_Kabuli_NW_004516126.1_372294	Ca_kabuli_scaffold	372294	[T/C]	1067304852
Ca_Kabuli_NW_004516126.1_372313	Ca_kabuli_scaffold	372313	[T/G]	1067304853
Ca_Kabuli_NW_004516126.1_372318	Ca_kabuli_scaffold	372318	[A/G]	1067304854
Ca_Kabuli_NW_004516126.1_372982	Ca_kabuli_scaffold	372982	[A/C]	1067304855
Ca_Kabuli_NW_004516141.1_2830	Ca_kabuli_scaffold	2830	[G/A]	1067304856
Ca_Kabuli_NW_004516141.1_382255	Ca_kabuli_scaffold	382255	[T/A]	1067304857
Ca_Kabuli_NW_004516141.1_382388	Ca_kabuli_scaffold	382388	[G/A]	1067304858
Ca_Kabuli_NW_004516142.1_7429	Ca_kabuli_scaffold	7429	[A/T]	1067304859
Ca_Kabuli_NW_004516145.1_72913	Ca_kabuli_scaffold	72913	[G/A]	1067304860
Ca_Kabuli_NW_004516145.1_72918	Ca_kabuli_scaffold	72918	[C/T]	1067304861
Ca_Kabuli_NW_004516145.1_72928	Ca_kabuli_scaffold	72928	[G/C]	1067304862
Ca_Kabuli_NW_004516145.1_72939	Ca_kabuli_scaffold	72939	[A/C]	1067304863
Ca_Kabuli_NW_004516145.1_72953	Ca_kabuli_scaffold	72953	[A/T]	1067304864
Ca_Kabuli_NW_004516152.1_16087	Ca_kabuli_scaffold	16087	[G/A]	1067304865
Ca_Kabuli_NW_004516152.1_16095	Ca_kabuli_scaffold	16095	[T/G]	1067304866
Ca_Kabuli_NW_004516155.1_14191	Ca_kabuli_scaffold	14191	[A/G]	1067304867
Ca_Kabuli_NW_004516155.1_14228	Ca_kabuli_scaffold	14228	[C/T]	1067304868
Ca_Kabuli_NW_004516156.1_108823	Ca_kabuli_scaffold	108823	[G/A]	1067304869
Ca_Kabuli_NW_004516156.1_108825	Ca_kabuli_scaffold	108825	[C/T]	1067304870
Ca_Kabuli_NW_004516157.1_31290	Ca_kabuli_scaffold	31290	[G/A]	1067304871
Ca_Kabuli_NW_004516157.1_69442	Ca_kabuli_scaffold	69442	[A/G]	1067304872
Ca_Kabuli_NW_004516157.1_69445	Ca_kabuli_scaffold	69445	[A/G]	1067304873
Ca_Kabuli_NW_004516157.1_231759	Ca_kabuli_scaffold	231759	[A/C]	1067304874
Ca_Kabuli_NW_004516157.1_231827	Ca_kabuli_scaffold	231827	[C/T]	1067304875
Ca_Kabuli_NW_004516159.1_223453	Ca_kabuli_scaffold	223453	[A/G]	1067304876
Ca_Kabuli_NW_004516159.1_279987	Ca_kabuli_scaffold	279987	[A/G]	1067304877
Ca_Kabuli_NW_004516159.1_356052	Ca_kabuli_scaffold	356052	[G/T]	1067304878
Ca_Kabuli_NW_004516159.1_356092	Ca_kabuli_scaffold	356092	[A/G]	1067304879
Ca_Kabuli_NW_004516159.1_356109	Ca_kabuli_scaffold	356109	[T/C]	1067304880
Ca_Kabuli_NW_004516160.1_41384	Ca_kabuli_scaffold	41384	[G/T]	1067304881
Ca_Kabuli_NW_004516162.1_3037	Ca_kabuli_scaffold	3037	[G/T]	1067304882

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NW_004516165.1_102949	Ca_kabuli_scaffold	102949	[C/A]	1067304884
Ca_Kabuli_NW_004516165.1_259304	Ca_kabuli_scaffold	259304	[T/G]	1067304885
Ca_Kabuli_NW_004516165.1_259396	Ca_kabuli_scaffold	259396	[G/T]	1067304886
Ca_Kabuli_NW_004516169.1_360756	Ca_kabuli_scaffold	360756	[T/C]	1067304887
Ca_Kabuli_NW_004516171.1_52221	Ca_kabuli_scaffold	52221	[A/C]	1067304888
Ca_Kabuli_NW_004516179.1_110755	Ca_kabuli_scaffold	110755	[T/A]	1067304889
Ca_Kabuli_NW_004516179.1_110758	Ca_kabuli_scaffold	110758	[A/G]	1067304890
Ca_Kabuli_NW_004516179.1_110781	Ca_kabuli_scaffold	110781	[A/G]	1067304891
Ca_Kabuli_NW_004516179.1_153720	Ca_kabuli_scaffold	153720	[A/T]	1067304892
Ca_Kabuli_NW_004516182.1_129263	Ca_kabuli_scaffold	129263	[A/G]	1067304893
Ca_Kabuli_NW_004516182.1_129265	Ca_kabuli_scaffold	129265	[G/T]	1067304894
Ca_Kabuli_NW_004516185.1_19878	Ca_kabuli_scaffold	19878	[A/C]	1067304895
Ca_Kabuli_NW_004516185.1_19904	Ca_kabuli_scaffold	19904	[A/G]	1067304896
Ca_Kabuli_NW_004516185.1_29415	Ca_kabuli_scaffold	29415	[T/G]	1067304897
Ca_Kabuli_NW_004516185.1_29432	Ca_kabuli_scaffold	29432	[A/C]	1067304898
Ca_Kabuli_NW_004516185.1_81392	Ca_kabuli_scaffold	81392	[T/G]	1067304899
Ca_Kabuli_NW_004516185.1_81402	Ca_kabuli_scaffold	81402	[T/G]	1067304900
Ca_Kabuli_NW_004516185.1_81445	Ca_kabuli_scaffold	81445	[A/G]	1067304901
Ca_Kabuli_NW_004516186.1_34684	Ca_kabuli_scaffold	34684	[G/A]	1067304902
Ca_Kabuli_NW_004516186.1_34700	Ca_kabuli_scaffold	34700	[A/C]	1067304903
Ca_Kabuli_NW_004516186.1_34708	Ca_kabuli_scaffold	34708	[G/T]	1067304904
Ca_Kabuli_NW_004516186.1_197437	Ca_kabuli_scaffold	197437	[G/T]	1067304905
Ca_Kabuli_NW_004516186.1_197499	Ca_kabuli_scaffold	197499	[A/T]	1067304906
Ca_Kabuli_NW_004516186.1_197525	Ca_kabuli_scaffold	197525	[G/A]	1067304907
Ca_Kabuli_NW_004516186.1_197537	Ca_kabuli_scaffold	197537	[T/A]	1067304908
Ca_Kabuli_NW_004516186.1_246201	Ca_kabuli_scaffold	246201	[A/C]	1067304909
Ca_Kabuli_NW_004516186.1_396019	Ca_kabuli_scaffold	396019	[T/G]	1067304910
Ca_Kabuli_NW_004516186.1_465704	Ca_kabuli_scaffold	465704	[T/C]	1067304911
Ca_Kabuli_NW_004516186.1_465714	Ca_kabuli_scaffold	465714	[G/T]	1067304912
Ca_Kabuli_NW_004516186.1_465722	Ca_kabuli_scaffold	465722	[G/T]	1067304913
Ca_Kabuli_NW_004516211.1_28172	Ca_kabuli_scaffold	28172	[T/G]	1067304914
Ca_Kabuli_NW_004516211.1_67951	Ca_kabuli_scaffold	67951	[A/T]	1067304915
Ca_Kabuli_NW_004516211.1_67961	Ca_kabuli_scaffold	67961	[C/T]	1067304916

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516211.1_68001	Ca_kabuli_scaffold	68001	[A/T]	1067304917
Ca_Kabuli_NW_004516211.1_68328	Ca_kabuli_scaffold	68328	[G/A]	1067304918
Ca_Kabuli_NW_004516211.1_78956	Ca_kabuli_scaffold	78956	[G/A]	1067304919
Ca_Kabuli_NW_004516211.1_129326	Ca_kabuli_scaffold	129326	[G/C]	1067304920
Ca_Kabuli_NW_004516211.1_138081	Ca_kabuli_scaffold	138081	[A/C]	1067304921
Ca_Kabuli_NW_004516211.1_138401	Ca_kabuli_scaffold	138401	[A/C]	1067304922
Ca_Kabuli_NW_004516211.1_144585	Ca_kabuli_scaffold	144585	[A/C]	1067304923
Ca_Kabuli_NW_004516211.1_174105	Ca_kabuli_scaffold	174105	[G/T]	1067304924
Ca_Kabuli_NW_004516211.1_185332	Ca_kabuli_scaffold	185332	[T/G]	1067304925
Ca_Kabuli_NW_004516211.1_185425	Ca_kabuli_scaffold	185425	[T/A]	1067304926
Ca_Kabuli_NW_004516211.1_205964	Ca_kabuli_scaffold	205964	[A/C]	1067304927
Ca_Kabuli_NW_004516211.1_206579	Ca_kabuli_scaffold	206579	[A/C]	1067304928
Ca_Kabuli_NW_004516211.1_206672	Ca_kabuli_scaffold	206672	[A/G]	1067304929
Ca_Kabuli_NW_004516212.1_100282	Ca_kabuli_scaffold	100282	[T/G]	1067304930
Ca_Kabuli_NW_004516212.1_100329	Ca_kabuli_scaffold	100329	[A/T]	1067304931
Ca_Kabuli_NW_004516212.1_100375	Ca_kabuli_scaffold	100375	[T/C]	1067304932
Ca_Kabuli_NW_004516212.1_100457	Ca_kabuli_scaffold	100457	[A/G]	1067304933
Ca_Kabuli_NW_004516212.1_107969	Ca_kabuli_scaffold	107969	[T/G]	1067304934
Ca_Kabuli_NW_004516212.1_108825	Ca_kabuli_scaffold	108825	[T/A]	1067304935
Ca_Kabuli_NW_004516212.1_108908	Ca_kabuli_scaffold	108908	[G/T]	1067304936
Ca_Kabuli_NW_004516212.1_111061	Ca_kabuli_scaffold	111061	[T/C]	1067304937
Ca_Kabuli_NW_004516212.1_111084	Ca_kabuli_scaffold	111084	[A/C]	1067304938
Ca_Kabuli_NW_004516213.1_39870	Ca_kabuli_scaffold	39870	[A/C]	1067304939
Ca_Kabuli_NW_004516213.1_39934	Ca_kabuli_scaffold	39934	[T/G]	1067304940
Ca_Kabuli_NW_004516213.1_39943	Ca_kabuli_scaffold	39943	[C/T]	1067304941
Ca_Kabuli_NW_004516213.1_86055	Ca_kabuli_scaffold	86055	[A/C]	1067304942
Ca_Kabuli_NW_004516213.1_86085	Ca_kabuli_scaffold	86085	[T/C]	1067304943
Ca_Kabuli_NW_004516213.1_90401	Ca_kabuli_scaffold	90401	[C/A]	1067304944
Ca_Kabuli_NW_004516213.1_90407	Ca_kabuli_scaffold	90407	[A/T]	1067304945
Ca_Kabuli_NW_004516213.1_90416	Ca_kabuli_scaffold	90416	[C/A]	1067304946
Ca_Kabuli_NW_004516213.1_155289	Ca_kabuli_scaffold	155289	[G/A]	1067304947
Ca_Kabuli_NW_004516227.1_295823	Ca_kabuli_scaffold	295823	[C/T]	1067304948
Ca_Kabuli_NW_004516230.1_71697	Ca_kabuli_scaffold	71697	[T/G]	1067304949
Ca_Kabuli_NW_004516231.1_131705	Ca_kabuli_scaffold	131705	[A/G]	1067304950

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516234.1_188769	Ca_kabuli_scaffold	188769	[C/T]	1067304951
Ca_Kabuli_NW_004516234.1_265247	Ca_kabuli_scaffold	265247	[A/C]	1067304952
Ca_Kabuli_NW_004516235.1_51703	Ca_kabuli_scaffold	51703	[C/G]	1067304953
Ca_Kabuli_NW_004516235.1_52687	Ca_kabuli_scaffold	52687	[C/A]	1067304954
Ca_Kabuli_NW_004516235.1_52688	Ca_kabuli_scaffold	52688	[T/G]	1067304955
Ca_Kabuli_NW_004516235.1_52689	Ca_kabuli_scaffold	52689	[T/A]	1067304956
Ca_Kabuli_NW_004516235.1_52707	Ca_kabuli_scaffold	52707	[A/G]	1067304957
Ca_Kabuli_NW_004516235.1_62660	Ca_kabuli_scaffold	62660	[C/T]	1067304958
Ca_Kabuli_NW_004516240.1_23282	Ca_kabuli_scaffold	23282	[A/C]	1067304959
Ca_Kabuli_NW_004516240.1_358416	Ca_kabuli_scaffold	358416	[T/C]	1067304960
Ca_Kabuli_NW_004516240.1_358430	Ca_kabuli_scaffold	358430	[T/C]	1067304961
Ca_Kabuli_NW_004516243.1_62868	Ca_kabuli_scaffold	62868	[A/G]	1067304962
Ca_Kabuli_NW_004516243.1_69495	Ca_kabuli_scaffold	69495	[G/T]	1067304963
Ca_Kabuli_NW_004516243.1_114062	Ca_kabuli_scaffold	114062	[A/G]	1067304964
Ca_Kabuli_NW_004516244.1_26108	Ca_kabuli_scaffold	26108	[G/T]	1067304965
Ca_Kabuli_NW_004516244.1_26113	Ca_kabuli_scaffold	26113	[C/T]	1067304966
Ca_Kabuli_NW_004516244.1_26121	Ca_kabuli_scaffold	26121	[A/C]	1067304967
Ca_Kabuli_NW_004516244.1_26134	Ca_kabuli_scaffold	26134	[C/A]	1067304968
Ca_Kabuli_NW_004516244.1_52694	Ca_kabuli_scaffold	52694	[A/G]	1067304969
Ca_Kabuli_NW_004516244.1_52725	Ca_kabuli_scaffold	52725	[T/C]	1067304970
Ca_Kabuli_NW_004516244.1_52740	Ca_kabuli_scaffold	52740	[T/C]	1067304971
Ca_Kabuli_NW_004516244.1_138204	Ca_kabuli_scaffold	138204	[T/G]	1067304972
Ca_Kabuli_NW_004516244.1_144885	Ca_kabuli_scaffold	144885	[C/T]	1067304973
Ca_Kabuli_NW_004516244.1_161061	Ca_kabuli_scaffold	161061	[T/C]	1067304974
Ca_Kabuli_NW_004516251.1_18559	Ca_kabuli_scaffold	18559	[T/A]	1067304975
Ca_Kabuli_NW_004516251.1_40849	Ca_kabuli_scaffold	40849	[A/C]	1067304976
Ca_Kabuli_NW_004516257.1_15425	Ca_kabuli_scaffold	15425	[A/G]	1067304977
Ca_Kabuli_NW_004516257.1_15429	Ca_kabuli_scaffold	15429	[C/T]	1067304978
Ca_Kabuli_NW_004516264.1_11776	Ca_kabuli_scaffold	11776	[C/T]	1067304979
Ca_Kabuli_NW_004516264.1_11787	Ca_kabuli_scaffold	11787	[G/A]	1067304980
Ca_Kabuli_NW_004516264.1_11819	Ca_kabuli_scaffold	11819	[C/T]	1067304981
Ca_Kabuli_NW_004516265.1_165122	Ca_kabuli_scaffold	165122	[T/C]	1067304982
Ca_Kabuli_NW_004516266.1_81377	Ca_kabuli_scaffold	81377	[A/G]	1067304983
Ca_Kabuli_NW_004516267.1_192902	Ca_kabuli_scaffold	192902	[T/G]	1067304984

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516267.1_205028	Ca_kabuli_scaffold	205028	[T/C]	1067304985
Ca_Kabuli_NW_004516267.1_205033	Ca_kabuli_scaffold	205033	[T/G]	1067304986
Ca_Kabuli_NW_004516267.1_205958	Ca_kabuli_scaffold	205958	[T/A]	1067304987
Ca_Kabuli_NW_004516267.1_206008	Ca_kabuli_scaffold	206008	[A/T]	1067304988
Ca_Kabuli_NW_004516267.1_206040	Ca_kabuli_scaffold	206040	[A/G]	1067304989
Ca_Kabuli_NW_004516267.1_206058	Ca_kabuli_scaffold	206058	[A/G]	1067304990
Ca_Kabuli_NW_004516267.1_206060	Ca_kabuli_scaffold	206060	[T/G]	1067304991
Ca_Kabuli_NW_004516267.1_275489	Ca_kabuli_scaffold	275489	[G/T]	1067304992
Ca_Kabuli_NW_004516267.1_275493	Ca_kabuli_scaffold	275493	[A/T]	1067304993
Ca_Kabuli_NW_004516267.1_295864	Ca_kabuli_scaffold	295864	[G/T]	1067304994
Ca_Kabuli_NW_004516267.1_453871	Ca_kabuli_scaffold	453871	[T/C]	1067304995
Ca_Kabuli_NW_004516267.1_466233	Ca_kabuli_scaffold	466233	[A/G]	1067304996
Ca_Kabuli_NW_004516267.1_466262	Ca_kabuli_scaffold	466262	[A/T]	1067304997
Ca_Kabuli_NW_004516267.1_466354	Ca_kabuli_scaffold	466354	[A/G]	1067304998
Ca_Kabuli_NW_004516267.1_471762	Ca_kabuli_scaffold	471762	[A/C]	1067304999
Ca_Kabuli_NW_004516267.1_471801	Ca_kabuli_scaffold	471801	[C/G]	1067305000
Ca_Kabuli_NW_004516267.1_471808	Ca_kabuli_scaffold	471808	[A/T]	1067305001
Ca_Kabuli_NW_004516270.1_317391	Ca_kabuli_scaffold	317391	[G/A]	1067305002
Ca_Kabuli_NW_004516270.1_456454	Ca_kabuli_scaffold	456454	[G/A]	1067305003
Ca_Kabuli_NW_004516277.1_235785	Ca_kabuli_scaffold	235785	[A/G]	1067305004
Ca_Kabuli_NW_004516280.1_129166	Ca_kabuli_scaffold	129166	[T/C]	1067305005
Ca_Kabuli_NW_004516280.1_134737	Ca_kabuli_scaffold	134737	[A/C]	1067305006
Ca_Kabuli_NW_004516284.1_212420	Ca_kabuli_scaffold	212420	[A/C]	1067305007
Ca_Kabuli_NW_004516284.1_212423	Ca_kabuli_scaffold	212423	[A/C]	1067305008
Ca_Kabuli_NW_004516288.1_21076	Ca_kabuli_scaffold	21076	[T/C]	1067305009
Ca_Kabuli_NW_004516288.1_21087	Ca_kabuli_scaffold	21087	[T/G]	1067305010
Ca_Kabuli_NW_004516293.1_42329	Ca_kabuli_scaffold	42329	[T/C]	1067305011
Ca_Kabuli_NW_004516296.1_20765	Ca_kabuli_scaffold	20765	[G/T]	1067305012
Ca_Kabuli_NW_004516296.1_21718	Ca_kabuli_scaffold	21718	[T/C]	1067305013
Ca_Kabuli_NW_004516296.1_21742	Ca_kabuli_scaffold	21742	[A/T]	1067305014
Ca_Kabuli_NW_004516296.1_21951	Ca_kabuli_scaffold	21951	[T/G]	1067305015
Ca_Kabuli_NW_004516296.1_22585	Ca_kabuli_scaffold	22585	[T/G]	1067305016
Ca_Kabuli_NW_004516296.1_22590	Ca_kabuli_scaffold	22590	[T/G]	1067305017
Ca_Kabuli_NW_004516296.1_22732	Ca_kabuli_scaffold	22732	[G/T]	1067305018

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NW_004516296.1_23646	Ca_kabuli_scaffold	23646	[A/G]	1067305020
Ca_Kabuli_NW_004516296.1_28461	Ca_kabuli_scaffold	28461	[C/T]	1067305021
Ca_Kabuli_NW_004516300.1_97230	Ca_kabuli_scaffold	97230	[A/C]	1067305022
Ca_Kabuli_NW_004516300.1_97243	Ca_kabuli_scaffold	97243	[A/T]	1067305023
Ca_Kabuli_NW_004516300.1_97290	Ca_kabuli_scaffold	97290	[T/G]	1067305024
Ca_Kabuli_NW_004516300.1_97310	Ca_kabuli_scaffold	97310	[A/C]	1067305025
Ca_Kabuli_NW_004516300.1_97323	Ca_kabuli_scaffold	97323	[A/G]	1067305026
Ca_Kabuli_NW_004516300.1_98645	Ca_kabuli_scaffold	98645	[C/T]	1067305027
Ca_Kabuli_NW_004516300.1_106864	Ca_kabuli_scaffold	106864	[T/G]	1067305028
Ca_Kabuli_NW_004516300.1_106865	Ca_kabuli_scaffold	106865	[G/T]	1067305029
Ca_Kabuli_NW_004516300.1_106866	Ca_kabuli_scaffold	106866	[G/C]	1067305030
Ca_Kabuli_NW_004516300.1_106867	Ca_kabuli_scaffold	106867	[C/T]	1067305031
Ca_Kabuli_NW_004516300.1_106868	Ca_kabuli_scaffold	106868	[C/T]	1067305032
Ca_Kabuli_NW_004516302.1_77084	Ca_kabuli_scaffold	77084	[T/G]	1067305033
Ca_Kabuli_NW_004516309.1_18523	Ca_kabuli_scaffold	18523	[C/G]	1067305034
Ca_Kabuli_NW_004516312.1_3364	Ca_kabuli_scaffold	3364	[G/T]	1067305035
Ca_Kabuli_NW_004516312.1_3397	Ca_kabuli_scaffold	3397	[G/A]	1067305036
Ca_Kabuli_NW_004516316.1_165968	Ca_kabuli_scaffold	165968	[T/C]	1067305037
Ca_Kabuli_NW_004516316.1_165974	Ca_kabuli_scaffold	165974	[T/C]	1067305038
Ca_Kabuli_NW_004516316.1_224151	Ca_kabuli_scaffold	224151	[A/C]	1067305039
Ca_Kabuli_NW_004516330.1_169260	Ca_kabuli_scaffold	169260	[T/C]	1067305040
Ca_Kabuli_NW_004516330.1_235258	Ca_kabuli_scaffold	235258	[T/G]	1067305041
Ca_Kabuli_NW_004516330.1_436930	Ca_kabuli_scaffold	436930	[A/C]	1067305042
Ca_Kabuli_NW_004516330.1_491166	Ca_kabuli_scaffold	491166	[T/C]	1067305043
Ca_Kabuli_NW_004516330.1_491172	Ca_kabuli_scaffold	491172	[T/G]	1067305044
Ca_Kabuli_NW_004516330.1_491190	Ca_kabuli_scaffold	491190	[A/C]	1067305045
Ca_Kabuli_NW_004516330.1_491204	Ca_kabuli_scaffold	491204	[C/G]	1067305046
Ca_Kabuli_NW_004516330.1_492368	Ca_kabuli_scaffold	492368	[T/C]	1067305047
Ca_Kabuli_NW_004516330.1_492384	Ca_kabuli_scaffold	492384	[A/G]	1067305048
Ca_Kabuli_NW_004516330.1_492398	Ca_kabuli_scaffold	492398	[A/C]	1067305049
Ca_Kabuli_NW_004516330.1_497212	Ca_kabuli_scaffold	497212	[T/C]	1067305050
Ca_Kabuli_NW_004516330.1_497269	Ca_kabuli_scaffold	497269	[A/C]	1067305051
Ca_Kabuli_NW_004516330.1_642807	Ca_kabuli_scaffold	642807	[T/C]	1067305052

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NW_004516330.1_642859	Ca_kabuli_scaffold	642859	[A/C]	1067305054
Ca_Kabuli_NW_004516330.1_644893	Ca_kabuli_scaffold	644893	[A/C]	1067305055
Ca_Kabuli_NW_004516344.1_251996	Ca_kabuli_scaffold	251996	[A/G]	1067305056
Ca_Kabuli_NW_004516344.1_251998	Ca_kabuli_scaffold	251998	[A/G]	1067305057
Ca_Kabuli_NW_004516344.1_252044	Ca_kabuli_scaffold	252044	[A/C]	1067305058
Ca_Kabuli_NW_004516344.1_252629	Ca_kabuli_scaffold	252629	[T/G]	1067305059
Ca_Kabuli_NW_004516344.1_252652	Ca_kabuli_scaffold	252652	[A/G]	1067305060
Ca_Kabuli_NW_004516344.1_252659	Ca_kabuli_scaffold	252659	[T/G]	1067305061
Ca_Kabuli_NW_004516344.1_254068	Ca_kabuli_scaffold	254068	[A/G]	1067305062
Ca_Kabuli_NW_004516344.1_254074	Ca_kabuli_scaffold	254074	[A/C]	1067305063
Ca_Kabuli_NW_004516344.1_254096	Ca_kabuli_scaffold	254096	[A/G]	1067305064
Ca_Kabuli_NW_004516344.1_256575	Ca_kabuli_scaffold	256575	[C/A]	1067305065
Ca_Kabuli_NW_004516344.1_256577	Ca_kabuli_scaffold	256577	[G/A]	1067305066
Ca_Kabuli_NW_004516344.1_256589	Ca_kabuli_scaffold	256589	[C/T]	1067305067
Ca_Kabuli_NW_004516354.1_16355	Ca_kabuli_scaffold	16355	[T/A]	1067305068
Ca_Kabuli_NW_004516354.1_90013	Ca_kabuli_scaffold	90013	[G/T]	1067305069
Ca_Kabuli_NW_004516358.1_51557	Ca_kabuli_scaffold	51557	[T/A]	1067305070
Ca_Kabuli_NW_004516358.1_51573	Ca_kabuli_scaffold	51573	[T/A]	1067305071
Ca_Kabuli_NW_004516358.1_89948	Ca_kabuli_scaffold	89948	[T/G]	1067305072
Ca_Kabuli_NW_004516358.1_92991	Ca_kabuli_scaffold	92991	[A/C]	1067305073
Ca_Kabuli_NW_004516358.1_113321	Ca_kabuli_scaffold	113321	[T/G]	1067305074
Ca_Kabuli_NW_004516358.1_303408	Ca_kabuli_scaffold	303408	[A/G]	1067305075
Ca_Kabuli_NW_004516358.1_303409	Ca_kabuli_scaffold	303409	[C/T]	1067305076
Ca_Kabuli_NW_004516358.1_303410	Ca_kabuli_scaffold	303410	[C/A]	1067305077
Ca_Kabuli_NW_004516358.1_342717	Ca_kabuli_scaffold	342717	[C/G]	1067305078
Ca_Kabuli_NW_004516358.1_342718	Ca_kabuli_scaffold	342718	[T/A]	1067305079
Ca_Kabuli_NW_004516358.1_406705	Ca_kabuli_scaffold	406705	[C/A]	1067305080
Ca_Kabuli_NW_004516358.1_406706	Ca_kabuli_scaffold	406706	[T/G]	1067305081
Ca_Kabuli_NW_004516358.1_430362	Ca_kabuli_scaffold	430362	[A/C]	1067305082
Ca_Kabuli_NW_004516358.1_430408	Ca_kabuli_scaffold	430408	[A/G]	1067305083
Ca_Kabuli_NW_004516358.1_430426	Ca_kabuli_scaffold	430426	[A/G]	1067305084
Ca_Kabuli_NW_004516358.1_430431	Ca_kabuli_scaffold	430431	[T/G]	1067305085
Ca_Kabuli_NW_004516358.1_439402	Ca_kabuli_scaffold	439402	[T/A]	1067305086



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516358.1_457913	Ca_kabuli_scaffold	457913	[A/C]	1067305087
Ca_Kabuli_NW_004516358.1_577902	Ca_kabuli_scaffold	577902	[T/G]	1067305088
Ca_Kabuli_NW_004516360.1_70241	Ca_kabuli_scaffold	70241	[T/A]	1067305089
Ca_Kabuli_NW_004516361.1_128669	Ca_kabuli_scaffold	128669	[T/G]	1067305090
Ca_Kabuli_NW_004516363.1_131866	Ca_kabuli_scaffold	131866	[C/T]	1067305091
Ca_Kabuli_NW_004516365.1_318328	Ca_kabuli_scaffold	318328	[C/A]	1067305092
Ca_Kabuli_NW_004516366.1_173366	Ca_kabuli_scaffold	173366	[A/T]	1067305093
Ca_Kabuli_NW_004516366.1_174360	Ca_kabuli_scaffold	174360	[A/G]	1067305094
Ca_Kabuli_NW_004516370.1_141233	Ca_kabuli_scaffold	141233	[C/T]	1067305095
Ca_Kabuli_NW_004516370.1_141254	Ca_kabuli_scaffold	141254	[A/G]	1067305096
Ca_Kabuli_NW_004516371.1_63620	Ca_kabuli_scaffold	63620	[C/T]	1067305097
Ca_Kabuli_NW_004516371.1_63662	Ca_kabuli_scaffold	63662	[T/G]	1067305098
Ca_Kabuli_NW_004516371.1_63669	Ca_kabuli_scaffold	63669	[C/T]	1067305099
Ca_Kabuli_NW_004516371.1_63671	Ca_kabuli_scaffold	63671	[C/T]	1067305100
Ca_Kabuli_NW_004516371.1_63703	Ca_kabuli_scaffold	63703	[T/C]	1067305101
Ca_Kabuli_NW_004516373.1_142671	Ca_kabuli_scaffold	142671	[T/G]	1067305102
Ca_Kabuli_NW_004516373.1_144885	Ca_kabuli_scaffold	144885	[C/A]	1067305103
Ca_Kabuli_NW_004516373.1_147299	Ca_kabuli_scaffold	147299	[T/G]	1067305104
Ca_Kabuli_NW_004516373.1_147319	Ca_kabuli_scaffold	147319	[T/G]	1067305105
Ca_Kabuli_NW_004516373.1_147324	Ca_kabuli_scaffold	147324	[A/C]	1067305106
Ca_Kabuli_NW_004516373.1_148636	Ca_kabuli_scaffold	148636	[A/C]	1067305107
Ca_Kabuli_NW_004516373.1_148947	Ca_kabuli_scaffold	148947	[G/T]	1067305108
Ca_Kabuli_NW_004516373.1_152195	Ca_kabuli_scaffold	152195	[T/C]	1067305109
Ca_Kabuli_NW_004516373.1_152233	Ca_kabuli_scaffold	152233	[A/G]	1067305110
Ca_Kabuli_NW_004516373.1_152265	Ca_kabuli_scaffold	152265	[T/C]	1067305111
Ca_Kabuli_NW_004516373.1_152307	Ca_kabuli_scaffold	152307	[T/A]	1067305112
Ca_Kabuli_NW_004516375.1_70680	Ca_kabuli_scaffold	70680	[T/C]	1067305113
Ca_Kabuli_NW_004516375.1_70714	Ca_kabuli_scaffold	70714	[A/G]	1067305114
Ca_Kabuli_NW_004516375.1_70731	Ca_kabuli_scaffold	70731	[T/C]	1067305115
Ca_Kabuli_NW_004516375.1_214087	Ca_kabuli_scaffold	214087	[T/G]	1067305116
Ca_Kabuli_NW_004516375.1_214191	Ca_kabuli_scaffold	214191	[T/G]	1067305117
Ca_Kabuli_NW_004516375.1_214208	Ca_kabuli_scaffold	214208	[A/G]	1067305118
Ca_Kabuli_NW_004516375.1_214283	Ca_kabuli_scaffold	214283	[A/G]	1067305119
Ca_Kabuli_NW_004516375.1_221952	Ca_kabuli_scaffold	221952	[C/A]	1067305120

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516375.1_221984	Ca_kabuli_scaffold	221984	[A/C]	1067305121
Ca_Kabuli_NW_004516375.1_222535	Ca_kabuli_scaffold	222535	[A/C]	1067305122
Ca_Kabuli_NW_004516375.1_240787	Ca_kabuli_scaffold	240787	[A/G]	1067305123
Ca_Kabuli_NW_004516375.1_240798	Ca_kabuli_scaffold	240798	[T/C]	1067305124
Ca_Kabuli_NW_004516375.1_270720	Ca_kabuli_scaffold	270720	[T/A]	1067305125
Ca_Kabuli_NW_004516375.1_270749	Ca_kabuli_scaffold	270749	[T/C]	1067305126
Ca_Kabuli_NW_004516391.1_11099	Ca_kabuli_scaffold	11099	[C/A]	1067305127
Ca_Kabuli_NW_004516391.1_11108	Ca_kabuli_scaffold	11108	[C/A]	1067305128
Ca_Kabuli_NW_004516391.1_11115	Ca_kabuli_scaffold	11115	[G/T]	1067305129
Ca_Kabuli_NW_004516391.1_11144	Ca_kabuli_scaffold	11144	[T/A]	1067305130
Ca_Kabuli_NW_004516391.1_33746	Ca_kabuli_scaffold	33746	[A/T]	1067305131
Ca_Kabuli_NW_004516398.1_1650	Ca_kabuli_scaffold	1650	[A/G]	1067305132
Ca_Kabuli_NW_004516399.1_6852	Ca_kabuli_scaffold	6852	[C/T]	1067305133
Ca_Kabuli_NW_004516402.1_58074	Ca_kabuli_scaffold	58074	[T/C]	1067305134
Ca_Kabuli_NW_004516409.1_6197	Ca_kabuli_scaffold	6197	[T/C]	1067305135
Ca_Kabuli_NW_004516409.1_6199	Ca_kabuli_scaffold	6199	[A/G]	1067305136
Ca_Kabuli_NW_004516409.1_6208	Ca_kabuli_scaffold	6208	[T/G]	1067305137
Ca_Kabuli_NW_004516409.1_6211	Ca_kabuli_scaffold	6211	[T/G]	1067305138
Ca_Kabuli_NW_004516409.1_6229	Ca_kabuli_scaffold	6229	[A/C]	1067305139
Ca_Kabuli_NW_004516409.1_6271	Ca_kabuli_scaffold	6271	[A/G]	1067305140
Ca_Kabuli_NW_004516409.1_87275	Ca_kabuli_scaffold	87275	[G/A]	1067305141
Ca_Kabuli_NW_004516409.1_99910	Ca_kabuli_scaffold	99910	[A/C]	1067305142
Ca_Kabuli_NW_004516409.1_100684	Ca_kabuli_scaffold	100684	[T/C]	1067305143
Ca_Kabuli_NW_004516411.1_7624	Ca_kabuli_scaffold	7624	[T/C]	1067305144
Ca_Kabuli_NW_004516417.1_341416	Ca_kabuli_scaffold	341416	[T/A]	1067305145
Ca_Kabuli_NW_004516417.1_360480	Ca_kabuli_scaffold	360480	[T/A]	1067305146
Ca_Kabuli_NW_004516417.1_360483	Ca_kabuli_scaffold	360483	[T/C]	1067305147
Ca_Kabuli_NW_004516417.1_360521	Ca_kabuli_scaffold	360521	[T/C]	1067305148
Ca_Kabuli_NW_004516417.1_360532	Ca_kabuli_scaffold	360532	[A/T]	1067305149
Ca_Kabuli_NW_004516417.1_360585	Ca_kabuli_scaffold	360585	[A/G]	1067305150
Ca_Kabuli_NW_004516417.1_374016	Ca_kabuli_scaffold	374016	[A/T]	1067305151
Ca_Kabuli_NW_004516417.1_374058	Ca_kabuli_scaffold	374058	[A/C]	1067305152
Ca_Kabuli_NW_004516417.1_374099	Ca_kabuli_scaffold	374099	[T/C]	1067305153
Ca_Kabuli_NW_004516417.1_374105	Ca_kabuli_scaffold	374105	[A/G]	1067305154

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516422.1_4502	Ca_kabuli_scaffold	4502	[A/T]	1067305155
Ca_Kabuli_NW_004516423.1_55085	Ca_kabuli_scaffold	55085	[A/G]	1067305156
Ca_Kabuli_NW_004516435.1_128537	Ca_kabuli_scaffold	128537	[T/A]	1067305157
Ca_Kabuli_NW_004516455.1_52161	Ca_kabuli_scaffold	52161	[C/A]	1067305158
Ca_Kabuli_NW_004516455.1_96321	Ca_kabuli_scaffold	96321	[T/A]	1067305159
Ca_Kabuli_NW_004516455.1_96322	Ca_kabuli_scaffold	96322	[C/T]	1067305160
Ca_Kabuli_NW_004516455.1_96323	Ca_kabuli_scaffold	96323	[G/C]	1067305161
Ca_Kabuli_NW_004516455.1_96324	Ca_kabuli_scaffold	96324	[G/T]	1067305162
Ca_Kabuli_NW_004516455.1_178179	Ca_kabuli_scaffold	178179	[T/A]	1067305163
Ca_Kabuli_NW_004516455.1_178248	Ca_kabuli_scaffold	178248	[A/G]	1067305164
Ca_Kabuli_NW_004516455.1_324304	Ca_kabuli_scaffold	324304	[G/A]	1067305165
Ca_Kabuli_NW_004516455.1_330789	Ca_kabuli_scaffold	330789	[A/T]	1067305166
Ca_Kabuli_NW_004516455.1_330827	Ca_kabuli_scaffold	330827	[A/T]	1067305167
Ca_Kabuli_NW_004516459.1_32523	Ca_kabuli_scaffold	32523	[T/A]	1067305168
Ca_Kabuli_NW_004516459.1_32535	Ca_kabuli_scaffold	32535	[T/A]	1067305169
Ca_Kabuli_NW_004516459.1_32769	Ca_kabuli_scaffold	32769	[T/C]	1067305170
Ca_Kabuli_NW_004516459.1_33582	Ca_kabuli_scaffold	33582	[T/A]	1067305171
Ca_Kabuli_NW_004516461.1_5322	Ca_kabuli_scaffold	5322	[C/T]	1067305172
Ca_Kabuli_NW_004516463.1_1014	Ca_kabuli_scaffold	1014	[A/C]	1067305173
Ca_Kabuli_NW_004516471.1_70503	Ca_kabuli_scaffold	70503	[C/A]	1067305174
Ca_Kabuli_NW_004516471.1_70506	Ca_kabuli_scaffold	70506	[G/A]	1067305175
Ca_Kabuli_NW_004516471.1_70526	Ca_kabuli_scaffold	70526	[T/C]	1067305176
Ca_Kabuli_NW_004516471.1_70535	Ca_kabuli_scaffold	70535	[G/A]	1067305177
Ca_Kabuli_NW_004516471.1_70544	Ca_kabuli_scaffold	70544	[T/A]	1067305178
Ca_Kabuli_NW_004516471.1_70549	Ca_kabuli_scaffold	70549	[G/A]	1067305179
Ca_Kabuli_NW_004516472.1_453069	Ca_kabuli_scaffold	453069	[A/C]	1067305180
Ca_Kabuli_NW_004516474.1_46904	Ca_kabuli_scaffold	46904	[T/C]	1067305181
Ca_Kabuli_NW_004516474.1_46923	Ca_kabuli_scaffold	46923	[A/C]	1067305182
Ca_Kabuli_NW_004516474.1_86949	Ca_kabuli_scaffold	86949	[T/C]	1067305183
Ca_Kabuli_NW_004516474.1_86981	Ca_kabuli_scaffold	86981	[G/A]	1067305184
Ca_Kabuli_NW_004516474.1_87137	Ca_kabuli_scaffold	87137	[G/T]	1067305185
Ca_Kabuli_NW_004516483.1_85047	Ca_kabuli_scaffold	85047	[T/C]	1067305186
Ca_Kabuli_NW_004516483.1_89990	Ca_kabuli_scaffold	89990	[T/C]	1067305187
Ca_Kabuli_NW_004516483.1_90027	Ca_kabuli_scaffold	90027	[A/G]	1067305188

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516485.1_7846	Ca_kabuli_scaffold	7846	[A/C]	1067305189
Ca_Kabuli_NW_004516514.1_71597	Ca_kabuli_scaffold	71597	[A/T]	1067305190
Ca_Kabuli_NW_004516514.1_71620	Ca_kabuli_scaffold	71620	[T/A]	1067305191
Ca_Kabuli_NW_004516514.1_75766	Ca_kabuli_scaffold	75766	[T/A]	1067305192
Ca_Kabuli_NW_004516514.1_75785	Ca_kabuli_scaffold	75785	[A/G]	1067305193
Ca_Kabuli_NW_004516521.1_62751	Ca_kabuli_scaffold	62751	[C/T]	1067305194
Ca_Kabuli_NW_004516521.1_62775	Ca_kabuli_scaffold	62775	[T/C]	1067305195
Ca_Kabuli_NW_004516521.1_62778	Ca_kabuli_scaffold	62778	[T/A]	1067305196
Ca_Kabuli_NW_004516521.1_133056	Ca_kabuli_scaffold	133056	[A/G]	1067305197
Ca_Kabuli_NW_004516521.1_133107	Ca_kabuli_scaffold	133107	[C/T]	1067305198
Ca_Kabuli_NW_004516525.1_615	Ca_kabuli_scaffold	615	[A/T]	1067305199
Ca_Kabuli_NW_004516525.1_618	Ca_kabuli_scaffold	618	[G/A]	1067305200
Ca_Kabuli_NW_004516525.1_623	Ca_kabuli_scaffold	623	[T/C]	1067305201
Ca_Kabuli_NW_004516526.1_63185	Ca_kabuli_scaffold	63185	[G/A]	1067305202
Ca_Kabuli_NW_004516526.1_63237	Ca_kabuli_scaffold	63237	[T/C]	1067305203
Ca_Kabuli_NW_004516528.1_55699	Ca_kabuli_scaffold	55699	[A/C]	1067305204
Ca_Kabuli_NW_004516528.1_211511	Ca_kabuli_scaffold	211511	[T/C]	1067305205
Ca_Kabuli_NW_004516528.1_211512	Ca_kabuli_scaffold	211512	[G/T]	1067305206
Ca_Kabuli_NW_004516528.1_211548	Ca_kabuli_scaffold	211548	[A/C]	1067305207
Ca_Kabuli_NW_004516528.1_244118	Ca_kabuli_scaffold	244118	[T/C]	1067305208
Ca_Kabuli_NW_004516528.1_315994	Ca_kabuli_scaffold	315994	[A/C]	1067305209
Ca_Kabuli_NW_004516528.1_316037	Ca_kabuli_scaffold	316037	[G/A]	1067305210
Ca_Kabuli_NW_004516528.1_398892	Ca_kabuli_scaffold	398892	[T/C]	1067305211
Ca_Kabuli_NW_004516528.1_398950	Ca_kabuli_scaffold	398950	[A/G]	1067305212
Ca_Kabuli_NW_004516528.1_398960	Ca_kabuli_scaffold	398960	[A/G]	1067305213
Ca_Kabuli_NW_004516528.1_404196	Ca_kabuli_scaffold	404196	[G/A]	1067305214
Ca_Kabuli_NW_004516528.1_408211	Ca_kabuli_scaffold	408211	[A/C]	1067305215
Ca_Kabuli_NW_004516528.1_409760	Ca_kabuli_scaffold	409760	[C/A]	1067305216
Ca_Kabuli_NW_004516528.1_409761	Ca_kabuli_scaffold	409761	[A/G]	1067305217
Ca_Kabuli_NW_004516528.1_409762	Ca_kabuli_scaffold	409762	[T/A]	1067305218
Ca_Kabuli_NW_004516528.1_409763	Ca_kabuli_scaffold	409763	[C/T]	1067305219
Ca_Kabuli_NW_004516528.1_463286	Ca_kabuli_scaffold	463286	[C/T]	1067305220
Ca_Kabuli_NW_004516530.1_68225	Ca_kabuli_scaffold	68225	[T/A]	1067305221
Ca_Kabuli_NW_004516530.1_192108	Ca_kabuli_scaffold	192108	[A/C]	1067305222

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516530.1_294949	Ca_kabuli_scaffold	294949	[T/A]	1067305223
Ca_Kabuli_NW_004516539.1_45813	Ca_kabuli_scaffold	45813	[G/C]	1067305224
Ca_Kabuli_NW_004516539.1_45814	Ca_kabuli_scaffold	45814	[G/T]	1067305225
Ca_Kabuli_NW_004516539.1_86925	Ca_kabuli_scaffold	86925	[T/G]	1067305226
Ca_Kabuli_NW_004516539.1_86939	Ca_kabuli_scaffold	86939	[A/C]	1067305227
Ca_Kabuli_NW_004516539.1_152304	Ca_kabuli_scaffold	152304	[T/G]	1067305228
Ca_Kabuli_NW_004516539.1_157317	Ca_kabuli_scaffold	157317	[T/G]	1067305229
Ca_Kabuli_NW_004516539.1_158551	Ca_kabuli_scaffold	158551	[A/G]	1067305230
Ca_Kabuli_NW_004516539.1_188401	Ca_kabuli_scaffold	188401	[A/C]	1067305231
Ca_Kabuli_NW_004516539.1_188407	Ca_kabuli_scaffold	188407	[A/C]	1067305232
Ca_Kabuli_NW_004516539.1_253742	Ca_kabuli_scaffold	253742	[A/C]	1067305233
Ca_Kabuli_NW_004516551.1_115808	Ca_kabuli_scaffold	115808	[C/T]	1067305234
Ca_Kabuli_NW_004516559.1_7296	Ca_kabuli_scaffold	7296	[A/T]	1067305235
Ca_Kabuli_NW_004516559.1_7306	Ca_kabuli_scaffold	7306	[G/A]	1067305236
Ca_Kabuli_NW_004516559.1_138230	Ca_kabuli_scaffold	138230	[A/G]	1067305237
Ca_Kabuli_NW_004516559.1_138304	Ca_kabuli_scaffold	138304	[C/A]	1067305238
Ca_Kabuli_NW_004516559.1_138407	Ca_kabuli_scaffold	138407	[T/C]	1067305239
Ca_Kabuli_NW_004516559.1_138411	Ca_kabuli_scaffold	138411	[G/T]	1067305240
Ca_Kabuli_NW_004516559.1_228328	Ca_kabuli_scaffold	228328	[G/T]	1067305241
Ca_Kabuli_NW_004516559.1_228459	Ca_kabuli_scaffold	228459	[T/A]	1067305242
Ca_Kabuli_NW_004516559.1_228679	Ca_kabuli_scaffold	228679	[G/A]	1067305243
Ca_Kabuli_NW_004516559.1_228753	Ca_kabuli_scaffold	228753	[A/C]	1067305244
Ca_Kabuli_NW_004516559.1_241569	Ca_kabuli_scaffold	241569	[C/T]	1067305245
Ca_Kabuli_NW_004516559.1_648030	Ca_kabuli_scaffold	648030	[A/C]	1067305246
Ca_Kabuli_NW_004516559.1_648031	Ca_kabuli_scaffold	648031	[G/T]	1067305247
Ca_Kabuli_NW_004516564.1_32927	Ca_kabuli_scaffold	32927	[A/C]	1067305248
Ca_Kabuli_NW_004516564.1_32941	Ca_kabuli_scaffold	32941	[A/T]	1067305249
Ca_Kabuli_NW_004516564.1_32967	Ca_kabuli_scaffold	32967	[T/G]	1067305250
Ca_Kabuli_NW_004516575.1_151274	Ca_kabuli_scaffold	151274	[A/C]	1067305251
Ca_Kabuli_NW_004516575.1_212085	Ca_kabuli_scaffold	212085	[T/G]	1067305252
Ca_Kabuli_NW_004516575.1_216064	Ca_kabuli_scaffold	216064	[A/C]	1067305253
Ca_Kabuli_NW_004516575.1_261512	Ca_kabuli_scaffold	261512	[A/C]	1067305254
Ca_Kabuli_NW_004516575.1_290943	Ca_kabuli_scaffold	290943	[A/G]	1067305255
Ca_Kabuli_NW_004516575.1_300406	Ca_kabuli_scaffold	300406	[A/T]	1067305256

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516575.1_300449	Ca_kabuli_scaffold	300449	[A/G]	1067305257
Ca_Kabuli_NW_004516575.1_300459	Ca_kabuli_scaffold	300459	[T/A]	1067305258
Ca_Kabuli_NW_004516575.1_322151	Ca_kabuli_scaffold	322151	[A/T]	1067305259
Ca_Kabuli_NW_004516575.1_373027	Ca_kabuli_scaffold	373027	[A/G]	1067305260
Ca_Kabuli_NW_004516575.1_373032	Ca_kabuli_scaffold	373032	[A/T]	1067305261
Ca_Kabuli_NW_004516575.1_373091	Ca_kabuli_scaffold	373091	[A/G]	1067305262
Ca_Kabuli_NW_004516575.1_451962	Ca_kabuli_scaffold	451962	[T/G]	1067305263
Ca_Kabuli_NW_004516575.1_451964	Ca_kabuli_scaffold	451964	[A/C]	1067305264
Ca_Kabuli_NW_004516575.1_451968	Ca_kabuli_scaffold	451968	[A/C]	1067305265
Ca_Kabuli_NW_004516575.1_451971	Ca_kabuli_scaffold	451971	[A/G]	1067305266
Ca_Kabuli_NW_004516575.1_451981	Ca_kabuli_scaffold	451981	[A/C]	1067305267
Ca_Kabuli_NW_004516575.1_451989	Ca_kabuli_scaffold	451989	[A/G]	1067305268
Ca_Kabuli_NW_004516575.1_471152	Ca_kabuli_scaffold	471152	[A/C]	1067305269
Ca_Kabuli_NW_004516575.1_499216	Ca_kabuli_scaffold	499216	[T/C]	1067305270
Ca_Kabuli_NW_004516575.1_499225	Ca_kabuli_scaffold	499225	[A/T]	1067305271
Ca_Kabuli_NW_004516575.1_499843	Ca_kabuli_scaffold	499843	[A/G]	1067305272
Ca_Kabuli_NW_004516575.1_500601	Ca_kabuli_scaffold	500601	[T/C]	1067305273
Ca_Kabuli_NW_004516575.1_500640	Ca_kabuli_scaffold	500640	[T/A]	1067305274
Ca_Kabuli_NW_004516575.1_506478	Ca_kabuli_scaffold	506478	[T/G]	1067305275
Ca_Kabuli_NW_004516575.1_533198	Ca_kabuli_scaffold	533198	[A/G]	1067305276
Ca_Kabuli_NW_004516575.1_679013	Ca_kabuli_scaffold	679013	[A/G]	1067305277
Ca_Kabuli_NW_004516575.1_679022	Ca_kabuli_scaffold	679022	[T/C]	1067305278
Ca_Kabuli_NW_004516575.1_679037	Ca_kabuli_scaffold	679037	[T/C]	1067305279
Ca_Kabuli_NW_004516575.1_709177	Ca_kabuli_scaffold	709177	[T/C]	1067305280
Ca_Kabuli_NW_004516575.1_709191	Ca_kabuli_scaffold	709191	[T/A]	1067305281
Ca_Kabuli_NW_004516575.1_730109	Ca_kabuli_scaffold	730109	[T/G]	1067305282
Ca_Kabuli_NW_004516575.1_730126	Ca_kabuli_scaffold	730126	[A/C]	1067305283
Ca_Kabuli_NW_004516575.1_730137	Ca_kabuli_scaffold	730137	[A/T]	1067305284
Ca_Kabuli_NW_004516575.1_730142	Ca_kabuli_scaffold	730142	[A/G]	1067305285
Ca_Kabuli_NW_004516575.1_732450	Ca_kabuli_scaffold	732450	[A/C]	1067305286
Ca_Kabuli_NW_004516575.1_732454	Ca_kabuli_scaffold	732454	[T/G]	1067305287
Ca_Kabuli_NW_004516575.1_732463	Ca_kabuli_scaffold	732463	[G/T]	1067305288
Ca_Kabuli_NW_004516575.1_735834	Ca_kabuli_scaffold	735834	[A/T]	1067305289
Ca_Kabuli_NW_004516575.1_745915	Ca_kabuli_scaffold	745915	[T/C]	1067305290

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516575.1_750149	Ca_kabuli_scaffold	750149	[T/C]	1067305291
Ca_Kabuli_NW_004516575.1_750153	Ca_kabuli_scaffold	750153	[A/T]	1067305292
Ca_Kabuli_NW_004516575.1_750157	Ca_kabuli_scaffold	750157	[A/C]	1067305293
Ca_Kabuli_NW_004516575.1_750167	Ca_kabuli_scaffold	750167	[A/C]	1067305294
Ca_Kabuli_NW_004516575.1_750215	Ca_kabuli_scaffold	750215	[A/G]	1067305295
Ca_Kabuli_NW_004516575.1_771024	Ca_kabuli_scaffold	771024	[A/G]	1067305296
Ca_Kabuli_NW_004516575.1_771036	Ca_kabuli_scaffold	771036	[A/C]	1067305297
Ca_Kabuli_NW_004516575.1_800500	Ca_kabuli_scaffold	800500	[C/T]	1067305298
Ca_Kabuli_NW_004516575.1_871632	Ca_kabuli_scaffold	871632	[G/A]	1067305299
Ca_Kabuli_NW_004516575.1_871634	Ca_kabuli_scaffold	871634	[A/G]	1067305300
Ca_Kabuli_NW_004516575.1_871635	Ca_kabuli_scaffold	871635	[A/C]	1067305301
Ca_Kabuli_NW_004516575.1_909909	Ca_kabuli_scaffold	909909	[A/C]	1067305302
Ca_Kabuli_NW_004516575.1_923881	Ca_kabuli_scaffold	923881	[T/A]	1067305303
Ca_Kabuli_NW_004516575.1_923907	Ca_kabuli_scaffold	923907	[A/C]	1067305304
Ca_Kabuli_NW_004516575.1_923936	Ca_kabuli_scaffold	923936	[A/C]	1067305305
Ca_Kabuli_NW_004516575.1_923939	Ca_kabuli_scaffold	923939	[A/C]	1067305306
Ca_Kabuli_NW_004516575.1_924154	Ca_kabuli_scaffold	924154	[T/G]	1067305307
Ca_Kabuli_NW_004516575.1_971191	Ca_kabuli_scaffold	971191	[A/C]	1067305308
Ca_Kabuli_NW_004516575.1_971230	Ca_kabuli_scaffold	971230	[A/G]	1067305309
Ca_Kabuli_NW_004516575.1_971232	Ca_kabuli_scaffold	971232	[C/A]	1067305310
Ca_Kabuli_NW_004516575.1_971237	Ca_kabuli_scaffold	971237	[A/G]	1067305311
Ca_Kabuli_NW_004516575.1_971261	Ca_kabuli_scaffold	971261	[T/C]	1067305312
Ca_Kabuli_NW_004516575.1_971281	Ca_kabuli_scaffold	971281	[T/G]	1067305313
Ca_Kabuli_NW_004516575.1_971284	Ca_kabuli_scaffold	971284	[T/C]	1067305314
Ca_Kabuli_NW_004516575.1_971292	Ca_kabuli_scaffold	971292	[T/C]	1067305315
Ca_Kabuli_NW_004516575.1_1066731	Ca_kabuli_scaffold	1066731	[A/C]	1067305316
Ca_Kabuli_NW_004516575.1_1072750	Ca_kabuli_scaffold	1072750	[T/C]	1067305317
Ca_Kabuli_NW_004516575.1_1072970	Ca_kabuli_scaffold	1072970	[T/G]	1067305318
Ca_Kabuli_NW_004516575.1_1073115	Ca_kabuli_scaffold	1073115	[T/G]	1067305319
Ca_Kabuli_NW_004516575.1_1172634	Ca_kabuli_scaffold	1172634	[T/C]	1067305320
Ca_Kabuli_NW_004516575.1_1207416	Ca_kabuli_scaffold	1207416	[T/G]	1067305321
Ca_Kabuli_NW_004516575.1_1234641	Ca_kabuli_scaffold	1234641	[T/G]	1067305322
Ca_Kabuli_NW_004516575.1_1234662	Ca_kabuli_scaffold	1234662	[A/G]	1067305323
Ca_Kabuli_NW_004516575.1_1263414	Ca_kabuli_scaffold	1263414	[T/C]	1067305324

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516575.1_1263442	Ca_kabuli_scaffold	1263442	[T/C]	1067305325
Ca_Kabuli_NW_004516575.1_1263455	Ca_kabuli_scaffold	1263455	[C/A]	1067305326
Ca_Kabuli_NW_004516575.1_1263457	Ca_kabuli_scaffold	1263457	[C/A]	1067305327
Ca_Kabuli_NW_004516575.1_1263469	Ca_kabuli_scaffold	1263469	[A/G]	1067305328
Ca_Kabuli_NW_004516575.1_1263503	Ca_kabuli_scaffold	1263503	[A/G]	1067305329
Ca_Kabuli_NW_004516575.1_1263537	Ca_kabuli_scaffold	1263537	[T/C]	1067305330
Ca_Kabuli_NW_004516575.1_1265627	Ca_kabuli_scaffold	1265627	[C/T]	1067305331
Ca_Kabuli_NW_004516575.1_1265638	Ca_kabuli_scaffold	1265638	[T/G]	1067305332
Ca_Kabuli_NW_004516575.1_1285272	Ca_kabuli_scaffold	1285272	[T/G]	1067305333
Ca_Kabuli_NW_004516575.1_1285275	Ca_kabuli_scaffold	1285275	[T/G]	1067305334
Ca_Kabuli_NW_004516575.1_1287875	Ca_kabuli_scaffold	1287875	[T/G]	1067305335
Ca_Kabuli_NW_004516575.1_1287887	Ca_kabuli_scaffold	1287887	[T/G]	1067305336
Ca_Kabuli_NW_004516575.1_1288404	Ca_kabuli_scaffold	1288404	[T/C]	1067305337
Ca_Kabuli_NW_004516575.1_1288428	Ca_kabuli_scaffold	1288428	[A/T]	1067305338
Ca_Kabuli_NW_004516575.1_1288440	Ca_kabuli_scaffold	1288440	[T/G]	1067305339
Ca_Kabuli_NW_004516577.1_137295	Ca_kabuli_scaffold	137295	[A/C]	1067305340
Ca_Kabuli_NW_004516577.1_137296	Ca_kabuli_scaffold	137296	[G/T]	1067305341
Ca_Kabuli_NW_004516577.1_137297	Ca_kabuli_scaffold	137297	[A/C]	1067305342
Ca_Kabuli_NW_004516577.1_204629	Ca_kabuli_scaffold	204629	[C/A]	1067305343
Ca_Kabuli_NW_004516577.1_204633	Ca_kabuli_scaffold	204633	[T/A]	1067305344
Ca_Kabuli_NW_004516577.1_204642	Ca_kabuli_scaffold	204642	[T/A]	1067305345
Ca_Kabuli_NW_004516577.1_272771	Ca_kabuli_scaffold	272771	[A/G]	1067305346
Ca_Kabuli_NW_004516593.1_8010	Ca_kabuli_scaffold	8010	[A/T]	1067305347
Ca_Kabuli_NW_004516593.1_8058	Ca_kabuli_scaffold	8058	[A/G]	1067305348
Ca_Kabuli_NW_004516593.1_8086	Ca_kabuli_scaffold	8086	[T/G]	1067305349
Ca_Kabuli_NW_004516593.1_8115	Ca_kabuli_scaffold	8115	[T/G]	1067305350
Ca_Kabuli_NW_004516593.1_8211	Ca_kabuli_scaffold	8211	[A/G]	1067305351
Ca_Kabuli_NW_004516593.1_8315	Ca_kabuli_scaffold	8315	[T/G]	1067305352
Ca_Kabuli_NW_004516593.1_8336	Ca_kabuli_scaffold	8336	[A/G]	1067305353
Ca_Kabuli_NW_004516593.1_20569	Ca_kabuli_scaffold	20569	[T/G]	1067305354
Ca_Kabuli_NW_004516593.1_20683	Ca_kabuli_scaffold	20683	[T/G]	1067305355
Ca_Kabuli_NW_004516593.1_31000	Ca_kabuli_scaffold	31000	[A/G]	1067305356
Ca_Kabuli_NW_004516593.1_31044	Ca_kabuli_scaffold	31044	[T/G]	1067305357
Ca_Kabuli_NW_004516593.1_33034	Ca_kabuli_scaffold	33034	[T/C]	1067305358



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516593.1_104453	Ca_kabuli_scaffold	104453	[T/C]	1067305359
Ca_Kabuli_NW_004516595.1_85314	Ca_kabuli_scaffold	85314	[A/G]	1067305360
Ca_Kabuli_NW_004516595.1_85315	Ca_kabuli_scaffold	85315	[A/G]	1067305361
Ca_Kabuli_NW_004516602.1_186361	Ca_kabuli_scaffold	186361	[A/C]	1067305362
Ca_Kabuli_NW_004516623.1_47161	Ca_kabuli_scaffold	47161	[C/T]	1067305363
Ca_Kabuli_NW_004516628.1_76597	Ca_kabuli_scaffold	76597	[A/C]	1067305364
Ca_Kabuli_NW_004516628.1_76623	Ca_kabuli_scaffold	76623	[C/T]	1067305365
Ca_Kabuli_NW_004516628.1_76627	Ca_kabuli_scaffold	76627	[A/C]	1067305366
Ca_Kabuli_NW_004516628.1_131551	Ca_kabuli_scaffold	131551	[A/C]	1067305367
Ca_Kabuli_NW_004516628.1_257812	Ca_kabuli_scaffold	257812	[A/C]	1067305368
Ca_Kabuli_NW_004516628.1_257858	Ca_kabuli_scaffold	257858	[A/C]	1067305369
Ca_Kabuli_NW_004516629.1_96216	Ca_kabuli_scaffold	96216	[T/C]	1067305370
Ca_Kabuli_NW_004516630.1_25681	Ca_kabuli_scaffold	25681	[C/G]	1067305371
Ca_Kabuli_NW_004516641.1_1723	Ca_kabuli_scaffold	1723	[C/T]	1067305372
Ca_Kabuli_NW_004516643.1_242575	Ca_kabuli_scaffold	242575	[T/G]	1067305373
Ca_Kabuli_NW_004516650.1_48447	Ca_kabuli_scaffold	48447	[T/C]	1067305374
Ca_Kabuli_NW_004516650.1_70424	Ca_kabuli_scaffold	70424	[G/A]	1067305375
Ca_Kabuli_NW_004516650.1_74434	Ca_kabuli_scaffold	74434	[C/T]	1067305376
Ca_Kabuli_NW_004516650.1_74436	Ca_kabuli_scaffold	74436	[C/T]	1067305377
Ca_Kabuli_NW_004516650.1_74521	Ca_kabuli_scaffold	74521	[A/C]	1067305378
Ca_Kabuli_NW_004516652.1_11017	Ca_kabuli_scaffold	11017	[A/G]	1067305379
Ca_Kabuli_NW_004516654.1_3592	Ca_kabuli_scaffold	3592	[A/T]	1067305380
Ca_Kabuli_NW_004516654.1_3606	Ca_kabuli_scaffold	3606	[T/C]	1067305381
Ca_Kabuli_NW_004516654.1_3758	Ca_kabuli_scaffold	3758	[T/G]	1067305382
Ca_Kabuli_NW_004516654.1_3764	Ca_kabuli_scaffold	3764	[G/T]	1067305383
Ca_Kabuli_NW_004516654.1_3793	Ca_kabuli_scaffold	3793	[G/A]	1067305384
Ca_Kabuli_NW_004516654.1_3800	Ca_kabuli_scaffold	3800	[T/G]	1067305385
Ca_Kabuli_NW_004516666.1_86018	Ca_kabuli_scaffold	86018	[C/T]	1067305386
Ca_Kabuli_NW_004516666.1_86049	Ca_kabuli_scaffold	86049	[G/A]	1067305387
Ca_Kabuli_NW_004516666.1_322287	Ca_kabuli_scaffold	322287	[G/A]	1067305388
Ca_Kabuli_NW_004516666.1_322315	Ca_kabuli_scaffold	322315	[G/T]	1067305389
Ca_Kabuli_NW_004516666.1_365902	Ca_kabuli_scaffold	365902	[A/C]	1067305390
Ca_Kabuli_NW_004516666.1_365910	Ca_kabuli_scaffold	365910	[A/C]	1067305391
Ca_Kabuli_NW_004516677.1_4751	Ca_kabuli_scaffold	4751	[A/T]	1067305392

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516687.1_81765	Ca_kabuli_scaffold	81765	[C/A]	1067305393
Ca_Kabuli_NW_004516687.1_81779	Ca_kabuli_scaffold	81779	[A/C]	1067305394
Ca_Kabuli_NW_004516690.1_113837	Ca_kabuli_scaffold	113837	[A/G]	1067305395
Ca_Kabuli_NW_004516690.1_113840	Ca_kabuli_scaffold	113840	[A/G]	1067305396
Ca_Kabuli_NW_004516690.1_113857	Ca_kabuli_scaffold	113857	[T/G]	1067305397
Ca_Kabuli_NW_004516690.1_113871	Ca_kabuli_scaffold	113871	[T/C]	1067305398
Ca_Kabuli_NW_004516690.1_113877	Ca_kabuli_scaffold	113877	[A/G]	1067305399
Ca_Kabuli_NW_004516690.1_113887	Ca_kabuli_scaffold	113887	[T/A]	1067305400
Ca_Kabuli_NW_004516690.1_289997	Ca_kabuli_scaffold	289997	[G/T]	1067305401
Ca_Kabuli_NW_004516695.1_160749	Ca_kabuli_scaffold	160749	[T/C]	1067305402
Ca_Kabuli_NW_004516695.1_189700	Ca_kabuli_scaffold	189700	[A/G]	1067305403
Ca_Kabuli_NW_004516695.1_197789	Ca_kabuli_scaffold	197789	[G/A]	1067305404
Ca_Kabuli_NW_004516695.1_197790	Ca_kabuli_scaffold	197790	[G/A]	1067305405
Ca_Kabuli_NW_004516695.1_197819	Ca_kabuli_scaffold	197819	[T/G]	1067305406
Ca_Kabuli_NW_004516696.1_33121	Ca_kabuli_scaffold	33121	[A/C]	1067305407
Ca_Kabuli_NW_004516696.1_33165	Ca_kabuli_scaffold	33165	[A/C]	1067305408
Ca_Kabuli_NW_004516696.1_33188	Ca_kabuli_scaffold	33188	[A/C]	1067305409
Ca_Kabuli_NW_004516696.1_33955	Ca_kabuli_scaffold	33955	[T/G]	1067305410
Ca_Kabuli_NW_004516701.1_92106	Ca_kabuli_scaffold	92106	[C/G]	1067305411
Ca_Kabuli_NW_004516701.1_98231	Ca_kabuli_scaffold	98231	[A/G]	1067305412
Ca_Kabuli_NW_004516709.1_20734	Ca_kabuli_scaffold	20734	[A/C]	1067305413
Ca_Kabuli_NW_004516717.1_10495	Ca_kabuli_scaffold	10495	[C/G]	1067305414
Ca_Kabuli_NW_004516718.1_65715	Ca_kabuli_scaffold	65715	[G/A]	1067305415
Ca_Kabuli_NW_004516724.1_81468	Ca_kabuli_scaffold	81468	[G/C]	1067305416
Ca_Kabuli_NW_004516724.1_81521	Ca_kabuli_scaffold	81521	[G/A]	1067305417
Ca_Kabuli_NW_004516724.1_111497	Ca_kabuli_scaffold	111497	[T/A]	1067305418
Ca_Kabuli_NW_004516724.1_113100	Ca_kabuli_scaffold	113100	[T/G]	1067305419
Ca_Kabuli_NW_004516724.1_113104	Ca_kabuli_scaffold	113104	[T/A]	1067305420
Ca_Kabuli_NW_004516724.1_113109	Ca_kabuli_scaffold	113109	[A/C]	1067305421
Ca_Kabuli_NW_004516724.1_113125	Ca_kabuli_scaffold	113125	[A/T]	1067305422
Ca_Kabuli_NW_004516724.1_113137	Ca_kabuli_scaffold	113137	[A/C]	1067305423
Ca_Kabuli_NW_004516724.1_137569	Ca_kabuli_scaffold	137569	[T/C]	1067305424
Ca_Kabuli_NW_004516724.1_233503	Ca_kabuli_scaffold	233503	[A/G]	1067305425
Ca_Kabuli_NW_004516724.1_233606	Ca_kabuli_scaffold	233606	[A/T]	1067305426

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516724.1_233613	Ca_kabuli_scaffold	233613	[A/C]	1067305427
Ca_Kabuli_NW_004516724.1_253847	Ca_kabuli_scaffold	253847	[A/G]	1067305428
Ca_Kabuli_NW_004516724.1_310664	Ca_kabuli_scaffold	310664	[A/T]	1067305429
Ca_Kabuli_NW_004516724.1_312266	Ca_kabuli_scaffold	312266	[T/G]	1067305430
Ca_Kabuli_NW_004516724.1_312284	Ca_kabuli_scaffold	312284	[A/T]	1067305431
Ca_Kabuli_NW_004516754.1_23431	Ca_kabuli_scaffold	23431	[G/T]	1067305432
Ca_Kabuli_NW_004516754.1_23433	Ca_kabuli_scaffold	23433	[T/C]	1067305433
Ca_Kabuli_NW_004516754.1_23440	Ca_kabuli_scaffold	23440	[A/T]	1067305434
Ca_Kabuli_NW_004516754.1_24156	Ca_kabuli_scaffold	24156	[A/C]	1067305435
Ca_Kabuli_NW_004516754.1_119677	Ca_kabuli_scaffold	119677	[C/T]	1067305436
Ca_Kabuli_NW_004516754.1_119694	Ca_kabuli_scaffold	119694	[T/G]	1067305437
Ca_Kabuli_NW_004516754.1_119720	Ca_kabuli_scaffold	119720	[C/A]	1067305438
Ca_Kabuli_NW_004516754.1_119721	Ca_kabuli_scaffold	119721	[C/G]	1067305439
Ca_Kabuli_NW_004516754.1_152072	Ca_kabuli_scaffold	152072	[A/C]	1067305440
Ca_Kabuli_NW_004516754.1_188914	Ca_kabuli_scaffold	188914	[A/C]	1067305441
Ca_Kabuli_NW_004516780.1_23445	Ca_kabuli_scaffold	23445	[A/C]	1067305442
Ca_Kabuli_NW_004516783.1_31589	Ca_kabuli_scaffold	31589	[T/C]	1067305443
Ca_Kabuli_NW_004516783.1_202430	Ca_kabuli_scaffold	202430	[A/C]	1067305444
Ca_Kabuli_NW_004516800.1_26433	Ca_kabuli_scaffold	26433	[T/A]	1067305445
Ca_Kabuli_NW_004516804.1_332198	Ca_kabuli_scaffold	332198	[A/C]	1067305446
Ca_Kabuli_NW_004516804.1_332369	Ca_kabuli_scaffold	332369	[C/T]	1067305447
Ca_Kabuli_NW_004516806.1_70487	Ca_kabuli_scaffold	70487	[A/C]	1067305448
Ca_Kabuli_NW_004516808.1_146315	Ca_kabuli_scaffold	146315	[A/C]	1067305449
Ca_Kabuli_NW_004516808.1_150281	Ca_kabuli_scaffold	150281	[G/T]	1067305450
Ca_Kabuli_NW_004516823.1_82859	Ca_kabuli_scaffold	82859	[A/T]	1067305451
Ca_Kabuli_NW_004516823.1_82935	Ca_kabuli_scaffold	82935	[A/C]	1067305452
Ca_Kabuli_NW_004516823.1_82971	Ca_kabuli_scaffold	82971	[T/A]	1067305453
Ca_Kabuli_NW_004516823.1_82974	Ca_kabuli_scaffold	82974	[T/A]	1067305454
Ca_Kabuli_NW_004516834.1_29477	Ca_kabuli_scaffold	29477	[G/A]	1067305455
Ca_Kabuli_NW_004516834.1_29481	Ca_kabuli_scaffold	29481	[T/A]	1067305456
Ca_Kabuli_NW_004516834.1_29483	Ca_kabuli_scaffold	29483	[G/A]	1067305457
Ca_Kabuli_NW_004516834.1_29511	Ca_kabuli_scaffold	29511	[G/A]	1067305458
Ca_Kabuli_NW_004516834.1_29514	Ca_kabuli_scaffold	29514	[C/T]	1067305459
Ca_Kabuli_NW_004516834.1_73620	Ca_kabuli_scaffold	73620	[A/C]	1067305460

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516836.1_146622	Ca_kabuli_scaffold	146622	[T/G]	1067305461
Ca_Kabuli_NW_004516836.1_146630	Ca_kabuli_scaffold	146630	[T/G]	1067305462
Ca_Kabuli_NW_004516838.1_87052	Ca_kabuli_scaffold	87052	[T/G]	1067305463
Ca_Kabuli_NW_004516838.1_87053	Ca_kabuli_scaffold	87053	[C/A]	1067305464
Ca_Kabuli_NW_004516838.1_87054	Ca_kabuli_scaffold	87054	[T/G]	1067305465
Ca_Kabuli_NW_004516842.1_70605	Ca_kabuli_scaffold	70605	[T/G]	1067305466
Ca_Kabuli_NW_004516847.1_207	Ca_kabuli_scaffold	207	[G/A]	1067305467
Ca_Kabuli_NW_004516850.1_133488	Ca_kabuli_scaffold	133488	[T/C]	1067305468
Ca_Kabuli_NW_004516850.1_133489	Ca_kabuli_scaffold	133489	[G/A]	1067305469
Ca_Kabuli_NW_004516852.1_22370	Ca_kabuli_scaffold	22370	[T/A]	1067305470
Ca_Kabuli_NW_004516863.1_9003	Ca_kabuli_scaffold	9003	[G/A]	1067305471
Ca_Kabuli_NW_004516863.1_9015	Ca_kabuli_scaffold	9015	[C/T]	1067305472
Ca_Kabuli_NW_004516872.1_86066	Ca_kabuli_scaffold	86066	[C/A]	1067305473
Ca_Kabuli_NW_004516872.1_86077	Ca_kabuli_scaffold	86077	[G/A]	1067305474
Ca_Kabuli_NW_004516872.1_86078	Ca_kabuli_scaffold	86078	[G/A]	1067305475
Ca_Kabuli_NW_004516872.1_86084	Ca_kabuli_scaffold	86084	[C/T]	1067305476
Ca_Kabuli_NW_004516872.1_192399	Ca_kabuli_scaffold	192399	[A/C]	1067305477
Ca_Kabuli_NW_004516872.1_192417	Ca_kabuli_scaffold	192417	[C/A]	1067305478
Ca_Kabuli_NW_004516872.1_192713	Ca_kabuli_scaffold	192713	[G/T]	1067305479
Ca_Kabuli_NW_004516872.1_193519	Ca_kabuli_scaffold	193519	[A/T]	1067305480
Ca_Kabuli_NW_004516872.1_194345	Ca_kabuli_scaffold	194345	[C/G]	1067305481
Ca_Kabuli_NW_004516872.1_266559	Ca_kabuli_scaffold	266559	[C/T]	1067305482
Ca_Kabuli_NW_004516872.1_401085	Ca_kabuli_scaffold	401085	[A/T]	1067305483
Ca_Kabuli_NW_004516872.1_502015	Ca_kabuli_scaffold	502015	[A/T]	1067305484
Ca_Kabuli_NW_004516872.1_528896	Ca_kabuli_scaffold	528896	[A/C]	1067305485
Ca_Kabuli_NW_004516872.1_625332	Ca_kabuli_scaffold	625332	[A/C]	1067305486
Ca_Kabuli_NW_004516872.1_625336	Ca_kabuli_scaffold	625336	[A/G]	1067305487
Ca_Kabuli_NW_004516872.1_625365	Ca_kabuli_scaffold	625365	[T/C]	1067305488
Ca_Kabuli_NW_004516872.1_625388	Ca_kabuli_scaffold	625388	[C/T]	1067305489
Ca_Kabuli_NW_004516890.1_120037	Ca_kabuli_scaffold	120037	[A/G]	1067305490
Ca_Kabuli_NW_004516890.1_120040	Ca_kabuli_scaffold	120040	[T/C]	1067305491
Ca_Kabuli_NW_004516890.1_120084	Ca_kabuli_scaffold	120084	[A/G]	1067305492
Ca_Kabuli_NW_004516890.1_120090	Ca_kabuli_scaffold	120090	[T/C]	1067305493
Ca_Kabuli_NW_004516890.1_121557	Ca_kabuli_scaffold	121557	[A/G]	1067305494

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004516890.1_121565	Ca_kabuli_scaffold	121565	[T/G]	1067305495
Ca_Kabuli_NW_004516890.1_164730	Ca_kabuli_scaffold	164730	[T/G]	1067305496
Ca_Kabuli_NW_004516890.1_164769	Ca_kabuli_scaffold	164769	[C/T]	1067305497
Ca_Kabuli_NW_004516890.1_164771	Ca_kabuli_scaffold	164771	[T/C]	1067305498
Ca_Kabuli_NW_004516890.1_281901	Ca_kabuli_scaffold	281901	[T/C]	1067305499
Ca_Kabuli_NW_004516890.1_281915	Ca_kabuli_scaffold	281915	[A/G]	1067305500
Ca_Kabuli_NW_004516914.1_84756	Ca_kabuli_scaffold	84756	[T/G]	1067305501
Ca_Kabuli_NW_004516932.1_7165	Ca_kabuli_scaffold	7165	[G/A]	1067305502
Ca_Kabuli_NW_004516932.1_9398	Ca_kabuli_scaffold	9398	[C/A]	1067305503
Ca_Kabuli_NW_004516932.1_10541	Ca_kabuli_scaffold	10541	[C/G]	1067305504
Ca_Kabuli_NW_004516932.1_10563	Ca_kabuli_scaffold	10563	[T/C]	1067305505
Ca_Kabuli_NW_004516932.1_10925	Ca_kabuli_scaffold	10925	[A/C]	1067305506
Ca_Kabuli_NW_004516932.1_10926	Ca_kabuli_scaffold	10926	[G/T]	1067305507
Ca_Kabuli_NW_004516932.1_10945	Ca_kabuli_scaffold	10945	[T/C]	1067305508
Ca_Kabuli_NW_004516932.1_10950	Ca_kabuli_scaffold	10950	[T/C]	1067305509
Ca_Kabuli_NW_004516932.1_10978	Ca_kabuli_scaffold	10978	[T/C]	1067305510
Ca_Kabuli_NW_004516932.1_10980	Ca_kabuli_scaffold	10980	[A/G]	1067305511
Ca_Kabuli_NW_004516938.1_69848	Ca_kabuli_scaffold	69848	[A/T]	1067305512
Ca_Kabuli_NW_004516939.1_96488	Ca_kabuli_scaffold	96488	[A/G]	1067305513
Ca_Kabuli_NW_004516939.1_101253	Ca_kabuli_scaffold	101253	[A/G]	1067305514
Ca_Kabuli_NW_004516956.1_106332	Ca_kabuli_scaffold	106332	[T/C]	1067305515
Ca_Kabuli_NW_004516957.1_339103	Ca_kabuli_scaffold	339103	[C/A]	1067305516
Ca_Kabuli_NW_004516968.1_40085	Ca_kabuli_scaffold	40085	[C/G]	1067305517
Ca_Kabuli_NW_004516968.1_40089	Ca_kabuli_scaffold	40089	[C/T]	1067305518
Ca_Kabuli_NW_004516995.1_237807	Ca_kabuli_scaffold	237807	[C/T]	1067305519
Ca_Kabuli_NW_004517006.1_50192	Ca_kabuli_scaffold	50192	[C/A]	1067305520
Ca_Kabuli_NW_004517017.1_343519	Ca_kabuli_scaffold	343519	[G/A]	1067305521
Ca_Kabuli_NW_004517017.1_343553	Ca_kabuli_scaffold	343553	[A/G]	1067305522
Ca_Kabuli_NW_004517017.1_349282	Ca_kabuli_scaffold	349282	[A/G]	1067305523
Ca_Kabuli_NW_004517017.1_349284	Ca_kabuli_scaffold	349284	[T/C]	1067305524
Ca_Kabuli_NW_004517030.1_83810	Ca_kabuli_scaffold	83810	[G/A]	1067305525
Ca_Kabuli_NW_004517035.1_127148	Ca_kabuli_scaffold	127148	[A/C]	1067305526
Ca_Kabuli_NW_004517046.1_517	Ca_kabuli_scaffold	517	[G/A]	1067305527
Ca_Kabuli_NW_004517046.1_535	Ca_kabuli_scaffold	535	[T/C]	1067305528

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004517046.1_537	Ca_kabuli_scaffold	537	[T/G]	1067305529
Ca_Kabuli_NW_004517046.1_545	Ca_kabuli_scaffold	545	[C/T]	1067305530
Ca_Kabuli_NW_004517047.1_139066	Ca_kabuli_scaffold	139066	[T/C]	1067305531
Ca_Kabuli_NW_004517047.1_192469	Ca_kabuli_scaffold	192469	[A/G]	1067305532
Ca_Kabuli_NW_004517047.1_241618	Ca_kabuli_scaffold	241618	[T/C]	1067305533
Ca_Kabuli_NW_004517047.1_241697	Ca_kabuli_scaffold	241697	[T/C]	1067305534
Ca_Kabuli_NW_004517047.1_241701	Ca_kabuli_scaffold	241701	[T/C]	1067305535
Ca_Kabuli_NW_004517047.1_241708	Ca_kabuli_scaffold	241708	[T/C]	1067305536
Ca_Kabuli_NW_004517047.1_241754	Ca_kabuli_scaffold	241754	[A/T]	1067305537
Ca_Kabuli_NW_004517047.1_269891	Ca_kabuli_scaffold	269891	[G/T]	1067305538
Ca_Kabuli_NW_004517047.1_328575	Ca_kabuli_scaffold	328575	[A/C]	1067305539
Ca_Kabuli_NW_004517047.1_328816	Ca_kabuli_scaffold	328816	[T/A]	1067305540
Ca_Kabuli_NW_004517047.1_328817	Ca_kabuli_scaffold	328817	[T/G]	1067305541
Ca_Kabuli_NW_004517047.1_328823	Ca_kabuli_scaffold	328823	[T/A]	1067305542
Ca_Kabuli_NW_004517047.1_328828	Ca_kabuli_scaffold	328828	[T/A]	1067305543
Ca_Kabuli_NW_004517047.1_380574	Ca_kabuli_scaffold	380574	[C/A]	1067305544
Ca_Kabuli_NW_004517047.1_380575	Ca_kabuli_scaffold	380575	[A/G]	1067305545
Ca_Kabuli_NW_004517047.1_380576	Ca_kabuli_scaffold	380576	[G/A]	1067305546
Ca_Kabuli_NW_004517047.1_382520	Ca_kabuli_scaffold	382520	[A/G]	1067305547
Ca_Kabuli_NW_004517047.1_384780	Ca_kabuli_scaffold	384780	[T/C]	1067305548
Ca_Kabuli_NW_004517047.1_384837	Ca_kabuli_scaffold	384837	[T/A]	1067305549
Ca_Kabuli_NW_004517047.1_390797	Ca_kabuli_scaffold	390797	[A/C]	1067305550
Ca_Kabuli_NW_004517047.1_390807	Ca_kabuli_scaffold	390807	[C/T]	1067305551
Ca_Kabuli_NW_004517050.1_106	Ca_kabuli_scaffold	106	[T/C]	1067305552
Ca_Kabuli_NW_004517050.1_5648	Ca_kabuli_scaffold	5648	[G/A]	1067305553
Ca_Kabuli_NW_004517050.1_212015	Ca_kabuli_scaffold	212015	[G/A]	1067305554
Ca_Kabuli_NW_004517050.1_215894	Ca_kabuli_scaffold	215894	[T/C]	1067305555
Ca_Kabuli_NW_004517050.1_215903	Ca_kabuli_scaffold	215903	[T/C]	1067305556
Ca_Kabuli_NW_004517050.1_215929	Ca_kabuli_scaffold	215929	[A/G]	1067305557
Ca_Kabuli_NW_004517050.1_215931	Ca_kabuli_scaffold	215931	[A/G]	1067305558
Ca_Kabuli_NW_004517050.1_215942	Ca_kabuli_scaffold	215942	[A/G]	1067305559
Ca_Kabuli_NW_004517088.1_70567	Ca_kabuli_scaffold	70567	[T/C]	1067305560
Ca_Kabuli_NW_004517088.1_71580	Ca_kabuli_scaffold	71580	[C/A]	1067305561
Ca_Kabuli_NW_004517088.1_71581	Ca_kabuli_scaffold	71581	[T/G]	1067305562

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NW_004517088.1_111576	Ca_kabuli_scaffold	111576	[A/C]	1067305564
Ca_Kabuli_NW_004517088.1_111596	Ca_kabuli_scaffold	111596	[T/C]	1067305565
Ca_Kabuli_NW_004517088.1_111612	Ca_kabuli_scaffold	111612	[A/G]	1067305566
Ca_Kabuli_NW_004517088.1_111614	Ca_kabuli_scaffold	111614	[A/G]	1067305567
Ca_Kabuli_NW_004517088.1_113856	Ca_kabuli_scaffold	113856	[G/T]	1067305568
Ca_Kabuli_NW_004517093.1_50241	Ca_kabuli_scaffold	50241	[A/G]	1067305569
Ca_Kabuli_NW_004517093.1_122512	Ca_kabuli_scaffold	122512	[T/G]	1067305570
Ca_Kabuli_NW_004517093.1_122526	Ca_kabuli_scaffold	122526	[A/G]	1067305571
Ca_Kabuli_NW_004517093.1_132140	Ca_kabuli_scaffold	132140	[T/C]	1067305572
Ca_Kabuli_NW_004517093.1_132153	Ca_kabuli_scaffold	132153	[T/A]	1067305573
Ca_Kabuli_NW_004517093.1_132165	Ca_kabuli_scaffold	132165	[T/G]	1067305574
Ca_Kabuli_NW_004517093.1_134659	Ca_kabuli_scaffold	134659	[A/T]	1067305575
Ca_Kabuli_NW_004517093.1_134667	Ca_kabuli_scaffold	134667	[T/G]	1067305576
Ca_Kabuli_NW_004517093.1_134670	Ca_kabuli_scaffold	134670	[T/G]	1067305577
Ca_Kabuli_NW_004517096.1_93240	Ca_kabuli_scaffold	93240	[A/G]	1067305578
Ca_Kabuli_NW_004517096.1_226138	Ca_kabuli_scaffold	226138	[T/C]	1067305579
Ca_Kabuli_NW_004517099.1_72632	Ca_kabuli_scaffold	72632	[C/T]	1067305580
Ca_Kabuli_NW_004517099.1_179754	Ca_kabuli_scaffold	179754	[A/G]	1067305581
Ca_Kabuli_NW_004517099.1_179759	Ca_kabuli_scaffold	179759	[T/G]	1067305582
Ca_Kabuli_NW_004517106.1_163331	Ca_kabuli_scaffold	163331	[A/G]	1067305583
Ca_Kabuli_NW_004517141.1_26870	Ca_kabuli_scaffold	26870	[G/A]	1067305584
Ca_Kabuli_NW_004517141.1_26880	Ca_kabuli_scaffold	26880	[C/T]	1067305585
Ca_Kabuli_NW_004517141.1_154212	Ca_kabuli_scaffold	154212	[T/G]	1067305586
Ca_Kabuli_NW_004517142.1_61653	Ca_kabuli_scaffold	61653	[A/C]	1067305587
Ca_Kabuli_NW_004517156.1_14932	Ca_kabuli_scaffold	14932	[A/C]	1067305588
Ca_Kabuli_NW_004517176.1_249375	Ca_kabuli_scaffold	249375	[G/A]	1067305589
Ca_Kabuli_NW_004517182.1_226179	Ca_kabuli_scaffold	226179	[C/A]	1067305590
Ca_Kabuli_NW_004517185.1_68292	Ca_kabuli_scaffold	68292	[G/A]	1067305591
Ca_Kabuli_NW_004517185.1_209695	Ca_kabuli_scaffold	209695	[A/G]	1067305592
Ca_Kabuli_NW_004517185.1_209719	Ca_kabuli_scaffold	209719	[A/C]	1067305593
Ca_Kabuli_NW_004517185.1_209730	Ca_kabuli_scaffold	209730	[A/C]	1067305594
Ca_Kabuli_NW_004517185.1_209757	Ca_kabuli_scaffold	209757	[A/G]	1067305595
Ca_Kabuli_NW_004517185.1_229209	Ca_kabuli_scaffold	229209	[T/C]	1067305596

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NW_004517185.1_229235	Ca_kabuli_scaffold	229235	[A/G]	1067305598
Ca_Kabuli_NW_004517188.1_4821	Ca_kabuli_scaffold	4821	[G/A]	1067305599
Ca_Kabuli_NW_004517206.1_35180	Ca_kabuli_scaffold	35180	[T/A]	1067305600
Ca_Kabuli_NW_004517206.1_199116	Ca_kabuli_scaffold	199116	[G/T]	1067305601
Ca_Kabuli_NW_004517206.1_199117	Ca_kabuli_scaffold	199117	[C/G]	1067305602
Ca_Kabuli_NW_004517206.1_199118	Ca_kabuli_scaffold	199118	[T/C]	1067305603
Ca_Kabuli_NW_004517206.1_199119	Ca_kabuli_scaffold	199119	[T/G]	1067305604
Ca_Kabuli_NW_004517206.1_199120	Ca_kabuli_scaffold	199120	[C/A]	1067305605
Ca_Kabuli_NW_004517206.1_199129	Ca_kabuli_scaffold	199129	[T/C]	1067305606
Ca_Kabuli_NW_004517206.1_199169	Ca_kabuli_scaffold	199169	[G/T]	1067305607
Ca_Kabuli_NW_004517206.1_212519	Ca_kabuli_scaffold	212519	[T/A]	1067305608
Ca_Kabuli_NW_004517249.1_5538	Ca_kabuli_scaffold	5538	[A/T]	1067305609
Ca_Kabuli_NW_004517249.1_5562	Ca_kabuli_scaffold	5562	[C/T]	1067305610
Ca_Kabuli_NW_004517249.1_5570	Ca_kabuli_scaffold	5570	[C/T]	1067305611
Ca_Kabuli_NW_004517250.1_4502	Ca_kabuli_scaffold	4502	[A/C]	1067305612
Ca_Kabuli_NW_004517250.1_4510	Ca_kabuli_scaffold	4510	[A/C]	1067305613
Ca_Kabuli_NW_004517264.1_125981	Ca_kabuli_scaffold	125981	[T/G]	1067305614
Ca_Kabuli_NW_004517264.1_125991	Ca_kabuli_scaffold	125991	[A/C]	1067305615
Ca_Kabuli_NW_004517264.1_125997	Ca_kabuli_scaffold	125997	[A/G]	1067305616
Ca_Kabuli_NW_004517264.1_126006	Ca_kabuli_scaffold	126006	[T/C]	1067305617
Ca_Kabuli_NW_004517264.1_126011	Ca_kabuli_scaffold	126011	[T/A]	1067305618
Ca_Kabuli_NW_004517303.1_185	Ca_kabuli_scaffold	185	[C/A]	1067305619
Ca_Kabuli_NW_004517303.1_50671	Ca_kabuli_scaffold	50671	[A/G]	1067305620
Ca_Kabuli_NW_004517303.1_50680	Ca_kabuli_scaffold	50680	[A/C]	1067305621
Ca_Kabuli_NW_004517303.1_50701	Ca_kabuli_scaffold	50701	[T/A]	1067305622
Ca_Kabuli_NW_004517303.1_50704	Ca_kabuli_scaffold	50704	[A/T]	1067305623
Ca_Kabuli_NW_004517303.1_50707	Ca_kabuli_scaffold	50707	[G/A]	1067305624
Ca_Kabuli_NW_004517303.1_50722	Ca_kabuli_scaffold	50722	[A/G]	1067305625
Ca_Kabuli_NW_004517306.1_55438	Ca_kabuli_scaffold	55438	[G/T]	1067305626
Ca_Kabuli_NW_004517306.1_55455	Ca_kabuli_scaffold	55455	[A/C]	1067305627
Ca_Kabuli_NW_004517306.1_65551	Ca_kabuli_scaffold	65551	[T/C]	1067305628
Ca_Kabuli_NW_004517306.1_83254	Ca_kabuli_scaffold	83254	[T/G]	1067305629
Ca_Kabuli_NW_004517320.1_132563	Ca_kabuli_scaffold	132563	[A/C]	1067305630



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004517320.1_132564	Ca_kabuli_scaffold	132564	[G/T]	1067305631
Ca_Kabuli_NW_004517320.1_132568	Ca_kabuli_scaffold	132568	[G/C]	1067305632
Ca_Kabuli_NW_004517320.1_132569	Ca_kabuli_scaffold	132569	[G/A]	1067305633
Ca_Kabuli_NW_004517327.1_124871	Ca_kabuli_scaffold	124871	[A/C]	1067305634
Ca_Kabuli_NW_004517327.1_222808	Ca_kabuli_scaffold	222808	[T/A]	1067305635
Ca_Kabuli_NW_004517327.1_222846	Ca_kabuli_scaffold	222846	[G/A]	1067305636
Ca_Kabuli_NW_004517334.1_30844	Ca_kabuli_scaffold	30844	[G/C]	1067305637
Ca_Kabuli_NW_004517339.1_63215	Ca_kabuli_scaffold	63215	[A/C]	1067305638
Ca_Kabuli_NW_004517339.1_271529	Ca_kabuli_scaffold	271529	[A/C]	1067305639
Ca_Kabuli_NW_004517339.1_321631	Ca_kabuli_scaffold	321631	[A/C]	1067305640
Ca_Kabuli_NW_004517339.1_321637	Ca_kabuli_scaffold	321637	[T/C]	1067305641
Ca_Kabuli_NW_004517341.1_3923	Ca_kabuli_scaffold	3923	[T/C]	1067305642
Ca_Kabuli_NW_004517341.1_3936	Ca_kabuli_scaffold	3936	[A/G]	1067305643
Ca_Kabuli_NW_004517352.1_63722	Ca_kabuli_scaffold	63722	[A/C]	1067305644
Ca_Kabuli_NW_004517356.1_30492	Ca_kabuli_scaffold	30492	[T/A]	1067305645
Ca_Kabuli_NW_004517356.1_30494	Ca_kabuli_scaffold	30494	[A/T]	1067305646
Ca_Kabuli_NW_004517356.1_30529	Ca_kabuli_scaffold	30529	[T/C]	1067305647
Ca_Kabuli_NW_004517356.1_30540	Ca_kabuli_scaffold	30540	[A/G]	1067305648
Ca_Kabuli_NW_004517356.1_33370	Ca_kabuli_scaffold	33370	[A/T]	1067305649
Ca_Kabuli_NW_004517356.1_33413	Ca_kabuli_scaffold	33413	[T/A]	1067305650
Ca_Kabuli_NW_004517356.1_340785	Ca_kabuli_scaffold	340785	[A/G]	1067305651
Ca_Kabuli_NW_004517356.1_340797	Ca_kabuli_scaffold	340797	[T/C]	1067305652
Ca_Kabuli_NW_004517356.1_340801	Ca_kabuli_scaffold	340801	[A/G]	1067305653
Ca_Kabuli_NW_004517356.1_340803	Ca_kabuli_scaffold	340803	[T/G]	1067305654
Ca_Kabuli_NW_004517356.1_340815	Ca_kabuli_scaffold	340815	[T/A]	1067305655
Ca_Kabuli_NW_004517402.1_28507	Ca_kabuli_scaffold	28507	[A/G]	1067305656
Ca_Kabuli_NW_004517402.1_28529	Ca_kabuli_scaffold	28529	[A/C]	1067305657
Ca_Kabuli_NW_004517402.1_28547	Ca_kabuli_scaffold	28547	[G/A]	1067305658
Ca_Kabuli_NW_004517443.1_41511	Ca_kabuli_scaffold	41511	[T/C]	1067305659
Ca_Kabuli_NW_004517447.1_67840	Ca_kabuli_scaffold	67840	[T/G]	1067305660
Ca_Kabuli_NW_004517457.1_37063	Ca_kabuli_scaffold	37063	[T/A]	1067305661
Ca_Kabuli_NW_004517481.1_58079	Ca_kabuli_scaffold	58079	[T/G]	1067305662
Ca_Kabuli_NW_004517481.1_58106	Ca_kabuli_scaffold	58106	[A/C]	1067305663
Ca_Kabuli_NW_004517481.1_88514	Ca_kabuli_scaffold	88514	[A/G]	1067305664

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004517481.1_88521	Ca_kabuli_scaffold	88521	[A/G]	1067305665
Ca_Kabuli_NW_004517481.1_88522	Ca_kabuli_scaffold	88522	[G/A]	1067305666
Ca_Kabuli_NW_004517487.1_58701	Ca_kabuli_scaffold	58701	[A/G]	1067305667
Ca_Kabuli_NW_004517487.1_58707	Ca_kabuli_scaffold	58707	[T/G]	1067305668
Ca_Kabuli_NW_004517487.1_58714	Ca_kabuli_scaffold	58714	[T/G]	1067305669
Ca_Kabuli_NW_004517487.1_58750	Ca_kabuli_scaffold	58750	[T/G]	1067305670
Ca_Kabuli_NW_004517487.1_60138	Ca_kabuli_scaffold	60138	[T/G]	1067305671
Ca_Kabuli_NW_004517487.1_60164	Ca_kabuli_scaffold	60164	[T/G]	1067305672
Ca_Kabuli_NW_004517487.1_101197	Ca_kabuli_scaffold	101197	[A/C]	1067305673
Ca_Kabuli_NW_004517487.1_129934	Ca_kabuli_scaffold	129934	[C/A]	1067305674
Ca_Kabuli_NW_004517487.1_129937	Ca_kabuli_scaffold	129937	[G/C]	1067305675
Ca_Kabuli_NW_004517487.1_129944	Ca_kabuli_scaffold	129944	[T/C]	1067305676
Ca_Kabuli_NW_004517487.1_129950	Ca_kabuli_scaffold	129950	[T/C]	1067305677
Ca_Kabuli_NW_004517487.1_129952	Ca_kabuli_scaffold	129952	[T/G]	1067305678
Ca_Kabuli_NW_004517487.1_129956	Ca_kabuli_scaffold	129956	[T/A]	1067305679
Ca_Kabuli_NW_004517487.1_129963	Ca_kabuli_scaffold	129963	[C/G]	1067305680
Ca_Kabuli_NW_004517520.1_175212	Ca_kabuli_scaffold	175212	[A/G]	1067305681
Ca_Kabuli_NW_004517520.1_463271	Ca_kabuli_scaffold	463271	[T/C]	1067305682
Ca_Kabuli_NW_004517520.1_482352	Ca_kabuli_scaffold	482352	[T/A]	1067305683
Ca_Kabuli_NW_004517520.1_482401	Ca_kabuli_scaffold	482401	[A/C]	1067305684
Ca_Kabuli_NW_004517591.1_180056	Ca_kabuli_scaffold	180056	[A/C]	1067305685
Ca_Kabuli_NW_004517591.1_180060	Ca_kabuli_scaffold	180060	[A/T]	1067305686
Ca_Kabuli_NW_004517592.1_75477	Ca_kabuli_scaffold	75477	[T/G]	1067305687
Ca_Kabuli_NW_004517592.1_75546	Ca_kabuli_scaffold	75546	[T/G]	1067305688
Ca_Kabuli_NW_004517592.1_75593	Ca_kabuli_scaffold	75593	[T/G]	1067305689
Ca_Kabuli_NW_004517592.1_75598	Ca_kabuli_scaffold	75598	[T/G]	1067305690
Ca_Kabuli_NW_004517592.1_75616	Ca_kabuli_scaffold	75616	[T/G]	1067305691
Ca_Kabuli_NW_004517597.1_966	Ca_kabuli_scaffold	966	[A/C]	1067305692
Ca_Kabuli_NW_004517597.1_1172	Ca_kabuli_scaffold	1172	[T/C]	1067305693
Ca_Kabuli_NW_004517624.1_21347	Ca_kabuli_scaffold	21347	[A/C]	1067305694
Ca_Kabuli_NW_004517624.1_24466	Ca_kabuli_scaffold	24466	[T/G]	1067305695
Ca_Kabuli_NW_004517624.1_30420	Ca_kabuli_scaffold	30420	[A/G]	1067305696
Ca_Kabuli_NW_004517624.1_42786	Ca_kabuli_scaffold	42786	[A/G]	1067305697
Ca_Kabuli_NW_004517624.1_43325	Ca_kabuli_scaffold	43325	[A/G]	1067305698

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004517624.1_49533	Ca_kabuli_scaffold	49533	[T/A]	1067305699
Ca_Kabuli_NW_004517624.1_49622	Ca_kabuli_scaffold	49622	[T/G]	1067305700
Ca_Kabuli_NW_004517624.1_49700	Ca_kabuli_scaffold	49700	[G/A]	1067305701
Ca_Kabuli_NW_004517624.1_82199	Ca_kabuli_scaffold	82199	[T/C]	1067305702
Ca_Kabuli_NW_004517624.1_82208	Ca_kabuli_scaffold	82208	[T/C]	1067305703
Ca_Kabuli_NW_004517624.1_82266	Ca_kabuli_scaffold	82266	[A/C]	1067305704
Ca_Kabuli_NW_004517624.1_82284	Ca_kabuli_scaffold	82284	[A/C]	1067305705
Ca_Kabuli_NW_004517624.1_82319	Ca_kabuli_scaffold	82319	[T/C]	1067305706
Ca_Kabuli_NW_004517624.1_82328	Ca_kabuli_scaffold	82328	[A/G]	1067305707
Ca_Kabuli_NW_004517624.1_82342	Ca_kabuli_scaffold	82342	[C/T]	1067305708
Ca_Kabuli_NW_004517624.1_82369	Ca_kabuli_scaffold	82369	[G/A]	1067305709
Ca_Kabuli_NW_004517624.1_82397	Ca_kabuli_scaffold	82397	[T/C]	1067305710
Ca_Kabuli_NW_004517624.1_82417	Ca_kabuli_scaffold	82417	[C/T]	1067305711
Ca_Kabuli_NW_004517624.1_93769	Ca_kabuli_scaffold	93769	[T/C]	1067305712
Ca_Kabuli_NW_004517624.1_94085	Ca_kabuli_scaffold	94085	[C/A]	1067305713
Ca_Kabuli_NW_004517624.1_94245	Ca_kabuli_scaffold	94245	[C/T]	1067305714
Ca_Kabuli_NW_004517624.1_94277	Ca_kabuli_scaffold	94277	[T/C]	1067305715
Ca_Kabuli_NW_004517624.1_96526	Ca_kabuli_scaffold	96526	[T/C]	1067305716
Ca_Kabuli_NW_004517624.1_99364	Ca_kabuli_scaffold	99364	[A/G]	1067305717
Ca_Kabuli_NW_004517624.1_99477	Ca_kabuli_scaffold	99477	[T/A]	1067305718
Ca_Kabuli_NW_004517624.1_99533	Ca_kabuli_scaffold	99533	[T/G]	1067305719
Ca_Kabuli_NW_004517624.1_99544	Ca_kabuli_scaffold	99544	[A/T]	1067305720
Ca_Kabuli_NW_004517624.1_101084	Ca_kabuli_scaffold	101084	[A/C]	1067305721
Ca_Kabuli_NW_004517624.1_101448	Ca_kabuli_scaffold	101448	[A/T]	1067305722
Ca_Kabuli_NW_004517624.1_101490	Ca_kabuli_scaffold	101490	[C/T]	1067305723
Ca_Kabuli_NW_004517624.1_104391	Ca_kabuli_scaffold	104391	[T/G]	1067305724
Ca_Kabuli_NW_004517624.1_104549	Ca_kabuli_scaffold	104549	[C/G]	1067305725
Ca_Kabuli_NW_004517624.1_105126	Ca_kabuli_scaffold	105126	[T/C]	1067305726
Ca_Kabuli_NW_004517624.1_105170	Ca_kabuli_scaffold	105170	[T/C]	1067305727
Ca_Kabuli_NW_004517624.1_106920	Ca_kabuli_scaffold	106920	[T/C]	1067305728
Ca_Kabuli_NW_004517624.1_106936	Ca_kabuli_scaffold	106936	[G/A]	1067305729
Ca_Kabuli_NW_004517624.1_106974	Ca_kabuli_scaffold	106974	[T/C]	1067305730
Ca_Kabuli_NW_004517624.1_107087	Ca_kabuli_scaffold	107087	[G/A]	1067305731
Ca_Kabuli_NW_004517624.1_107311	Ca_kabuli_scaffold	107311	[A/T]	1067305732

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004517624.1_107314	Ca_kabuli_scaffold	107314	[A/C]	1067305733
Ca_Kabuli_NW_004517624.1_107325	Ca_kabuli_scaffold	107325	[A/G]	1067305734
Ca_Kabuli_NW_004517624.1_107345	Ca_kabuli_scaffold	107345	[T/G]	1067305735
Ca_Kabuli_NW_004517624.1_107347	Ca_kabuli_scaffold	107347	[G/T]	1067305736
Ca_Kabuli_NW_004517624.1_107355	Ca_kabuli_scaffold	107355	[G/A]	1067305737
Ca_Kabuli_NW_004517624.1_107376	Ca_kabuli_scaffold	107376	[C/T]	1067305738
Ca_Kabuli_NW_004517624.1_107413	Ca_kabuli_scaffold	107413	[A/G]	1067305739
Ca_Kabuli_NW_004517624.1_107437	Ca_kabuli_scaffold	107437	[T/C]	1067305740
Ca_Kabuli_NW_004517624.1_107486	Ca_kabuli_scaffold	107486	[T/C]	1067305741
Ca_Kabuli_NW_004517624.1_107488	Ca_kabuli_scaffold	107488	[T/C]	1067305742
Ca_Kabuli_NW_004517624.1_108560	Ca_kabuli_scaffold	108560	[T/G]	1067305743
Ca_Kabuli_NW_004517624.1_108599	Ca_kabuli_scaffold	108599	[T/A]	1067305744
Ca_Kabuli_NW_004517624.1_108763	Ca_kabuli_scaffold	108763	[T/G]	1067305745
Ca_Kabuli_NW_004517624.1_112346	Ca_kabuli_scaffold	112346	[T/C]	1067305746
Ca_Kabuli_NW_004517624.1_112359	Ca_kabuli_scaffold	112359	[T/G]	1067305747
Ca_Kabuli_NW_004517624.1_112382	Ca_kabuli_scaffold	112382	[A/C]	1067305748
Ca_Kabuli_NW_004517624.1_112836	Ca_kabuli_scaffold	112836	[C/T]	1067305749
Ca_Kabuli_NW_004517624.1_125716	Ca_kabuli_scaffold	125716	[T/C]	1067305750
Ca_Kabuli_NW_004517624.1_128027	Ca_kabuli_scaffold	128027	[G/A]	1067305751
Ca_Kabuli_NW_004517624.1_133462	Ca_kabuli_scaffold	133462	[G/A]	1067305752
Ca_Kabuli_NW_004517718.1_56358	Ca_kabuli_scaffold	56358	[T/G]	1067305753
Ca_Kabuli_NW_004517746.1_248	Ca_kabuli_scaffold	248	[A/G]	1067305754
Ca_Kabuli_NW_004517746.1_253	Ca_kabuli_scaffold	253	[C/T]	1067305755
Ca_Kabuli_NW_004517746.1_272	Ca_kabuli_scaffold	272	[C/T]	1067305756
Ca_Kabuli_NW_004517766.1_33631	Ca_kabuli_scaffold	33631	[A/G]	1067305757
Ca_Kabuli_NW_004517766.1_33632	Ca_kabuli_scaffold	33632	[G/T]	1067305758
Ca_Kabuli_NW_004517766.1_33655	Ca_kabuli_scaffold	33655	[A/G]	1067305759
Ca_Kabuli_NW_004517767.1_77	Ca_kabuli_scaffold	77	[G/C]	1067305760
Ca_Kabuli_NW_004517767.1_88	Ca_kabuli_scaffold	88	[C/T]	1067305761
Ca_Kabuli_NW_004517767.1_119	Ca_kabuli_scaffold	119	[A/T]	1067305762
Ca_Kabuli_NW_004517767.1_129	Ca_kabuli_scaffold	129	[C/G]	1067305763
Ca_Kabuli_NW_004517773.1_7348	Ca_kabuli_scaffold	7348	[G/A]	1067305764
Ca_Kabuli_NW_004517773.1_7364	Ca_kabuli_scaffold	7364	[C/A]	1067305765
Ca_Kabuli_NW_004517773.1_7377	Ca_kabuli_scaffold	7377	[A/G]	1067305766

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004517815.1_21636	Ca_kabuli_scaffold	21636	[A/C]	1067305767
Ca_Kabuli_NW_004517815.1_33530	Ca_kabuli_scaffold	33530	[G/T]	1067305768
Ca_Kabuli_NW_004517815.1_33532	Ca_kabuli_scaffold	33532	[C/A]	1067305769
Ca_Kabuli_NW_004517815.1_64310	Ca_kabuli_scaffold	64310	[T/G]	1067305770
Ca_Kabuli_NW_004517815.1_64316	Ca_kabuli_scaffold	64316	[T/A]	1067305771
Ca_Kabuli_NW_004517903.1_75955	Ca_kabuli_scaffold	75955	[C/T]	1067305772
Ca_Kabuli_NW_004517917.1_888	Ca_kabuli_scaffold	888	[C/G]	1067305773
Ca_Kabuli_NW_004517917.1_896	Ca_kabuli_scaffold	896	[G/T]	1067305774
Ca_Kabuli_NW_004517917.1_904	Ca_kabuli_scaffold	904	[A/T]	1067305775
Ca_Kabuli_NW_004517929.1_77463	Ca_kabuli_scaffold	77463	[T/C]	1067305776
Ca_Kabuli_NW_004517929.1_146047	Ca_kabuli_scaffold	146047	[T/C]	1067305777
Ca_Kabuli_NW_004517976.1_947	Ca_kabuli_scaffold	947	[C/T]	1067305778
Ca_Kabuli_NW_004517976.1_961	Ca_kabuli_scaffold	961	[C/T]	1067305779
Ca_Kabuli_NW_004517976.1_977	Ca_kabuli_scaffold	977	[C/A]	1067305780
Ca_Kabuli_NW_004517998.1_28221	Ca_kabuli_scaffold	28221	[A/G]	1067305781
Ca_Kabuli_NW_004517998.1_28231	Ca_kabuli_scaffold	28231	[A/G]	1067305782
Ca_Kabuli_NW_004517998.1_28240	Ca_kabuli_scaffold	28240	[A/C]	1067305783
Ca_Kabuli_NW_004517998.1_46413	Ca_kabuli_scaffold	46413	[T/G]	1067305784
Ca_Kabuli_NW_004517998.1_186175	Ca_kabuli_scaffold	186175	[T/A]	1067305785
Ca_Kabuli_NW_004517998.1_186185	Ca_kabuli_scaffold	186185	[A/G]	1067305786
Ca_Kabuli_NW_004517998.1_186189	Ca_kabuli_scaffold	186189	[T/G]	1067305787
Ca_Kabuli_NW_004517998.1_249521	Ca_kabuli_scaffold	249521	[A/T]	1067305788
Ca_Kabuli_NW_004518044.1_17930	Ca_kabuli_scaffold	17930	[T/G]	1067305789
Ca_Kabuli_NW_004518104.1_38566	Ca_kabuli_scaffold	38566	[T/G]	1067305790
Ca_Kabuli_NW_004518104.1_60525	Ca_kabuli_scaffold	60525	[T/C]	1067305791
Ca_Kabuli_NW_004518104.1_60545	Ca_kabuli_scaffold	60545	[T/C]	1067305792
Ca_Kabuli_NW_004518104.1_62768	Ca_kabuli_scaffold	62768	[G/A]	1067305793
Ca_Kabuli_NW_004518104.1_106137	Ca_kabuli_scaffold	106137	[G/A]	1067305794
Ca_Kabuli_NW_004518104.1_106142	Ca_kabuli_scaffold	106142	[C/T]	1067305795
Ca_Kabuli_NW_004518104.1_106174	Ca_kabuli_scaffold	106174	[A/T]	1067305796
Ca_Kabuli_NW_004518104.1_106187	Ca_kabuli_scaffold	106187	[A/T]	1067305797
Ca_Kabuli_NW_004518120.1_93003	Ca_kabuli_scaffold	93003	[A/G]	1067305798
Ca_Kabuli_NW_004518183.1_2902	Ca_kabuli_scaffold	2902	[T/G]	1067305799
Ca_Kabuli_NW_004518201.1_1431	Ca_kabuli_scaffold	1431	[G/A]	1067305800

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004518201.1_1550	Ca_kabuli_scaffold	1550	[T/G]	1067305801
Ca_Kabuli_NW_004518237.1_1651	Ca_kabuli_scaffold	1651	[G/A]	1067305802
Ca_Kabuli_NW_004518354.1_66073	Ca_kabuli_scaffold	66073	[T/C]	1067305803
Ca_Kabuli_NW_004518416.1_5372	Ca_kabuli_scaffold	5372	[G/T]	1067305804
Ca_Kabuli_NW_004518416.1_5385	Ca_kabuli_scaffold	5385	[G/C]	1067305805
Ca_Kabuli_NW_004518445.1_12209	Ca_kabuli_scaffold	12209	[C/G]	1067305806
Ca_Kabuli_NW_004518445.1_12210	Ca_kabuli_scaffold	12210	[C/A]	1067305807
Ca_Kabuli_NW_004518445.1_12212	Ca_kabuli_scaffold	12212	[G/C]	1067305808
Ca_Kabuli_NW_004518445.1_12213	Ca_kabuli_scaffold	12213	[G/T]	1067305809
Ca_Kabuli_NW_004518445.1_65004	Ca_kabuli_scaffold	65004	[G/C]	1067305810
Ca_Kabuli_NW_004518452.1_25070	Ca_kabuli_scaffold	25070	[C/T]	1067305811
Ca_Kabuli_NW_004518483.1_7314	Ca_kabuli_scaffold	7314	[T/C]	1067305812
Ca_Kabuli_NW_004518485.1_2222	Ca_kabuli_scaffold	2222	[A/G]	1067305813
Ca_Kabuli_NW_004518498.1_17198	Ca_kabuli_scaffold	17198	[C/T]	1067305814
Ca_Kabuli_NW_004518498.1_17199	Ca_kabuli_scaffold	17199	[A/G]	1067305815
Ca_Kabuli_NW_004518508.1_1192	Ca_kabuli_scaffold	1192	[G/C]	1067305816
Ca_Kabuli_NW_004518508.1_1194	Ca_kabuli_scaffold	1194	[A/T]	1067305817
Ca_Kabuli_NW_004518508.1_1196	Ca_kabuli_scaffold	1196	[C/T]	1067305818
Ca_Kabuli_NW_004518508.1_1198	Ca_kabuli_scaffold	1198	[C/G]	1067305819
Ca_Kabuli_NW_004518508.1_1201	Ca_kabuli_scaffold	1201	[G/T]	1067305820
Ca_Kabuli_NW_004518508.1_1206	Ca_kabuli_scaffold	1206	[A/C]	1067305821
Ca_Kabuli_NW_004518508.1_1208	Ca_kabuli_scaffold	1208	[A/G]	1067305822
Ca_Kabuli_NW_004518508.1_1214	Ca_kabuli_scaffold	1214	[G/C]	1067305823
Ca_Kabuli_NW_004518508.1_3349	Ca_kabuli_scaffold	3349	[T/G]	1067305824
Ca_Kabuli_NW_004518508.1_3694	Ca_kabuli_scaffold	3694	[A/T]	1067305825
Ca_Kabuli_NW_004518508.1_3716	Ca_kabuli_scaffold	3716	[A/G]	1067305826
Ca_Kabuli_NW_004518508.1_3751	Ca_kabuli_scaffold	3751	[T/A]	1067305827
Ca_Kabuli_NW_004518508.1_3752	Ca_kabuli_scaffold	3752	[G/T]	1067305828
Ca_Kabuli_NW_004518508.1_3753	Ca_kabuli_scaffold	3753	[A/C]	1067305829
Ca_Kabuli_NW_004518508.1_3754	Ca_kabuli_scaffold	3754	[G/T]	1067305830
Ca_Kabuli_NW_004518508.1_3806	Ca_kabuli_scaffold	3806	[C/G]	1067305831
Ca_Kabuli_NW_004518508.1_3807	Ca_kabuli_scaffold	3807	[T/A]	1067305832
Ca_Kabuli_NW_004518508.1_3808	Ca_kabuli_scaffold	3808	[G/T]	1067305833
Ca_Kabuli_NW_004518508.1_3809	Ca_kabuli_scaffold	3809	[T/C]	1067305834

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004518508.1_3810	Ca_kabuli_scaffold	3810	[G/T]	1067305835
Ca_Kabuli_NW_004518508.1_4630	Ca_kabuli_scaffold	4630	[T/G]	1067305836
Ca_Kabuli_NW_004518508.1_6749	Ca_kabuli_scaffold	6749	[A/G]	1067305837
Ca_Kabuli_NW_004518508.1_6776	Ca_kabuli_scaffold	6776	[A/G]	1067305838
Ca_Kabuli_NW_004518508.1_6791	Ca_kabuli_scaffold	6791	[T/A]	1067305839
Ca_Kabuli_NW_004518508.1_6802	Ca_kabuli_scaffold	6802	[G/A]	1067305840
Ca_Kabuli_NW_004518508.1_7058	Ca_kabuli_scaffold	7058	[A/G]	1067305841
Ca_Kabuli_NW_004518508.1_7062	Ca_kabuli_scaffold	7062	[C/T]	1067305842
Ca_Kabuli_NW_004518508.1_7068	Ca_kabuli_scaffold	7068	[T/C]	1067305843
Ca_Kabuli_NW_004518508.1_7088	Ca_kabuli_scaffold	7088	[A/G]	1067305844
Ca_Kabuli_NW_004518508.1_7310	Ca_kabuli_scaffold	7310	[T/G]	1067305845
Ca_Kabuli_NW_004518508.1_7345	Ca_kabuli_scaffold	7345	[G/A]	1067305846
Ca_Kabuli_NW_004518508.1_7346	Ca_kabuli_scaffold	7346	[C/T]	1067305847
Ca_Kabuli_NW_004518508.1_7347	Ca_kabuli_scaffold	7347	[G/A]	1067305848
Ca_Kabuli_NW_004518508.1_7367	Ca_kabuli_scaffold	7367	[T/C]	1067305849
Ca_Kabuli_NW_004518508.1_7375	Ca_kabuli_scaffold	7375	[A/C]	1067305850
Ca_Kabuli_NW_004518508.1_7378	Ca_kabuli_scaffold	7378	[T/C]	1067305851
Ca_Kabuli_NW_004518508.1_11968	Ca_kabuli_scaffold	11968	[C/A]	1067305852
Ca_Kabuli_NW_004518508.1_12034	Ca_kabuli_scaffold	12034	[T/C]	1067305853
Ca_Kabuli_NW_004518508.1_12063	Ca_kabuli_scaffold	12063	[T/G]	1067305854
Ca_Kabuli_NW_004518508.1_12218	Ca_kabuli_scaffold	12218	[A/C]	1067305855
Ca_Kabuli_NW_004518508.1_12231	Ca_kabuli_scaffold	12231	[A/T]	1067305856
Ca_Kabuli_NW_004518508.1_13773	Ca_kabuli_scaffold	13773	[C/T]	1067305857
Ca_Kabuli_NW_004518508.1_13810	Ca_kabuli_scaffold	13810	[G/T]	1067305858
Ca_Kabuli_NW_004518508.1_13811	Ca_kabuli_scaffold	13811	[C/T]	1067305859
Ca_Kabuli_NW_004518508.1_15064	Ca_kabuli_scaffold	15064	[T/G]	1067305860
Ca_Kabuli_NW_004518508.1_15067	Ca_kabuli_scaffold	15067	[T/G]	1067305861
Ca_Kabuli_NW_004518508.1_16936	Ca_kabuli_scaffold	16936	[G/A]	1067305862
Ca_Kabuli_NW_004518508.1_16937	Ca_kabuli_scaffold	16937	[C/A]	1067305863
Ca_Kabuli_NW_004518508.1_16938	Ca_kabuli_scaffold	16938	[C/T]	1067305864
Ca_Kabuli_NW_004518558.1_96007	Ca_kabuli_scaffold	96007	[A/G]	1067305865
Ca_Kabuli_NW_004518558.1_96223	Ca_kabuli_scaffold	96223	[C/G]	1067305866
Ca_Kabuli_NW_004518558.1_148921	Ca_kabuli_scaffold	148921	[A/C]	1067305867
Ca_Kabuli_NW_004518579.1_33391	Ca_kabuli_scaffold	33391	[T/A]	1067305868

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004518589.1_16508	Ca_kabuli_scaffold	16508	[T/G]	1067305869
Ca_Kabuli_NW_004518682.1_13135	Ca_kabuli_scaffold	13135	[C/T]	1067305870
Ca_Kabuli_NW_004518682.1_13153	Ca_kabuli_scaffold	13153	[T/A]	1067305871
Ca_Kabuli_NW_004518682.1_13169	Ca_kabuli_scaffold	13169	[A/C]	1067305872
Ca_Kabuli_NW_004518682.1_13180	Ca_kabuli_scaffold	13180	[T/C]	1067305873
Ca_Kabuli_NW_004518704.1_53441	Ca_kabuli_scaffold	53441	[C/A]	1067305874
Ca_Kabuli_NW_004518704.1_53448	Ca_kabuli_scaffold	53448	[T/C]	1067305875
Ca_Kabuli_NW_004518732.1_7222	Ca_kabuli_scaffold	7222	[A/C]	1067305876
Ca_Kabuli_NW_004518732.1_7237	Ca_kabuli_scaffold	7237	[C/A]	1067305877
Ca_Kabuli_NW_004518732.1_7251	Ca_kabuli_scaffold	7251	[A/G]	1067305878
Ca_Kabuli_NW_004518732.1_7255	Ca_kabuli_scaffold	7255	[T/A]	1067305879
Ca_Kabuli_NW_004518732.1_10304	Ca_kabuli_scaffold	10304	[A/T]	1067305880
Ca_Kabuli_NW_004518830.1_276	Ca_kabuli_scaffold	276	[C/T]	1067305881
Ca_Kabuli_NW_004518856.1_36723	Ca_kabuli_scaffold	36723	[T/A]	1067305882
Ca_Kabuli_NW_004518856.1_36727	Ca_kabuli_scaffold	36727	[A/G]	1067305883
Ca_Kabuli_NW_004518897.1_23636	Ca_kabuli_scaffold	23636	[A/G]	1067305884
Ca_Kabuli_NW_004519037.1_1026	Ca_kabuli_scaffold	1026	[C/A]	1067305885
Ca_Kabuli_NW_004519077.1_16211	Ca_kabuli_scaffold	16211	[T/G]	1067305886
Ca_Kabuli_NW_004519077.1_55292	Ca_kabuli_scaffold	55292	[T/A]	1067305887
Ca_Kabuli_NW_004519077.1_55347	Ca_kabuli_scaffold	55347	[T/G]	1067305888
Ca_Kabuli_NW_004519077.1_64377	Ca_kabuli_scaffold	64377	[A/C]	1067305889
Ca_Kabuli_NW_004519077.1_71640	Ca_kabuli_scaffold	71640	[T/A]	1067305890
Ca_Kabuli_NW_004519077.1_72655	Ca_kabuli_scaffold	72655	[A/C]	1067305891
Ca_Kabuli_NW_004519077.1_106016	Ca_kabuli_scaffold	106016	[A/G]	1067305892
Ca_Kabuli_NW_004519077.1_111989	Ca_kabuli_scaffold	111989	[T/A]	1067305893
Ca_Kabuli_NW_004519081.1_1404	Ca_kabuli_scaffold	1404	[C/A]	1067305894
Ca_Kabuli_NW_004519117.1_6666	Ca_kabuli_scaffold	6666	[C/G]	1067305895
Ca_Kabuli_NW_004519117.1_6693	Ca_kabuli_scaffold	6693	[T/C]	1067305896
Ca_Kabuli_NW_004519117.1_6722	Ca_kabuli_scaffold	6722	[A/C]	1067305897
Ca_Kabuli_NW_004519117.1_6736	Ca_kabuli_scaffold	6736	[G/A]	1067305898
Ca_Kabuli_NW_004519365.1_5908	Ca_kabuli_scaffold	5908	[T/C]	1067305899
Ca_Kabuli_NW_004519449.1_1115	Ca_kabuli_scaffold	1115	[A/T]	1067305900
Ca_Kabuli_NW_004519694.1_15766	Ca_kabuli_scaffold	15766	[T/G]	1067305901
Ca_Kabuli_NW_004519694.1_36309	Ca_kabuli_scaffold	36309	[T/G]	1067305902



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004519694.1_36336	Ca_kabuli_scaffold	36336	[T/G]	1067305903
Ca_Kabuli_NW_004519694.1_36338	Ca_kabuli_scaffold	36338	[T/G]	1067305904
Ca_Kabuli_NW_004519694.1_36368	Ca_kabuli_scaffold	36368	[A/G]	1067305905
Ca_Kabuli_NW_004519745.1_65184	Ca_kabuli_scaffold	65184	[A/G]	1067305906
Ca_Kabuli_NW_004519745.1_65186	Ca_kabuli_scaffold	65186	[T/G]	1067305907
Ca_Kabuli_NW_004519745.1_65198	Ca_kabuli_scaffold	65198	[C/T]	1067305908
Ca_Kabuli_NW_004519745.1_86405	Ca_kabuli_scaffold	86405	[T/G]	1067305909
Ca_Kabuli_NW_004519745.1_86597	Ca_kabuli_scaffold	86597	[A/T]	1067305910
Ca_Kabuli_NW_004519863.1_1146	Ca_kabuli_scaffold	1146	[T/G]	1067305911
Ca_Kabuli_NW_004519863.1_1165	Ca_kabuli_scaffold	1165	[T/C]	1067305912
Ca_Kabuli_NW_004519863.1_1205	Ca_kabuli_scaffold	1205	[T/C]	1067305913
Ca_Kabuli_NW_004519863.1_1214	Ca_kabuli_scaffold	1214	[A/G]	1067305914
Ca_Kabuli_NW_004519863.1_1218	Ca_kabuli_scaffold	1218	[T/C]	1067305915
Ca_Kabuli_NW_004519863.1_1270	Ca_kabuli_scaffold	1270	[C/T]	1067305916
Ca_Kabuli_NW_004519863.1_1284	Ca_kabuli_scaffold	1284	[T/C]	1067305917
Ca_Kabuli_NW_004519863.1_1294	Ca_kabuli_scaffold	1294	[T/C]	1067305918
Ca_Kabuli_NW_004519890.1_697	Ca_kabuli_scaffold	697	[T/C]	1067305919
Ca_Kabuli_NW_004519890.1_725	Ca_kabuli_scaffold	725	[A/C]	1067305920
Ca_Kabuli_NW_004519913.1_8190	Ca_kabuli_scaffold	8190	[T/G]	1067305921
Ca_Kabuli_NW_004519944.1_1007	Ca_kabuli_scaffold	1007	[G/T]	1067305922
Ca_Kabuli_NW_004519944.1_1010	Ca_kabuli_scaffold	1010	[C/T]	1067305923
Ca_Kabuli_NW_004519944.1_1034	Ca_kabuli_scaffold	1034	[C/T]	1067305924
Ca_Kabuli_NW_004519944.1_1038	Ca_kabuli_scaffold	1038	[G/T]	1067305925
Ca_Kabuli_NW_004519971.1_2114	Ca_kabuli_scaffold	2114	[A/T]	1067305926
Ca_Kabuli_NW_004520065.1_542	Ca_kabuli_scaffold	542	[G/A]	1067305927
Ca_Kabuli_NW_004520065.1_567	Ca_kabuli_scaffold	567	[A/T]	1067305928
Ca_Kabuli_NW_004520065.1_576	Ca_kabuli_scaffold	576	[T/C]	1067305929
Ca_Kabuli_NW_004520127.1_6819	Ca_kabuli_scaffold	6819	[A/G]	1067305930
Ca_Kabuli_NW_004520127.1_25710	Ca_kabuli_scaffold	25710	[T/G]	1067305931
Ca_Kabuli_NW_004520127.1_25740	Ca_kabuli_scaffold	25740	[A/C]	1067305932
Ca_Kabuli_NW_004520466.1_195	Ca_kabuli_scaffold	195	[C/T]	1067305933
Ca_Kabuli_NW_004520497.1_23645	Ca_kabuli_scaffold	23645	[T/A]	1067305934
Ca_Kabuli_NW_004520497.1_23661	Ca_kabuli_scaffold	23661	[T/G]	1067305935
Ca_Kabuli_NW_004520497.1_23694	Ca_kabuli_scaffold	23694	[A/G]	1067305936

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
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Ca_Kabuli_NW_004520747.1_1686	Ca_kabuli_scaffold	1686	[G/C]	1067305938
Ca_Kabuli_NW_004520754.1_9558	Ca_kabuli_scaffold	9558	[A/G]	1067305939
Ca_Kabuli_NW_004520754.1_9563	Ca_kabuli_scaffold	9563	[A/G]	1067305940
Ca_Kabuli_NW_004520942.1_503	Ca_kabuli_scaffold	503	[C/T]	1067305941
Ca_Kabuli_NW_004520942.1_549	Ca_kabuli_scaffold	549	[G/A]	1067305942
Ca_Kabuli_NW_004520987.1_2577	Ca_kabuli_scaffold	2577	[T/A]	1067305943
Ca_Kabuli_NW_004520987.1_2579	Ca_kabuli_scaffold	2579	[C/T]	1067305944
Ca_Kabuli_NW_004520987.1_2583	Ca_kabuli_scaffold	2583	[C/G]	1067305945
Ca_Kabuli_NW_004520987.1_2625	Ca_kabuli_scaffold	2625	[G/A]	1067305946
Ca_Kabuli_NW_004520988.1_695	Ca_kabuli_scaffold	695	[C/A]	1067305947
Ca_Kabuli_NW_004520988.1_707	Ca_kabuli_scaffold	707	[G/A]	1067305948
Ca_Kabuli_NW_004521072.1_3305	Ca_kabuli_scaffold	3305	[C/T]	1067305949
Ca_Kabuli_NW_004521105.1_287	Ca_kabuli_scaffold	287	[A/G]	1067305950
Ca_Kabuli_NW_004521105.1_323	Ca_kabuli_scaffold	323	[G/T]	1067305951
Ca_Kabuli_NW_004521184.1_6564	Ca_kabuli_scaffold	6564	[G/A]	1067305952
Ca_Kabuli_NW_004521184.1_21590	Ca_kabuli_scaffold	21590	[T/C]	1067305953
Ca_Kabuli_NW_004521184.1_21592	Ca_kabuli_scaffold	21592	[G/T]	1067305954
Ca_Kabuli_NW_004521184.1_21624	Ca_kabuli_scaffold	21624	[G/A]	1067305955
Ca_Kabuli_NW_004521184.1_21649	Ca_kabuli_scaffold	21649	[T/C]	1067305956
Ca_Kabuli_NW_004521204.1_938	Ca_kabuli_scaffold	938	[G/C]	1067305957
Ca_Kabuli_NW_004521340.1_1592	Ca_kabuli_scaffold	1592	[G/A]	1067305958
Ca_Kabuli_NW_004521363.1_4415	Ca_kabuli_scaffold	4415	[A/G]	1067305959
Ca_Kabuli_NW_004521393.1_2056	Ca_kabuli_scaffold	2056	[A/T]	1067305960
Ca_Kabuli_NW_004521407.1_761	Ca_kabuli_scaffold	761	[G/T]	1067305961
Ca_Kabuli_NW_004521407.1_763	Ca_kabuli_scaffold	763	[G/A]	1067305962
Ca_Kabuli_NW_004521679.1_1167	Ca_kabuli_scaffold	1167	[C/T]	1067305963
Ca_Kabuli_NW_004521679.1_1205	Ca_kabuli_scaffold	1205	[A/G]	1067305964
Ca_Kabuli_NW_004521839.1_402	Ca_kabuli_scaffold	402	[G/A]	1067305965
Ca_Kabuli_NW_004521839.1_575	Ca_kabuli_scaffold	575	[C/T]	1067305966
Ca_Kabuli_NW_004521839.1_595	Ca_kabuli_scaffold	595	[T/A]	1067305967
Ca_Kabuli_NW_004521903.1_110	Ca_kabuli_scaffold	110	[T/G]	1067305968
Ca_Kabuli_NW_004521998.1_373	Ca_kabuli_scaffold	373	[T/C]	1067305969
Ca_Kabuli_NW_004521998.1_375	Ca_kabuli_scaffold	375	[G/C]	1067305970

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004521998.1_386	Ca_kabuli_scaffold	386	[G/T]	1067305971
Ca_Kabuli_NW_004521998.1_392	Ca_kabuli_scaffold	392	[T/G]	1067305972
Ca_Kabuli_NW_004521998.1_397	Ca_kabuli_scaffold	397	[G/T]	1067305973
Ca_Kabuli_NW_004521998.1_400	Ca_kabuli_scaffold	400	[C/T]	1067305974
Ca_Kabuli_NW_004521998.1_410	Ca_kabuli_scaffold	410	[A/C]	1067305975
Ca_Kabuli_NW_004521998.1_575	Ca_kabuli_scaffold	575	[A/G]	1067305976
Ca_Kabuli_NW_004522063.1_5406	Ca_kabuli_scaffold	5406	[A/G]	1067305977
Ca_Kabuli_NW_004522064.1_23738	Ca_kabuli_scaffold	23738	[T/G]	1067305978
Ca_Kabuli_NW_004522064.1_23912	Ca_kabuli_scaffold	23912	[T/C]	1067305979
Ca_Kabuli_NW_004522064.1_24906	Ca_kabuli_scaffold	24906	[A/T]	1067305980
Ca_Kabuli_NW_004522064.1_31506	Ca_kabuli_scaffold	31506	[T/A]	1067305981
Ca_Kabuli_NW_004522064.1_31520	Ca_kabuli_scaffold	31520	[T/G]	1067305982
Ca_Kabuli_NW_004522064.1_31785	Ca_kabuli_scaffold	31785	[T/C]	1067305983
Ca_Kabuli_NW_004522064.1_31820	Ca_kabuli_scaffold	31820	[T/C]	1067305984
Ca_Kabuli_NW_004522064.1_31823	Ca_kabuli_scaffold	31823	[A/G]	1067305985
Ca_Kabuli_NW_004522102.1_858	Ca_kabuli_scaffold	858	[A/G]	1067305986
Ca_Kabuli_NW_004522102.1_859	Ca_kabuli_scaffold	859	[C/A]	1067305987
Ca_Kabuli_NW_004522102.1_860	Ca_kabuli_scaffold	860	[G/T]	1067305988
Ca_Kabuli_NW_004522102.1_862	Ca_kabuli_scaffold	862	[G/T]	1067305989
Ca_Kabuli_NW_004522170.1_106	Ca_kabuli_scaffold	106	[T/C]	1067305990
Ca_Kabuli_NW_004522170.1_117	Ca_kabuli_scaffold	117	[T/C]	1067305991
Ca_Kabuli_NW_004522170.1_137	Ca_kabuli_scaffold	137	[A/G]	1067305992
Ca_Kabuli_NW_004522170.1_274	Ca_kabuli_scaffold	274	[T/C]	1067305993
Ca_Kabuli_NW_004522206.1_372	Ca_kabuli_scaffold	372	[T/G]	1067305994
Ca_Kabuli_NW_004522236.1_79	Ca_kabuli_scaffold	79	[T/A]	1067305995
Ca_Kabuli_NW_004522241.1_870	Ca_kabuli_scaffold	870	[A/G]	1067305996
Ca_Kabuli_NW_004522315.1_41	Ca_kabuli_scaffold	41	[A/C]	1067305997
Ca_Kabuli_NW_004522315.1_67	Ca_kabuli_scaffold	67	[A/T]	1067305998
Ca_Kabuli_NW_004522315.1_269	Ca_kabuli_scaffold	269	[T/G]	1067305999
Ca_Kabuli_NW_004522315.1_874	Ca_kabuli_scaffold	874	[T/A]	1067306000
Ca_Kabuli_NW_004522315.1_881	Ca_kabuli_scaffold	881	[T/C]	1067306001
Ca_Kabuli_NW_004522315.1_896	Ca_kabuli_scaffold	896	[C/A]	1067306002
Ca_Kabuli_NW_004522315.1_897	Ca_kabuli_scaffold	897	[C/G]	1067306003
Ca_Kabuli_NW_004522315.1_898	Ca_kabuli_scaffold	898	[T/A]	1067306004

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004522315.1_899	Ca_kabuli_scaffold	899	[A/T]	1067306005
Ca_Kabuli_NW_004522315.1_1242	Ca_kabuli_scaffold	1242	[A/G]	1067306006
Ca_Kabuli_NW_004522315.1_1257	Ca_kabuli_scaffold	1257	[A/C]	1067306007
Ca_Kabuli_NW_004522315.1_1261	Ca_kabuli_scaffold	1261	[T/C]	1067306008
Ca_Kabuli_NW_004522315.1_1267	Ca_kabuli_scaffold	1267	[A/C]	1067306009
Ca_Kabuli_NW_004522325.1_616	Ca_kabuli_scaffold	616	[G/T]	1067306010
Ca_Kabuli_NW_004522325.1_618	Ca_kabuli_scaffold	618	[A/G]	1067306011
Ca_Kabuli_NW_004522394.1_1080	Ca_kabuli_scaffold	1080	[A/T]	1067306012
Ca_Kabuli_NW_004522394.1_1122	Ca_kabuli_scaffold	1122	[A/G]	1067306013
Ca_Kabuli_NW_004522394.1_1137	Ca_kabuli_scaffold	1137	[T/C]	1067306014
Ca_Kabuli_NW_004522394.1_1174	Ca_kabuli_scaffold	1174	[T/C]	1067306015
Ca_Kabuli_NW_004522394.1_1178	Ca_kabuli_scaffold	1178	[T/C]	1067306016
Ca_Kabuli_NW_004522394.1_1184	Ca_kabuli_scaffold	1184	[A/G]	1067306017
Ca_Kabuli_NW_004522394.1_1325	Ca_kabuli_scaffold	1325	[T/C]	1067306018
Ca_Kabuli_NW_004522394.1_1332	Ca_kabuli_scaffold	1332	[T/C]	1067306019
Ca_Kabuli_NW_004522394.1_1405	Ca_kabuli_scaffold	1405	[T/G]	1067306020
Ca_Kabuli_NW_004522396.1_789	Ca_kabuli_scaffold	789	[T/C]	1067306021
Ca_Kabuli_NW_004522396.1_856	Ca_kabuli_scaffold	856	[T/C]	1067306022
Ca_Kabuli_NW_004522401.1_1550	Ca_kabuli_scaffold	1550	[T/G]	1067306023
Ca_Kabuli_NW_004522401.1_1561	Ca_kabuli_scaffold	1561	[G/A]	1067306024
Ca_Kabuli_NW_004522401.1_1562	Ca_kabuli_scaffold	1562	[C/T]	1067306025
Ca_Kabuli_NW_004522401.1_1563	Ca_kabuli_scaffold	1563	[C/T]	1067306026
Ca_Kabuli_NW_004522502.1_1008	Ca_kabuli_scaffold	1008	[A/C]	1067306027
Ca_Kabuli_NW_004522695.1_737	Ca_kabuli_scaffold	737	[T/A]	1067306028
Ca_Kabuli_NW_004522695.1_798	Ca_kabuli_scaffold	798	[A/T]	1067306029
Ca_Kabuli_NW_004522695.1_818	Ca_kabuli_scaffold	818	[A/T]	1067306030
Ca_Kabuli_NW_004522695.1_831	Ca_kabuli_scaffold	831	[A/G]	1067306031
Ca_Kabuli_NW_004522695.1_2088	Ca_kabuli_scaffold	2088	[G/C]	1067306032
Ca_Kabuli_NW_004522695.1_2152	Ca_kabuli_scaffold	2152	[G/C]	1067306033
Ca_Kabuli_NW_004522695.1_2169	Ca_kabuli_scaffold	2169	[T/A]	1067306034
Ca_Kabuli_NW_004522717.1_3414	Ca_kabuli_scaffold	3414	[A/C]	1067306035
Ca_Kabuli_NW_004522717.1_3417	Ca_kabuli_scaffold	3417	[T/G]	1067306036
Ca_Kabuli_NW_004522739.1_1677	Ca_kabuli_scaffold	1677	[A/T]	1067306037
Ca_Kabuli_NW_004522739.1_1681	Ca_kabuli_scaffold	1681	[C/G]	1067306038

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Kabuli_NW_004522739.1_1683	Ca_kabuli_scaffold	1683	[G/A]	1067306039
Ca_Kabuli_NW_004522739.1_1684	Ca_kabuli_scaffold	1684	[G/C]	1067306040
Ca_Kabuli_NW_004522739.1_1685	Ca_kabuli_scaffold	1685	[T/C]	1067306041
Ca_Kabuli_NW_004522739.1_1709	Ca_kabuli_scaffold	1709	[A/G]	1067306042
Ca_Kabuli_NW_004522739.1_1712	Ca_kabuli_scaffold	1712	[A/G]	1067306043
Ca_Kabuli_NW_004522739.1_1718	Ca_kabuli_scaffold	1718	[A/G]	1067306044
Ca_Kabuli_NW_004522743.1_964	Ca_kabuli_scaffold	964	[C/A]	1067306045
Ca_Kabuli_NW_004522743.1_965	Ca_kabuli_scaffold	965	[T/G]	1067306046
Ca_Kabuli_NW_004522743.1_966	Ca_kabuli_scaffold	966	[C/A]	1067306047
Ca_Kabuli_NW_004522749.1_6261	Ca_kabuli_scaffold	6261	[T/A]	1067306048
Ca_Kabuli_NW_004522749.1_6266	Ca_kabuli_scaffold	6266	[T/C]	1067306049
Ca_Kabuli_NW_004522749.1_7714	Ca_kabuli_scaffold	7714	[T/A]	1067306050
Ca_Kabuli_NW_004522749.1_7716	Ca_kabuli_scaffold	7716	[A/C]	1067306051
Ca_Kabuli_NW_004522749.1_7748	Ca_kabuli_scaffold	7748	[A/T]	1067306052
Ca_Kabuli_NW_004522751.1_8303	Ca_kabuli_scaffold	8303	[T/G]	1067306053
Ca_Kabuli_NW_004522751.1_8326	Ca_kabuli_scaffold	8326	[T/G]	1067306054
Ca_Kabuli_NW_004522751.1_8348	Ca_kabuli_scaffold	8348	[A/T]	1067306055
Ca_Kabuli_NW_004522751.1_8351	Ca_kabuli_scaffold	8351	[A/C]	1067306056
Ca_Desi_Chr_1_27204	Ca_desi_chr01	27204	[C/T]	NA
Ca_Desi_Chr_1_152666	Ca_desi_chr01	152666	[A/G]	NA
Ca_Desi_Chr_1_179175	Ca_desi_chr01	179175	[A/C]	NA
Ca_Desi_Chr_1_179181	Ca_desi_chr01	179181	[T/C]	NA
Ca_Desi_Chr_1_179192	Ca_desi_chr01	179192	[T/C]	NA
Ca_Desi_Chr_1_179214	Ca_desi_chr01	179214	[A/C]	NA
Ca_Desi_Chr_1_179225	Ca_desi_chr01	179225	[A/G]	NA
Ca_Desi_Chr_1_404101	Ca_desi_chr01	404101	[A/C]	NA
Ca_Desi_Chr_1_436795	Ca_desi_chr01	436795	[T/C]	NA
Ca_Desi_Chr_1_436816	Ca_desi_chr01	436816	[T/G]	NA
Ca_Desi_Chr_1_436819	Ca_desi_chr01	436819	[A/G]	NA
Ca_Desi_Chr_1_436822	Ca_desi_chr01	436822	[T/G]	NA
Ca_Desi_Chr_1_436847	Ca_desi_chr01	436847	[T/C]	NA
Ca_Desi_Chr_1_436854	Ca_desi_chr01	436854	[A/C]	NA
Ca_Desi_Chr_1_436856	Ca_desi_chr01	436856	[T/G]	NA
Ca_Desi_Chr_1_436875	Ca_desi_chr01	436875	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_436895	Ca_desi_chr01	436895	[A/C]	NA
Ca_Desi_Chrom_1_453497	Ca_desi_chr01	453497	[A/G]	NA
Ca_Desi_Chrom_1_498877	Ca_desi_chr01	498877	[T/A]	NA
Ca_Desi_Chrom_1_498901	Ca_desi_chr01	498901	[A/C]	NA
Ca_Desi_Chrom_1_503863	Ca_desi_chr01	503863	[A/C]	NA
Ca_Desi_Chrom_1_503871	Ca_desi_chr01	503871	[A/C]	NA
Ca_Desi_Chrom_1_527113	Ca_desi_chr01	527113	[T/G]	NA
Ca_Desi_Chrom_1_527114	Ca_desi_chr01	527114	[G/T]	NA
Ca_Desi_Chrom_1_527115	Ca_desi_chr01	527115	[T/G]	NA
Ca_Desi_Chrom_1_531575	Ca_desi_chr01	531575	[C/A]	NA
Ca_Desi_Chrom_1_537971	Ca_desi_chr01	537971	[A/C]	NA
Ca_Desi_Chrom_1_537978	Ca_desi_chr01	537978	[A/C]	NA
Ca_Desi_Chrom_1_548146	Ca_desi_chr01	548146	[A/G]	NA
Ca_Desi_Chrom_1_548150	Ca_desi_chr01	548150	[A/G]	NA
Ca_Desi_Chrom_1_548152	Ca_desi_chr01	548152	[T/G]	NA
Ca_Desi_Chrom_1_548179	Ca_desi_chr01	548179	[A/G]	NA
Ca_Desi_Chrom_1_548182	Ca_desi_chr01	548182	[T/C]	NA
Ca_Desi_Chrom_1_548186	Ca_desi_chr01	548186	[A/G]	NA
Ca_Desi_Chrom_1_548188	Ca_desi_chr01	548188	[A/G]	NA
Ca_Desi_Chrom_1_548200	Ca_desi_chr01	548200	[T/C]	NA
Ca_Desi_Chrom_1_548203	Ca_desi_chr01	548203	[C/T]	NA
Ca_Desi_Chrom_1_551543	Ca_desi_chr01	551543	[A/G]	NA
Ca_Desi_Chrom_1_551545	Ca_desi_chr01	551545	[A/G]	NA
Ca_Desi_Chrom_1_551557	Ca_desi_chr01	551557	[T/C]	NA
Ca_Desi_Chrom_1_558467	Ca_desi_chr01	558467	[A/G]	NA
Ca_Desi_Chrom_1_592872	Ca_desi_chr01	592872	[A/C]	NA
Ca_Desi_Chrom_1_608899	Ca_desi_chr01	608899	[A/C]	NA
Ca_Desi_Chrom_1_643785	Ca_desi_chr01	643785	[A/C]	NA
Ca_Desi_Chrom_1_664764	Ca_desi_chr01	664764	[G/A]	NA
Ca_Desi_Chrom_1_664769	Ca_desi_chr01	664769	[A/G]	NA
Ca_Desi_Chrom_1_674805	Ca_desi_chr01	674805	[A/C]	NA
Ca_Desi_Chrom_1_674920	Ca_desi_chr01	674920	[T/G]	NA
Ca_Desi_Chrom_1_674965	Ca_desi_chr01	674965	[A/G]	NA
Ca_Desi_Chrom_1_675131	Ca_desi_chr01	675131	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_685529	Ca_desi_chr01	685529	[T/A]	NA
Ca_Desi_Chrom_1_740370	Ca_desi_chr01	740370	[T/C]	NA
Ca_Desi_Chrom_1_757585	Ca_desi_chr01	757585	[A/G]	NA
Ca_Desi_Chrom_1_757618	Ca_desi_chr01	757618	[T/G]	NA
Ca_Desi_Chrom_1_757623	Ca_desi_chr01	757623	[T/G]	NA
Ca_Desi_Chrom_1_766156	Ca_desi_chr01	766156	[T/G]	NA
Ca_Desi_Chrom_1_780860	Ca_desi_chr01	780860	[A/G]	NA
Ca_Desi_Chrom_1_780869	Ca_desi_chr01	780869	[A/G]	NA
Ca_Desi_Chrom_1_780879	Ca_desi_chr01	780879	[T/C]	NA
Ca_Desi_Chrom_1_780894	Ca_desi_chr01	780894	[A/G]	NA
Ca_Desi_Chrom_1_780898	Ca_desi_chr01	780898	[A/G]	NA
Ca_Desi_Chrom_1_780903	Ca_desi_chr01	780903	[T/G]	NA
Ca_Desi_Chrom_1_780905	Ca_desi_chr01	780905	[T/C]	NA
Ca_Desi_Chrom_1_792132	Ca_desi_chr01	792132	[T/G]	NA
Ca_Desi_Chrom_1_799321	Ca_desi_chr01	799321	[T/C]	NA
Ca_Desi_Chrom_1_801385	Ca_desi_chr01	801385	[T/G]	NA
Ca_Desi_Chrom_1_801409	Ca_desi_chr01	801409	[T/A]	NA
Ca_Desi_Chrom_1_815397	Ca_desi_chr01	815397	[G/T]	NA
Ca_Desi_Chrom_1_836330	Ca_desi_chr01	836330	[T/G]	NA
Ca_Desi_Chrom_1_836351	Ca_desi_chr01	836351	[C/T]	NA
Ca_Desi_Chrom_1_836842	Ca_desi_chr01	836842	[T/G]	NA
Ca_Desi_Chrom_1_836849	Ca_desi_chr01	836849	[T/G]	NA
Ca_Desi_Chrom_1_836859	Ca_desi_chr01	836859	[G/A]	NA
Ca_Desi_Chrom_1_840912	Ca_desi_chr01	840912	[T/C]	NA
Ca_Desi_Chrom_1_845508	Ca_desi_chr01	845508	[C/T]	NA
Ca_Desi_Chrom_1_872247	Ca_desi_chr01	872247	[G/A]	NA
Ca_Desi_Chrom_1_872280	Ca_desi_chr01	872280	[C/T]	NA
Ca_Desi_Chrom_1_872563	Ca_desi_chr01	872563	[C/G]	NA
Ca_Desi_Chrom_1_872564	Ca_desi_chr01	872564	[T/G]	NA
Ca_Desi_Chrom_1_886339	Ca_desi_chr01	886339	[G/T]	NA
Ca_Desi_Chrom_1_968338	Ca_desi_chr01	968338	[T/G]	NA
Ca_Desi_Chrom_1_968392	Ca_desi_chr01	968392	[A/C]	NA
Ca_Desi_Chrom_1_973829	Ca_desi_chr01	973829	[T/G]	NA
Ca_Desi_Chrom_1_973840	Ca_desi_chr01	973840	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_973854	Ca_desi_chr01	973854	[T/G]	NA
Ca_Desi_Chrom_1_973874	Ca_desi_chr01	973874	[A/T]	NA
Ca_Desi_Chrom_1_973881	Ca_desi_chr01	973881	[A/G]	NA
Ca_Desi_Chrom_1_982879	Ca_desi_chr01	982879	[T/G]	NA
Ca_Desi_Chrom_1_982984	Ca_desi_chr01	982984	[T/G]	NA
Ca_Desi_Chrom_1_982991	Ca_desi_chr01	982991	[T/G]	NA
Ca_Desi_Chrom_1_983014	Ca_desi_chr01	983014	[T/G]	NA
Ca_Desi_Chrom_1_983067	Ca_desi_chr01	983067	[T/A]	NA
Ca_Desi_Chrom_1_983103	Ca_desi_chr01	983103	[C/A]	NA
Ca_Desi_Chrom_1_983241	Ca_desi_chr01	983241	[A/G]	NA
Ca_Desi_Chrom_1_999785	Ca_desi_chr01	999785	[T/A]	NA
Ca_Desi_Chrom_1_999823	Ca_desi_chr01	999823	[A/T]	NA
Ca_Desi_Chrom_1_1025489	Ca_desi_chr01	1025489	[A/C]	NA
Ca_Desi_Chrom_1_1025542	Ca_desi_chr01	1025542	[A/G]	NA
Ca_Desi_Chrom_1_1025585	Ca_desi_chr01	1025585	[T/C]	NA
Ca_Desi_Chrom_1_1025590	Ca_desi_chr01	1025590	[A/G]	NA
Ca_Desi_Chrom_1_1025593	Ca_desi_chr01	1025593	[C/A]	NA
Ca_Desi_Chrom_1_1069245	Ca_desi_chr01	1069245	[C/T]	NA
Ca_Desi_Chrom_1_1069295	Ca_desi_chr01	1069295	[A/C]	NA
Ca_Desi_Chrom_1_1069425	Ca_desi_chr01	1069425	[A/C]	NA
Ca_Desi_Chrom_1_1069436	Ca_desi_chr01	1069436	[G/A]	NA
Ca_Desi_Chrom_1_1072415	Ca_desi_chr01	1072415	[T/C]	NA
Ca_Desi_Chrom_1_1072623	Ca_desi_chr01	1072623	[G/A]	NA
Ca_Desi_Chrom_1_1072906	Ca_desi_chr01	1072906	[C/T]	NA
Ca_Desi_Chrom_1_1072930	Ca_desi_chr01	1072930	[A/G]	NA
Ca_Desi_Chrom_1_1072955	Ca_desi_chr01	1072955	[A/G]	NA
Ca_Desi_Chrom_1_1072971	Ca_desi_chr01	1072971	[T/G]	NA
Ca_Desi_Chrom_1_1072973	Ca_desi_chr01	1072973	[T/C]	NA
Ca_Desi_Chrom_1_1072976	Ca_desi_chr01	1072976	[A/G]	NA
Ca_Desi_Chrom_1_1105109	Ca_desi_chr01	1105109	[C/T]	NA
Ca_Desi_Chrom_1_1146211	Ca_desi_chr01	1146211	[C/T]	NA
Ca_Desi_Chrom_1_1146659	Ca_desi_chr01	1146659	[C/T]	NA
Ca_Desi_Chrom_1_1158279	Ca_desi_chr01	1158279	[T/G]	NA
Ca_Desi_Chrom_1_1158316	Ca_desi_chr01	1158316	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_1276048	Ca_desi_chr01	1276048	[A/G]	NA
Ca_Desi_Chrom_1_1276059	Ca_desi_chr01	1276059	[A/G]	NA
Ca_Desi_Chrom_1_1276070	Ca_desi_chr01	1276070	[A/G]	NA
Ca_Desi_Chrom_1_1374791	Ca_desi_chr01	1374791	[A/G]	NA
Ca_Desi_Chrom_1_1375912	Ca_desi_chr01	1375912	[T/G]	NA
Ca_Desi_Chrom_1_1375969	Ca_desi_chr01	1375969	[A/C]	NA
Ca_Desi_Chrom_1_1375985	Ca_desi_chr01	1375985	[A/C]	NA
Ca_Desi_Chrom_1_1375997	Ca_desi_chr01	1375997	[A/C]	NA
Ca_Desi_Chrom_1_1389951	Ca_desi_chr01	1389951	[T/C]	NA
Ca_Desi_Chrom_1_1390763	Ca_desi_chr01	1390763	[T/C]	NA
Ca_Desi_Chrom_1_1390853	Ca_desi_chr01	1390853	[A/G]	NA
Ca_Desi_Chrom_1_1451028	Ca_desi_chr01	1451028	[A/C]	NA
Ca_Desi_Chrom_1_1463196	Ca_desi_chr01	1463196	[A/G]	NA
Ca_Desi_Chrom_1_1463211	Ca_desi_chr01	1463211	[T/G]	NA
Ca_Desi_Chrom_1_1463229	Ca_desi_chr01	1463229	[A/C]	NA
Ca_Desi_Chrom_1_1463371	Ca_desi_chr01	1463371	[A/C]	NA
Ca_Desi_Chrom_1_1479584	Ca_desi_chr01	1479584	[A/G]	NA
Ca_Desi_Chrom_1_1479595	Ca_desi_chr01	1479595	[A/C]	NA
Ca_Desi_Chrom_1_1484126	Ca_desi_chr01	1484126	[T/C]	NA
Ca_Desi_Chrom_1_1486022	Ca_desi_chr01	1486022	[T/C]	NA
Ca_Desi_Chrom_1_1486040	Ca_desi_chr01	1486040	[T/C]	NA
Ca_Desi_Chrom_1_1486042	Ca_desi_chr01	1486042	[A/G]	NA
Ca_Desi_Chrom_1_1486052	Ca_desi_chr01	1486052	[A/G]	NA
Ca_Desi_Chrom_1_1486054	Ca_desi_chr01	1486054	[T/G]	NA
Ca_Desi_Chrom_1_1486055	Ca_desi_chr01	1486055	[G/A]	NA
Ca_Desi_Chrom_1_1486073	Ca_desi_chr01	1486073	[C/A]	NA
Ca_Desi_Chrom_1_1486074	Ca_desi_chr01	1486074	[T/G]	NA
Ca_Desi_Chrom_1_1553309	Ca_desi_chr01	1553309	[A/G]	NA
Ca_Desi_Chrom_1_1553325	Ca_desi_chr01	1553325	[T/C]	NA
Ca_Desi_Chrom_1_1600018	Ca_desi_chr01	1600018	[T/G]	NA
Ca_Desi_Chrom_1_1600031	Ca_desi_chr01	1600031	[A/T]	NA
Ca_Desi_Chrom_1_1600034	Ca_desi_chr01	1600034	[A/G]	NA
Ca_Desi_Chrom_1_1600071	Ca_desi_chr01	1600071	[T/C]	NA
Ca_Desi_Chrom_1_1600086	Ca_desi_chr01	1600086	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_1601983	Ca_desi_chr01	1601983	[A/G]	NA
Ca_Desi_Chrom_1_1601991	Ca_desi_chr01	1601991	[T/C]	NA
Ca_Desi_Chrom_1_1602055	Ca_desi_chr01	1602055	[A/C]	NA
Ca_Desi_Chrom_1_1609624	Ca_desi_chr01	1609624	[A/G]	NA
Ca_Desi_Chrom_1_1609647	Ca_desi_chr01	1609647	[C/A]	NA
Ca_Desi_Chrom_1_1632918	Ca_desi_chr01	1632918	[T/G]	NA
Ca_Desi_Chrom_1_1632937	Ca_desi_chr01	1632937	[A/G]	NA
Ca_Desi_Chrom_1_1632985	Ca_desi_chr01	1632985	[A/C]	NA
Ca_Desi_Chrom_1_1712381	Ca_desi_chr01	1712381	[T/G]	NA
Ca_Desi_Chrom_1_1727816	Ca_desi_chr01	1727816	[T/C]	NA
Ca_Desi_Chrom_1_1727983	Ca_desi_chr01	1727983	[A/C]	NA
Ca_Desi_Chrom_1_1746825	Ca_desi_chr01	1746825	[A/G]	NA
Ca_Desi_Chrom_1_1746848	Ca_desi_chr01	1746848	[A/C]	NA
Ca_Desi_Chrom_1_1746855	Ca_desi_chr01	1746855	[T/C]	NA
Ca_Desi_Chrom_1_1746868	Ca_desi_chr01	1746868	[T/G]	NA
Ca_Desi_Chrom_1_1746884	Ca_desi_chr01	1746884	[T/C]	NA
Ca_Desi_Chrom_1_1746933	Ca_desi_chr01	1746933	[T/G]	NA
Ca_Desi_Chrom_1_1747393	Ca_desi_chr01	1747393	[A/C]	NA
Ca_Desi_Chrom_1_1815576	Ca_desi_chr01	1815576	[G/T]	NA
Ca_Desi_Chrom_1_1826964	Ca_desi_chr01	1826964	[A/C]	NA
Ca_Desi_Chrom_1_1838101	Ca_desi_chr01	1838101	[A/G]	NA
Ca_Desi_Chrom_1_1838107	Ca_desi_chr01	1838107	[T/C]	NA
Ca_Desi_Chrom_1_1838117	Ca_desi_chr01	1838117	[A/G]	NA
Ca_Desi_Chrom_1_1838148	Ca_desi_chr01	1838148	[A/G]	NA
Ca_Desi_Chrom_1_1838154	Ca_desi_chr01	1838154	[T/A]	NA
Ca_Desi_Chrom_1_1842530	Ca_desi_chr01	1842530	[T/G]	NA
Ca_Desi_Chrom_1_1842546	Ca_desi_chr01	1842546	[A/G]	NA
Ca_Desi_Chrom_1_1845185	Ca_desi_chr01	1845185	[A/G]	NA
Ca_Desi_Chrom_1_1906324	Ca_desi_chr01	1906324	[A/C]	NA
Ca_Desi_Chrom_1_1906333	Ca_desi_chr01	1906333	[A/C]	NA
Ca_Desi_Chrom_1_1906392	Ca_desi_chr01	1906392	[A/T]	NA
Ca_Desi_Chrom_1_1913803	Ca_desi_chr01	1913803	[A/T]	NA
Ca_Desi_Chrom_1_1913810	Ca_desi_chr01	1913810	[T/C]	NA
Ca_Desi_Chrom_1_1913811	Ca_desi_chr01	1913811	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_1913882	Ca_desi_chr01	1913882	[A/C]	NA
Ca_Desi_Chrom_1_1931718	Ca_desi_chr01	1931718	[T/C]	NA
Ca_Desi_Chrom_1_1931745	Ca_desi_chr01	1931745	[T/G]	NA
Ca_Desi_Chrom_1_1931750	Ca_desi_chr01	1931750	[A/G]	NA
Ca_Desi_Chrom_1_1936668	Ca_desi_chr01	1936668	[A/C]	NA
Ca_Desi_Chrom_1_1936733	Ca_desi_chr01	1936733	[A/G]	NA
Ca_Desi_Chrom_1_1937320	Ca_desi_chr01	1937320	[A/C]	NA
Ca_Desi_Chrom_1_1937326	Ca_desi_chr01	1937326	[T/C]	NA
Ca_Desi_Chrom_1_1937359	Ca_desi_chr01	1937359	[A/G]	NA
Ca_Desi_Chrom_1_1938752	Ca_desi_chr01	1938752	[G/T]	NA
Ca_Desi_Chrom_1_1938758	Ca_desi_chr01	1938758	[G/T]	NA
Ca_Desi_Chrom_1_1938761	Ca_desi_chr01	1938761	[T/G]	NA
Ca_Desi_Chrom_1_1938763	Ca_desi_chr01	1938763	[G/A]	NA
Ca_Desi_Chrom_1_1938766	Ca_desi_chr01	1938766	[A/G]	NA
Ca_Desi_Chrom_1_1938769	Ca_desi_chr01	1938769	[C/G]	NA
Ca_Desi_Chrom_1_1938940	Ca_desi_chr01	1938940	[T/G]	NA
Ca_Desi_Chrom_1_1960791	Ca_desi_chr01	1960791	[T/C]	NA
Ca_Desi_Chrom_1_1960845	Ca_desi_chr01	1960845	[A/G]	NA
Ca_Desi_Chrom_1_1960854	Ca_desi_chr01	1960854	[A/G]	NA
Ca_Desi_Chrom_1_1960888	Ca_desi_chr01	1960888	[T/A]	NA
Ca_Desi_Chrom_1_1960896	Ca_desi_chr01	1960896	[A/C]	NA
Ca_Desi_Chrom_1_1961533	Ca_desi_chr01	1961533	[A/C]	NA
Ca_Desi_Chrom_1_1971574	Ca_desi_chr01	1971574	[A/C]	NA
Ca_Desi_Chrom_1_1971598	Ca_desi_chr01	1971598	[A/C]	NA
Ca_Desi_Chrom_1_1982256	Ca_desi_chr01	1982256	[T/C]	NA
Ca_Desi_Chrom_1_1982277	Ca_desi_chr01	1982277	[A/C]	NA
Ca_Desi_Chrom_1_1982349	Ca_desi_chr01	1982349	[T/C]	NA
Ca_Desi_Chrom_1_1982380	Ca_desi_chr01	1982380	[A/G]	NA
Ca_Desi_Chrom_1_1982390	Ca_desi_chr01	1982390	[A/G]	NA
Ca_Desi_Chrom_1_2021757	Ca_desi_chr01	2021757	[T/C]	NA
Ca_Desi_Chrom_1_2021761	Ca_desi_chr01	2021761	[A/G]	NA
Ca_Desi_Chrom_1_2021767	Ca_desi_chr01	2021767	[T/C]	NA
Ca_Desi_Chrom_1_2021772	Ca_desi_chr01	2021772	[T/G]	NA
Ca_Desi_Chrom_1_2021774	Ca_desi_chr01	2021774	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_2021780	Ca_desi_chr01	2021780	[A/G]	NA
Ca_Desi_Chrom_1_2021792	Ca_desi_chr01	2021792	[A/G]	NA
Ca_Desi_Chrom_1_2021793	Ca_desi_chr01	2021793	[T/C]	NA
Ca_Desi_Chrom_1_2021813	Ca_desi_chr01	2021813	[A/G]	NA
Ca_Desi_Chrom_1_2021818	Ca_desi_chr01	2021818	[T/C]	NA
Ca_Desi_Chrom_1_2021819	Ca_desi_chr01	2021819	[G/A]	NA
Ca_Desi_Chrom_1_2067261	Ca_desi_chr01	2067261	[A/C]	NA
Ca_Desi_Chrom_1_2084407	Ca_desi_chr01	2084407	[T/C]	NA
Ca_Desi_Chrom_1_2084421	Ca_desi_chr01	2084421	[T/G]	NA
Ca_Desi_Chrom_1_2084438	Ca_desi_chr01	2084438	[A/C]	NA
Ca_Desi_Chrom_1_2084454	Ca_desi_chr01	2084454	[A/G]	NA
Ca_Desi_Chrom_1_2084465	Ca_desi_chr01	2084465	[A/G]	NA
Ca_Desi_Chrom_1_2084498	Ca_desi_chr01	2084498	[T/G]	NA
Ca_Desi_Chrom_1_2084578	Ca_desi_chr01	2084578	[T/C]	NA
Ca_Desi_Chrom_1_2084631	Ca_desi_chr01	2084631	[T/A]	NA
Ca_Desi_Chrom_1_2084656	Ca_desi_chr01	2084656	[T/C]	NA
Ca_Desi_Chrom_1_2084658	Ca_desi_chr01	2084658	[T/C]	NA
Ca_Desi_Chrom_1_2184928	Ca_desi_chr01	2184928	[A/T]	NA
Ca_Desi_Chrom_1_2184950	Ca_desi_chr01	2184950	[A/T]	NA
Ca_Desi_Chrom_1_2184992	Ca_desi_chr01	2184992	[A/C]	NA
Ca_Desi_Chrom_1_2184997	Ca_desi_chr01	2184997	[C/T]	NA
Ca_Desi_Chrom_1_2184999	Ca_desi_chr01	2184999	[A/T]	NA
Ca_Desi_Chrom_1_2185002	Ca_desi_chr01	2185002	[G/T]	NA
Ca_Desi_Chrom_1_2185003	Ca_desi_chr01	2185003	[C/T]	NA
Ca_Desi_Chrom_1_2185007	Ca_desi_chr01	2185007	[C/A]	NA
Ca_Desi_Chrom_1_2185016	Ca_desi_chr01	2185016	[A/G]	NA
Ca_Desi_Chrom_1_2188015	Ca_desi_chr01	2188015	[A/C]	NA
Ca_Desi_Chrom_1_2188625	Ca_desi_chr01	2188625	[A/G]	NA
Ca_Desi_Chrom_1_2213631	Ca_desi_chr01	2213631	[T/C]	NA
Ca_Desi_Chrom_1_2213652	Ca_desi_chr01	2213652	[A/G]	NA
Ca_Desi_Chrom_1_2213674	Ca_desi_chr01	2213674	[T/C]	NA
Ca_Desi_Chrom_1_2216699	Ca_desi_chr01	2216699	[T/G]	NA
Ca_Desi_Chrom_1_2216718	Ca_desi_chr01	2216718	[A/T]	NA
Ca_Desi_Chrom_1_2241298	Ca_desi_chr01	2241298	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_2249232	Ca_desi_chr01	2249232	[A/G]	NA
Ca_Desi_Chrom_1_2263530	Ca_desi_chr01	2263530	[A/G]	NA
Ca_Desi_Chrom_1_2263557	Ca_desi_chr01	2263557	[T/G]	NA
Ca_Desi_Chrom_1_2269248	Ca_desi_chr01	2269248	[C/G]	NA
Ca_Desi_Chrom_1_2281497	Ca_desi_chr01	2281497	[T/G]	NA
Ca_Desi_Chrom_1_2281498	Ca_desi_chr01	2281498	[T/G]	NA
Ca_Desi_Chrom_1_2281499	Ca_desi_chr01	2281499	[G/T]	NA
Ca_Desi_Chrom_1_2281552	Ca_desi_chr01	2281552	[T/C]	NA
Ca_Desi_Chrom_1_2281554	Ca_desi_chr01	2281554	[C/T]	NA
Ca_Desi_Chrom_1_2320790	Ca_desi_chr01	2320790	[C/T]	NA
Ca_Desi_Chrom_1_2322967	Ca_desi_chr01	2322967	[G/T]	NA
Ca_Desi_Chrom_1_2327449	Ca_desi_chr01	2327449	[T/A]	NA
Ca_Desi_Chrom_1_2335377	Ca_desi_chr01	2335377	[T/G]	NA
Ca_Desi_Chrom_1_2335392	Ca_desi_chr01	2335392	[T/G]	NA
Ca_Desi_Chrom_1_2335395	Ca_desi_chr01	2335395	[A/G]	NA
Ca_Desi_Chrom_1_2349688	Ca_desi_chr01	2349688	[A/C]	NA
Ca_Desi_Chrom_1_2356930	Ca_desi_chr01	2356930	[T/C]	NA
Ca_Desi_Chrom_1_2356959	Ca_desi_chr01	2356959	[T/G]	NA
Ca_Desi_Chrom_1_2410385	Ca_desi_chr01	2410385	[T/C]	NA
Ca_Desi_Chrom_1_2417658	Ca_desi_chr01	2417658	[A/G]	NA
Ca_Desi_Chrom_1_2417675	Ca_desi_chr01	2417675	[G/A]	NA
Ca_Desi_Chrom_1_2417996	Ca_desi_chr01	2417996	[C/T]	NA
Ca_Desi_Chrom_1_2418161	Ca_desi_chr01	2418161	[C/A]	NA
Ca_Desi_Chrom_1_2418212	Ca_desi_chr01	2418212	[T/A]	NA
Ca_Desi_Chrom_1_2418521	Ca_desi_chr01	2418521	[G/A]	NA
Ca_Desi_Chrom_1_2418752	Ca_desi_chr01	2418752	[A/T]	NA
Ca_Desi_Chrom_1_2418782	Ca_desi_chr01	2418782	[A/C]	NA
Ca_Desi_Chrom_1_2436035	Ca_desi_chr01	2436035	[T/C]	NA
Ca_Desi_Chrom_1_2437920	Ca_desi_chr01	2437920	[A/C]	NA
Ca_Desi_Chrom_1_2437941	Ca_desi_chr01	2437941	[T/G]	NA
Ca_Desi_Chrom_1_2437946	Ca_desi_chr01	2437946	[A/G]	NA
Ca_Desi_Chrom_1_2437948	Ca_desi_chr01	2437948	[T/G]	NA
Ca_Desi_Chrom_1_2438688	Ca_desi_chr01	2438688	[A/T]	NA
Ca_Desi_Chrom_1_2438692	Ca_desi_chr01	2438692	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_2438694	Ca_desi_chr01	2438694	[T/C]	NA
Ca_Desi_Chrom_1_2438700	Ca_desi_chr01	2438700	[G/T]	NA
Ca_Desi_Chrom_1_2438706	Ca_desi_chr01	2438706	[A/G]	NA
Ca_Desi_Chrom_1_2438711	Ca_desi_chr01	2438711	[A/G]	NA
Ca_Desi_Chrom_1_2438716	Ca_desi_chr01	2438716	[A/C]	NA
Ca_Desi_Chrom_1_2438719	Ca_desi_chr01	2438719	[T/A]	NA
Ca_Desi_Chrom_1_2438722	Ca_desi_chr01	2438722	[T/C]	NA
Ca_Desi_Chrom_1_2438726	Ca_desi_chr01	2438726	[A/G]	NA
Ca_Desi_Chrom_1_2438730	Ca_desi_chr01	2438730	[A/G]	NA
Ca_Desi_Chrom_1_2438732	Ca_desi_chr01	2438732	[A/G]	NA
Ca_Desi_Chrom_1_2438733	Ca_desi_chr01	2438733	[T/A]	NA
Ca_Desi_Chrom_1_2438736	Ca_desi_chr01	2438736	[A/T]	NA
Ca_Desi_Chrom_1_2449527	Ca_desi_chr01	2449527	[G/A]	NA
Ca_Desi_Chrom_1_2471793	Ca_desi_chr01	2471793	[C/T]	NA
Ca_Desi_Chrom_1_2471996	Ca_desi_chr01	2471996	[G/A]	NA
Ca_Desi_Chrom_1_2491480	Ca_desi_chr01	2491480	[A/T]	NA
Ca_Desi_Chrom_1_2491481	Ca_desi_chr01	2491481	[A/C]	NA
Ca_Desi_Chrom_1_2491483	Ca_desi_chr01	2491483	[T/A]	NA
Ca_Desi_Chrom_1_2491484	Ca_desi_chr01	2491484	[T/A]	NA
Ca_Desi_Chrom_1_2504132	Ca_desi_chr01	2504132	[G/A]	NA
Ca_Desi_Chrom_1_2536767	Ca_desi_chr01	2536767	[T/C]	NA
Ca_Desi_Chrom_1_2536826	Ca_desi_chr01	2536826	[A/C]	NA
Ca_Desi_Chrom_1_2546433	Ca_desi_chr01	2546433	[A/C]	NA
Ca_Desi_Chrom_1_2546434	Ca_desi_chr01	2546434	[G/T]	NA
Ca_Desi_Chrom_1_2619204	Ca_desi_chr01	2619204	[C/T]	NA
Ca_Desi_Chrom_1_2637647	Ca_desi_chr01	2637647	[C/G]	NA
Ca_Desi_Chrom_1_2637849	Ca_desi_chr01	2637849	[C/T]	NA
Ca_Desi_Chrom_1_2637890	Ca_desi_chr01	2637890	[G/C]	NA
Ca_Desi_Chrom_1_2824561	Ca_desi_chr01	2824561	[C/A]	NA
Ca_Desi_Chrom_1_2824588	Ca_desi_chr01	2824588	[T/C]	NA
Ca_Desi_Chrom_1_2824628	Ca_desi_chr01	2824628	[A/C]	NA
Ca_Desi_Chrom_1_2888339	Ca_desi_chr01	2888339	[A/G]	NA
Ca_Desi_Chrom_1_2888351	Ca_desi_chr01	2888351	[T/C]	NA
Ca_Desi_Chrom_1_2958061	Ca_desi_chr01	2958061	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_2961157	Ca_desi_chr01	2961157	[T/G]	NA
Ca_Desi_Chrom_1_2961169	Ca_desi_chr01	2961169	[A/G]	NA
Ca_Desi_Chrom_1_2965413	Ca_desi_chr01	2965413	[T/A]	NA
Ca_Desi_Chrom_1_3038901	Ca_desi_chr01	3038901	[C/A]	NA
Ca_Desi_Chrom_1_3083142	Ca_desi_chr01	3083142	[A/G]	NA
Ca_Desi_Chrom_1_3098844	Ca_desi_chr01	3098844	[A/G]	NA
Ca_Desi_Chrom_1_3099404	Ca_desi_chr01	3099404	[C/G]	NA
Ca_Desi_Chrom_1_3151844	Ca_desi_chr01	3151844	[A/T]	NA
Ca_Desi_Chrom_1_3151866	Ca_desi_chr01	3151866	[A/C]	NA
Ca_Desi_Chrom_1_3151955	Ca_desi_chr01	3151955	[T/G]	NA
Ca_Desi_Chrom_1_3152052	Ca_desi_chr01	3152052	[A/T]	NA
Ca_Desi_Chrom_1_3191486	Ca_desi_chr01	3191486	[T/C]	NA
Ca_Desi_Chrom_1_3191487	Ca_desi_chr01	3191487	[T/C]	NA
Ca_Desi_Chrom_1_3191496	Ca_desi_chr01	3191496	[G/T]	NA
Ca_Desi_Chrom_1_3191499	Ca_desi_chr01	3191499	[C/T]	NA
Ca_Desi_Chrom_1_3216071	Ca_desi_chr01	3216071	[A/T]	NA
Ca_Desi_Chrom_1_3216095	Ca_desi_chr01	3216095	[T/G]	NA
Ca_Desi_Chrom_1_3220988	Ca_desi_chr01	3220988	[T/A]	NA
Ca_Desi_Chrom_1_3307455	Ca_desi_chr01	3307455	[T/A]	NA
Ca_Desi_Chrom_1_3328457	Ca_desi_chr01	3328457	[C/A]	NA
Ca_Desi_Chrom_1_3328510	Ca_desi_chr01	3328510	[C/A]	NA
Ca_Desi_Chrom_1_3328583	Ca_desi_chr01	3328583	[A/C]	NA
Ca_Desi_Chrom_1_3328660	Ca_desi_chr01	3328660	[T/C]	NA
Ca_Desi_Chrom_1_3328682	Ca_desi_chr01	3328682	[T/G]	NA
Ca_Desi_Chrom_1_3328695	Ca_desi_chr01	3328695	[A/C]	NA
Ca_Desi_Chrom_1_3328700	Ca_desi_chr01	3328700	[A/T]	NA
Ca_Desi_Chrom_1_3370457	Ca_desi_chr01	3370457	[T/C]	NA
Ca_Desi_Chrom_1_3370481	Ca_desi_chr01	3370481	[T/A]	NA
Ca_Desi_Chrom_1_3370815	Ca_desi_chr01	3370815	[A/C]	NA
Ca_Desi_Chrom_1_3370833	Ca_desi_chr01	3370833	[T/C]	NA
Ca_Desi_Chrom_1_3370852	Ca_desi_chr01	3370852	[A/G]	NA
Ca_Desi_Chrom_1_3372364	Ca_desi_chr01	3372364	[C/T]	NA
Ca_Desi_Chrom_1_3372365	Ca_desi_chr01	3372365	[G/C]	NA
Ca_Desi_Chrom_1_3372366	Ca_desi_chr01	3372366	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_3425903	Ca_desi_chr01	3425903	[T/G]	NA
Ca_Desi_Chrom_1_3436819	Ca_desi_chr01	3436819	[A/G]	NA
Ca_Desi_Chrom_1_3440874	Ca_desi_chr01	3440874	[A/G]	NA
Ca_Desi_Chrom_1_3545305	Ca_desi_chr01	3545305	[T/G]	NA
Ca_Desi_Chrom_1_3545307	Ca_desi_chr01	3545307	[A/G]	NA
Ca_Desi_Chrom_1_3545317	Ca_desi_chr01	3545317	[T/A]	NA
Ca_Desi_Chrom_1_3545323	Ca_desi_chr01	3545323	[T/G]	NA
Ca_Desi_Chrom_1_3545332	Ca_desi_chr01	3545332	[T/G]	NA
Ca_Desi_Chrom_1_3545358	Ca_desi_chr01	3545358	[A/C]	NA
Ca_Desi_Chrom_1_3570664	Ca_desi_chr01	3570664	[G/A]	NA
Ca_Desi_Chrom_1_3570667	Ca_desi_chr01	3570667	[G/A]	NA
Ca_Desi_Chrom_1_3570670	Ca_desi_chr01	3570670	[T/A]	NA
Ca_Desi_Chrom_1_3570671	Ca_desi_chr01	3570671	[T/G]	NA
Ca_Desi_Chrom_1_3674643	Ca_desi_chr01	3674643	[A/G]	NA
Ca_Desi_Chrom_1_3674649	Ca_desi_chr01	3674649	[T/C]	NA
Ca_Desi_Chrom_1_3674669	Ca_desi_chr01	3674669	[T/C]	NA
Ca_Desi_Chrom_1_3675565	Ca_desi_chr01	3675565	[A/C]	NA
Ca_Desi_Chrom_1_3675568	Ca_desi_chr01	3675568	[A/G]	NA
Ca_Desi_Chrom_1_3675770	Ca_desi_chr01	3675770	[T/C]	NA
Ca_Desi_Chrom_1_3675775	Ca_desi_chr01	3675775	[T/G]	NA
Ca_Desi_Chrom_1_3675840	Ca_desi_chr01	3675840	[A/G]	NA
Ca_Desi_Chrom_1_3675925	Ca_desi_chr01	3675925	[T/C]	NA
Ca_Desi_Chrom_1_3740980	Ca_desi_chr01	3740980	[A/G]	NA
Ca_Desi_Chrom_1_3742716	Ca_desi_chr01	3742716	[T/G]	NA
Ca_Desi_Chrom_1_3742739	Ca_desi_chr01	3742739	[A/G]	NA
Ca_Desi_Chrom_1_3742966	Ca_desi_chr01	3742966	[T/C]	NA
Ca_Desi_Chrom_1_3742969	Ca_desi_chr01	3742969	[T/G]	NA
Ca_Desi_Chrom_1_3742987	Ca_desi_chr01	3742987	[T/C]	NA
Ca_Desi_Chrom_1_3743002	Ca_desi_chr01	3743002	[T/C]	NA
Ca_Desi_Chrom_1_3743013	Ca_desi_chr01	3743013	[A/G]	NA
Ca_Desi_Chrom_1_3743017	Ca_desi_chr01	3743017	[A/G]	NA
Ca_Desi_Chrom_1_3758449	Ca_desi_chr01	3758449	[A/G]	NA
Ca_Desi_Chrom_1_3771480	Ca_desi_chr01	3771480	[T/G]	NA
Ca_Desi_Chrom_1_3771639	Ca_desi_chr01	3771639	[T/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_3771641	Ca_desi_chr01	3771641	[T/C]	NA
Ca_Desi_Chrom_1_3771642	Ca_desi_chr01	3771642	[G/T]	NA
Ca_Desi_Chrom_1_3783294	Ca_desi_chr01	3783294	[T/G]	NA
Ca_Desi_Chrom_1_3783321	Ca_desi_chr01	3783321	[T/G]	NA
Ca_Desi_Chrom_1_3804309	Ca_desi_chr01	3804309	[A/C]	NA
Ca_Desi_Chrom_1_3844870	Ca_desi_chr01	3844870	[A/T]	NA
Ca_Desi_Chrom_1_3844883	Ca_desi_chr01	3844883	[T/G]	NA
Ca_Desi_Chrom_1_3859118	Ca_desi_chr01	3859118	[A/C]	NA
Ca_Desi_Chrom_1_3887816	Ca_desi_chr01	3887816	[C/A]	NA
Ca_Desi_Chrom_1_3887817	Ca_desi_chr01	3887817	[C/G]	NA
Ca_Desi_Chrom_1_3996817	Ca_desi_chr01	3996817	[T/G]	NA
Ca_Desi_Chrom_1_3996909	Ca_desi_chr01	3996909	[T/G]	NA
Ca_Desi_Chrom_1_3996922	Ca_desi_chr01	3996922	[T/G]	NA
Ca_Desi_Chrom_1_4001436	Ca_desi_chr01	4001436	[A/T]	NA
Ca_Desi_Chrom_1_4002049	Ca_desi_chr01	4002049	[T/A]	NA
Ca_Desi_Chrom_1_5004855	Ca_desi_chr01	5004855	[C/A]	NA
Ca_Desi_Chrom_1_5004857	Ca_desi_chr01	5004857	[C/G]	NA
Ca_Desi_Chrom_1_5014318	Ca_desi_chr01	5014318	[G/T]	NA
Ca_Desi_Chrom_1_5022262	Ca_desi_chr01	5022262	[T/G]	NA
Ca_Desi_Chrom_1_5050016	Ca_desi_chr01	5050016	[C/T]	NA
Ca_Desi_Chrom_1_5050028	Ca_desi_chr01	5050028	[T/G]	NA
Ca_Desi_Chrom_1_5050172	Ca_desi_chr01	5050172	[T/C]	NA
Ca_Desi_Chrom_1_5056212	Ca_desi_chr01	5056212	[C/T]	NA
Ca_Desi_Chrom_1_5059318	Ca_desi_chr01	5059318	[A/T]	NA
Ca_Desi_Chrom_1_5059365	Ca_desi_chr01	5059365	[C/A]	NA
Ca_Desi_Chrom_1_5059752	Ca_desi_chr01	5059752	[G/A]	NA
Ca_Desi_Chrom_1_5061066	Ca_desi_chr01	5061066	[A/T]	NA
Ca_Desi_Chrom_1_5061125	Ca_desi_chr01	5061125	[C/G]	NA
Ca_Desi_Chrom_1_5061196	Ca_desi_chr01	5061196	[A/G]	NA
Ca_Desi_Chrom_1_5094752	Ca_desi_chr01	5094752	[A/G]	NA
Ca_Desi_Chrom_1_5094757	Ca_desi_chr01	5094757	[C/G]	NA
Ca_Desi_Chrom_1_5138356	Ca_desi_chr01	5138356	[A/C]	NA
Ca_Desi_Chrom_1_5138369	Ca_desi_chr01	5138369	[A/C]	NA
Ca_Desi_Chrom_1_5161176	Ca_desi_chr01	5161176	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_5161177	Ca_desi_chr01	5161177	[G/C]	NA
Ca_Desi_Chrom_1_5161178	Ca_desi_chr01	5161178	[A/G]	NA
Ca_Desi_Chrom_1_5161179	Ca_desi_chr01	5161179	[T/A]	NA
Ca_Desi_Chrom_1_5161805	Ca_desi_chr01	5161805	[T/G]	NA
Ca_Desi_Chrom_1_5197089	Ca_desi_chr01	5197089	[T/C]	NA
Ca_Desi_Chrom_1_5197101	Ca_desi_chr01	5197101	[T/C]	NA
Ca_Desi_Chrom_1_5197119	Ca_desi_chr01	5197119	[A/G]	NA
Ca_Desi_Chrom_1_5197138	Ca_desi_chr01	5197138	[A/G]	NA
Ca_Desi_Chrom_1_5197206	Ca_desi_chr01	5197206	[C/A]	NA
Ca_Desi_Chrom_1_5197352	Ca_desi_chr01	5197352	[A/T]	NA
Ca_Desi_Chrom_1_5197392	Ca_desi_chr01	5197392	[A/T]	NA
Ca_Desi_Chrom_1_5197399	Ca_desi_chr01	5197399	[A/G]	NA
Ca_Desi_Chrom_1_5197414	Ca_desi_chr01	5197414	[A/C]	NA
Ca_Desi_Chrom_1_5197417	Ca_desi_chr01	5197417	[A/C]	NA
Ca_Desi_Chrom_1_5197426	Ca_desi_chr01	5197426	[A/G]	NA
Ca_Desi_Chrom_1_5197431	Ca_desi_chr01	5197431	[A/G]	NA
Ca_Desi_Chrom_1_5197439	Ca_desi_chr01	5197439	[A/G]	NA
Ca_Desi_Chrom_1_5207859	Ca_desi_chr01	5207859	[A/C]	NA
Ca_Desi_Chrom_1_5207882	Ca_desi_chr01	5207882	[A/T]	NA
Ca_Desi_Chrom_1_5207897	Ca_desi_chr01	5207897	[A/T]	NA
Ca_Desi_Chrom_1_5238574	Ca_desi_chr01	5238574	[A/G]	NA
Ca_Desi_Chrom_1_5270448	Ca_desi_chr01	5270448	[A/G]	NA
Ca_Desi_Chrom_1_5270491	Ca_desi_chr01	5270491	[T/A]	NA
Ca_Desi_Chrom_1_5270502	Ca_desi_chr01	5270502	[A/G]	NA
Ca_Desi_Chrom_1_5292727	Ca_desi_chr01	5292727	[T/G]	NA
Ca_Desi_Chrom_1_5325657	Ca_desi_chr01	5325657	[A/T]	NA
Ca_Desi_Chrom_1_5325658	Ca_desi_chr01	5325658	[T/C]	NA
Ca_Desi_Chrom_1_5325659	Ca_desi_chr01	5325659	[G/T]	NA
Ca_Desi_Chrom_1_5418081	Ca_desi_chr01	5418081	[T/C]	NA
Ca_Desi_Chrom_1_5428987	Ca_desi_chr01	5428987	[A/C]	NA
Ca_Desi_Chrom_1_5428991	Ca_desi_chr01	5428991	[T/G]	NA
Ca_Desi_Chrom_1_5428996	Ca_desi_chr01	5428996	[T/C]	NA
Ca_Desi_Chrom_1_5429008	Ca_desi_chr01	5429008	[T/G]	NA
Ca_Desi_Chrom_1_5429017	Ca_desi_chr01	5429017	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_5446600	Ca_desi_chr01	5446600	[T/A]	NA
Ca_Desi_Chrom_1_5498897	Ca_desi_chr01	5498897	[G/A]	NA
Ca_Desi_Chrom_1_5498926	Ca_desi_chr01	5498926	[G/A]	NA
Ca_Desi_Chrom_1_5536536	Ca_desi_chr01	5536536	[T/C]	NA
Ca_Desi_Chrom_1_5537397	Ca_desi_chr01	5537397	[T/A]	NA
Ca_Desi_Chrom_1_5605853	Ca_desi_chr01	5605853	[A/G]	NA
Ca_Desi_Chrom_1_5605857	Ca_desi_chr01	5605857	[T/G]	NA
Ca_Desi_Chrom_1_5605878	Ca_desi_chr01	5605878	[A/G]	NA
Ca_Desi_Chrom_1_5605898	Ca_desi_chr01	5605898	[A/T]	NA
Ca_Desi_Chrom_1_5605932	Ca_desi_chr01	5605932	[T/G]	NA
Ca_Desi_Chrom_1_5631421	Ca_desi_chr01	5631421	[T/C]	NA
Ca_Desi_Chrom_1_5631425	Ca_desi_chr01	5631425	[T/G]	NA
Ca_Desi_Chrom_1_5631427	Ca_desi_chr01	5631427	[T/G]	NA
Ca_Desi_Chrom_1_5631434	Ca_desi_chr01	5631434	[G/A]	NA
Ca_Desi_Chrom_1_5645008	Ca_desi_chr01	5645008	[A/C]	NA
Ca_Desi_Chrom_1_5645440	Ca_desi_chr01	5645440	[A/G]	NA
Ca_Desi_Chrom_1_5645458	Ca_desi_chr01	5645458	[A/G]	NA
Ca_Desi_Chrom_1_5676625	Ca_desi_chr01	5676625	[T/G]	NA
Ca_Desi_Chrom_1_5704266	Ca_desi_chr01	5704266	[A/C]	NA
Ca_Desi_Chrom_1_5745978	Ca_desi_chr01	5745978	[A/G]	NA
Ca_Desi_Chrom_1_5775874	Ca_desi_chr01	5775874	[T/C]	NA
Ca_Desi_Chrom_1_5776295	Ca_desi_chr01	5776295	[A/G]	NA
Ca_Desi_Chrom_1_5776303	Ca_desi_chr01	5776303	[T/A]	NA
Ca_Desi_Chrom_1_5776357	Ca_desi_chr01	5776357	[T/C]	NA
Ca_Desi_Chrom_1_5776375	Ca_desi_chr01	5776375	[T/G]	NA
Ca_Desi_Chrom_1_5778049	Ca_desi_chr01	5778049	[T/G]	NA
Ca_Desi_Chrom_1_5778100	Ca_desi_chr01	5778100	[A/G]	NA
Ca_Desi_Chrom_1_5807563	Ca_desi_chr01	5807563	[A/G]	NA
Ca_Desi_Chrom_1_5807567	Ca_desi_chr01	5807567	[C/G]	NA
Ca_Desi_Chrom_1_5807568	Ca_desi_chr01	5807568	[A/G]	NA
Ca_Desi_Chrom_1_5808524	Ca_desi_chr01	5808524	[T/G]	NA
Ca_Desi_Chrom_1_5854367	Ca_desi_chr01	5854367	[A/G]	NA
Ca_Desi_Chrom_1_5854372	Ca_desi_chr01	5854372	[T/C]	NA
Ca_Desi_Chrom_1_5854373	Ca_desi_chr01	5854373	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_5897095	Ca_desi_chr01	5897095	[G/T]	NA
Ca_Desi_Chrom_1_5923406	Ca_desi_chr01	5923406	[A/G]	NA
Ca_Desi_Chrom_1_5923417	Ca_desi_chr01	5923417	[T/C]	NA
Ca_Desi_Chrom_1_6037738	Ca_desi_chr01	6037738	[T/G]	NA
Ca_Desi_Chrom_1_6037741	Ca_desi_chr01	6037741	[T/G]	NA
Ca_Desi_Chrom_1_6037760	Ca_desi_chr01	6037760	[A/G]	NA
Ca_Desi_Chrom_1_6085137	Ca_desi_chr01	6085137	[T/C]	NA
Ca_Desi_Chrom_1_6107956	Ca_desi_chr01	6107956	[T/C]	NA
Ca_Desi_Chrom_1_6107959	Ca_desi_chr01	6107959	[T/A]	NA
Ca_Desi_Chrom_1_6107975	Ca_desi_chr01	6107975	[T/C]	NA
Ca_Desi_Chrom_1_6107977	Ca_desi_chr01	6107977	[T/C]	NA
Ca_Desi_Chrom_1_6107986	Ca_desi_chr01	6107986	[A/G]	NA
Ca_Desi_Chrom_1_6107993	Ca_desi_chr01	6107993	[A/C]	NA
Ca_Desi_Chrom_1_6108002	Ca_desi_chr01	6108002	[A/T]	NA
Ca_Desi_Chrom_1_6108125	Ca_desi_chr01	6108125	[T/C]	NA
Ca_Desi_Chrom_1_6108144	Ca_desi_chr01	6108144	[A/C]	NA
Ca_Desi_Chrom_1_6108149	Ca_desi_chr01	6108149	[A/C]	NA
Ca_Desi_Chrom_1_6108153	Ca_desi_chr01	6108153	[T/C]	NA
Ca_Desi_Chrom_1_6108171	Ca_desi_chr01	6108171	[A/G]	NA
Ca_Desi_Chrom_1_6112183	Ca_desi_chr01	6112183	[T/C]	NA
Ca_Desi_Chrom_1_6112215	Ca_desi_chr01	6112215	[T/C]	NA
Ca_Desi_Chrom_1_6112231	Ca_desi_chr01	6112231	[C/A]	NA
Ca_Desi_Chrom_1_6141126	Ca_desi_chr01	6141126	[A/C]	NA
Ca_Desi_Chrom_1_6141133	Ca_desi_chr01	6141133	[A/C]	NA
Ca_Desi_Chrom_1_6149342	Ca_desi_chr01	6149342	[T/G]	NA
Ca_Desi_Chrom_1_6149351	Ca_desi_chr01	6149351	[T/G]	NA
Ca_Desi_Chrom_1_6151735	Ca_desi_chr01	6151735	[T/C]	NA
Ca_Desi_Chrom_1_6152480	Ca_desi_chr01	6152480	[C/T]	NA
Ca_Desi_Chrom_1_6255031	Ca_desi_chr01	6255031	[A/C]	NA
Ca_Desi_Chrom_1_6255122	Ca_desi_chr01	6255122	[G/C]	NA
Ca_Desi_Chrom_1_6265874	Ca_desi_chr01	6265874	[T/C]	NA
Ca_Desi_Chrom_1_6265884	Ca_desi_chr01	6265884	[T/C]	NA
Ca_Desi_Chrom_1_6265895	Ca_desi_chr01	6265895	[T/G]	NA
Ca_Desi_Chrom_1_6265914	Ca_desi_chr01	6265914	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_6309686	Ca_desi_chr01	6309686	[A/G]	NA
Ca_Desi_Chrom_1_6309699	Ca_desi_chr01	6309699	[T/A]	NA
Ca_Desi_Chrom_1_6314614	Ca_desi_chr01	6314614	[A/T]	NA
Ca_Desi_Chrom_1_6314619	Ca_desi_chr01	6314619	[A/G]	NA
Ca_Desi_Chrom_1_6314632	Ca_desi_chr01	6314632	[T/C]	NA
Ca_Desi_Chrom_1_6314655	Ca_desi_chr01	6314655	[T/G]	NA
Ca_Desi_Chrom_1_6314660	Ca_desi_chr01	6314660	[T/G]	NA
Ca_Desi_Chrom_1_6318909	Ca_desi_chr01	6318909	[A/G]	NA
Ca_Desi_Chrom_1_6319020	Ca_desi_chr01	6319020	[C/T]	NA
Ca_Desi_Chrom_1_6319021	Ca_desi_chr01	6319021	[G/C]	NA
Ca_Desi_Chrom_1_6319022	Ca_desi_chr01	6319022	[G/T]	NA
Ca_Desi_Chrom_1_6319039	Ca_desi_chr01	6319039	[A/C]	NA
Ca_Desi_Chrom_1_6319042	Ca_desi_chr01	6319042	[A/C]	NA
Ca_Desi_Chrom_1_6333298	Ca_desi_chr01	6333298	[A/C]	NA
Ca_Desi_Chrom_1_6333313	Ca_desi_chr01	6333313	[T/C]	NA
Ca_Desi_Chrom_1_6333321	Ca_desi_chr01	6333321	[T/C]	NA
Ca_Desi_Chrom_1_6333325	Ca_desi_chr01	6333325	[A/G]	NA
Ca_Desi_Chrom_1_6333411	Ca_desi_chr01	6333411	[A/C]	NA
Ca_Desi_Chrom_1_6333416	Ca_desi_chr01	6333416	[T/G]	NA
Ca_Desi_Chrom_1_6333439	Ca_desi_chr01	6333439	[A/C]	NA
Ca_Desi_Chrom_1_6379006	Ca_desi_chr01	6379006	[A/G]	NA
Ca_Desi_Chrom_1_6379018	Ca_desi_chr01	6379018	[T/C]	NA
Ca_Desi_Chrom_1_6379037	Ca_desi_chr01	6379037	[A/G]	NA
Ca_Desi_Chrom_1_6379981	Ca_desi_chr01	6379981	[T/G]	NA
Ca_Desi_Chrom_1_6733205	Ca_desi_chr01	6733205	[A/C]	NA
Ca_Desi_Chrom_1_6747889	Ca_desi_chr01	6747889	[T/C]	NA
Ca_Desi_Chrom_1_6747891	Ca_desi_chr01	6747891	[T/C]	NA
Ca_Desi_Chrom_1_6750106	Ca_desi_chr01	6750106	[T/C]	NA
Ca_Desi_Chrom_1_6752118	Ca_desi_chr01	6752118	[T/C]	NA
Ca_Desi_Chrom_1_6798203	Ca_desi_chr01	6798203	[T/C]	NA
Ca_Desi_Chrom_1_6798225	Ca_desi_chr01	6798225	[A/G]	NA
Ca_Desi_Chrom_1_6835265	Ca_desi_chr01	6835265	[G/T]	NA
Ca_Desi_Chrom_1_6835266	Ca_desi_chr01	6835266	[T/C]	NA
Ca_Desi_Chrom_1_6835267	Ca_desi_chr01	6835267	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_6836135	Ca_desi_chr01	6836135	[A/T]	NA
Ca_Desi_Chrom_1_6859622	Ca_desi_chr01	6859622	[A/G]	NA
Ca_Desi_Chrom_1_6859628	Ca_desi_chr01	6859628	[G/A]	NA
Ca_Desi_Chrom_1_6859634	Ca_desi_chr01	6859634	[T/C]	NA
Ca_Desi_Chrom_1_6859661	Ca_desi_chr01	6859661	[C/A]	NA
Ca_Desi_Chrom_1_6862924	Ca_desi_chr01	6862924	[A/C]	NA
Ca_Desi_Chrom_1_6918766	Ca_desi_chr01	6918766	[T/A]	NA
Ca_Desi_Chrom_1_6918782	Ca_desi_chr01	6918782	[G/T]	NA
Ca_Desi_Chrom_1_6918819	Ca_desi_chr01	6918819	[T/A]	NA
Ca_Desi_Chrom_1_6945781	Ca_desi_chr01	6945781	[T/C]	NA
Ca_Desi_Chrom_1_6945783	Ca_desi_chr01	6945783	[T/C]	NA
Ca_Desi_Chrom_1_6945792	Ca_desi_chr01	6945792	[T/C]	NA
Ca_Desi_Chrom_1_6945801	Ca_desi_chr01	6945801	[A/C]	NA
Ca_Desi_Chrom_1_6945816	Ca_desi_chr01	6945816	[A/G]	NA
Ca_Desi_Chrom_1_6945818	Ca_desi_chr01	6945818	[T/C]	NA
Ca_Desi_Chrom_1_6945819	Ca_desi_chr01	6945819	[G/T]	NA
Ca_Desi_Chrom_1_6945822	Ca_desi_chr01	6945822	[C/T]	NA
Ca_Desi_Chrom_1_6946116	Ca_desi_chr01	6946116	[A/T]	NA
Ca_Desi_Chrom_1_6956513	Ca_desi_chr01	6956513	[G/A]	NA
Ca_Desi_Chrom_1_7013165	Ca_desi_chr01	7013165	[A/G]	NA
Ca_Desi_Chrom_1_7013172	Ca_desi_chr01	7013172	[A/G]	NA
Ca_Desi_Chrom_1_7013184	Ca_desi_chr01	7013184	[A/G]	NA
Ca_Desi_Chrom_1_7013204	Ca_desi_chr01	7013204	[T/G]	NA
Ca_Desi_Chrom_1_7013222	Ca_desi_chr01	7013222	[A/G]	NA
Ca_Desi_Chrom_1_7013225	Ca_desi_chr01	7013225	[A/T]	NA
Ca_Desi_Chrom_1_7143434	Ca_desi_chr01	7143434	[T/C]	NA
Ca_Desi_Chrom_1_7194317	Ca_desi_chr01	7194317	[T/C]	NA
Ca_Desi_Chrom_1_7194320	Ca_desi_chr01	7194320	[A/G]	NA
Ca_Desi_Chrom_1_7194328	Ca_desi_chr01	7194328	[T/G]	NA
Ca_Desi_Chrom_1_7194346	Ca_desi_chr01	7194346	[A/T]	NA
Ca_Desi_Chrom_1_7253375	Ca_desi_chr01	7253375	[T/G]	NA
Ca_Desi_Chrom_1_7253386	Ca_desi_chr01	7253386	[T/G]	NA
Ca_Desi_Chrom_1_7255522	Ca_desi_chr01	7255522	[A/C]	NA
Ca_Desi_Chrom_1_7282698	Ca_desi_chr01	7282698	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_7282703	Ca_desi_chr01	7282703	[T/G]	NA
Ca_Desi_Chrom_1_7383248	Ca_desi_chr01	7383248	[T/G]	NA
Ca_Desi_Chrom_1_7383770	Ca_desi_chr01	7383770	[T/G]	NA
Ca_Desi_Chrom_1_7383784	Ca_desi_chr01	7383784	[A/G]	NA
Ca_Desi_Chrom_1_7452534	Ca_desi_chr01	7452534	[A/T]	NA
Ca_Desi_Chrom_1_7452535	Ca_desi_chr01	7452535	[T/A]	NA
Ca_Desi_Chrom_1_7452536	Ca_desi_chr01	7452536	[C/A]	NA
Ca_Desi_Chrom_1_7452537	Ca_desi_chr01	7452537	[T/G]	NA
Ca_Desi_Chrom_1_7489471	Ca_desi_chr01	7489471	[T/A]	NA
Ca_Desi_Chrom_1_7489492	Ca_desi_chr01	7489492	[T/A]	NA
Ca_Desi_Chrom_1_7489519	Ca_desi_chr01	7489519	[T/A]	NA
Ca_Desi_Chrom_1_7606885	Ca_desi_chr01	7606885	[C/G]	NA
Ca_Desi_Chrom_1_7606933	Ca_desi_chr01	7606933	[C/T]	NA
Ca_Desi_Chrom_1_7632274	Ca_desi_chr01	7632274	[G/T]	NA
Ca_Desi_Chrom_1_7632275	Ca_desi_chr01	7632275	[T/A]	NA
Ca_Desi_Chrom_1_7632307	Ca_desi_chr01	7632307	[A/G]	NA
Ca_Desi_Chrom_1_7632356	Ca_desi_chr01	7632356	[C/T]	NA
Ca_Desi_Chrom_1_7665478	Ca_desi_chr01	7665478	[T/A]	NA
Ca_Desi_Chrom_1_7669587	Ca_desi_chr01	7669587	[A/G]	NA
Ca_Desi_Chrom_1_7674913	Ca_desi_chr01	7674913	[T/C]	NA
Ca_Desi_Chrom_1_7674926	Ca_desi_chr01	7674926	[T/G]	NA
Ca_Desi_Chrom_1_7712731	Ca_desi_chr01	7712731	[T/C]	NA
Ca_Desi_Chrom_1_7712744	Ca_desi_chr01	7712744	[A/T]	NA
Ca_Desi_Chrom_1_7917190	Ca_desi_chr01	7917190	[A/T]	NA
Ca_Desi_Chrom_1_7940077	Ca_desi_chr01	7940077	[T/A]	NA
Ca_Desi_Chrom_1_7940088	Ca_desi_chr01	7940088	[A/C]	NA
Ca_Desi_Chrom_1_7940111	Ca_desi_chr01	7940111	[T/G]	NA
Ca_Desi_Chrom_1_8219724	Ca_desi_chr01	8219724	[C/T]	NA
Ca_Desi_Chrom_1_8221010	Ca_desi_chr01	8221010	[A/C]	NA
Ca_Desi_Chrom_1_8232979	Ca_desi_chr01	8232979	[A/G]	NA
Ca_Desi_Chrom_1_8232988	Ca_desi_chr01	8232988	[A/G]	NA
Ca_Desi_Chrom_1_8232993	Ca_desi_chr01	8232993	[A/G]	NA
Ca_Desi_Chrom_1_8232998	Ca_desi_chr01	8232998	[T/G]	NA
Ca_Desi_Chrom_1_8233002	Ca_desi_chr01	8233002	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_8233006	Ca_desi_chr01	8233006	[T/C]	NA
Ca_Desi_Chrom_1_8276418	Ca_desi_chr01	8276418	[T/C]	NA
Ca_Desi_Chrom_1_8276422	Ca_desi_chr01	8276422	[T/C]	NA
Ca_Desi_Chrom_1_8276424	Ca_desi_chr01	8276424	[A/G]	NA
Ca_Desi_Chrom_1_8276426	Ca_desi_chr01	8276426	[T/G]	NA
Ca_Desi_Chrom_1_8276440	Ca_desi_chr01	8276440	[A/G]	NA
Ca_Desi_Chrom_1_8276478	Ca_desi_chr01	8276478	[A/G]	NA
Ca_Desi_Chrom_1_8318581	Ca_desi_chr01	8318581	[T/G]	NA
Ca_Desi_Chrom_1_8351754	Ca_desi_chr01	8351754	[A/G]	NA
Ca_Desi_Chrom_1_8351766	Ca_desi_chr01	8351766	[A/C]	NA
Ca_Desi_Chrom_1_8351802	Ca_desi_chr01	8351802	[A/G]	NA
Ca_Desi_Chrom_1_8351809	Ca_desi_chr01	8351809	[A/G]	NA
Ca_Desi_Chrom_1_8365693	Ca_desi_chr01	8365693	[T/A]	NA
Ca_Desi_Chrom_1_8372866	Ca_desi_chr01	8372866	[A/C]	NA
Ca_Desi_Chrom_1_8375608	Ca_desi_chr01	8375608	[A/G]	NA
Ca_Desi_Chrom_1_8375630	Ca_desi_chr01	8375630	[T/G]	NA
Ca_Desi_Chrom_1_8390584	Ca_desi_chr01	8390584	[A/C]	NA
Ca_Desi_Chrom_1_8398205	Ca_desi_chr01	8398205	[A/C]	NA
Ca_Desi_Chrom_1_8416742	Ca_desi_chr01	8416742	[T/C]	NA
Ca_Desi_Chrom_1_8416760	Ca_desi_chr01	8416760	[A/C]	NA
Ca_Desi_Chrom_1_8738253	Ca_desi_chr01	8738253	[T/G]	NA
Ca_Desi_Chrom_1_8785536	Ca_desi_chr01	8785536	[A/G]	NA
Ca_Desi_Chrom_1_8786915	Ca_desi_chr01	8786915	[T/G]	NA
Ca_Desi_Chrom_1_8871880	Ca_desi_chr01	8871880	[T/C]	NA
Ca_Desi_Chrom_1_8871912	Ca_desi_chr01	8871912	[T/G]	NA
Ca_Desi_Chrom_1_8902146	Ca_desi_chr01	8902146	[C/A]	NA
Ca_Desi_Chrom_1_8902154	Ca_desi_chr01	8902154	[C/T]	NA
Ca_Desi_Chrom_1_8934250	Ca_desi_chr01	8934250	[T/C]	NA
Ca_Desi_Chrom_1_8973166	Ca_desi_chr01	8973166	[T/C]	NA
Ca_Desi_Chrom_1_8988073	Ca_desi_chr01	8988073	[G/A]	NA
Ca_Desi_Chrom_1_8988083	Ca_desi_chr01	8988083	[C/T]	NA
Ca_Desi_Chrom_1_8988088	Ca_desi_chr01	8988088	[A/C]	NA
Ca_Desi_Chrom_1_8988091	Ca_desi_chr01	8988091	[G/C]	NA
Ca_Desi_Chrom_1_8988092	Ca_desi_chr01	8988092	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_9022980	Ca_desi_chr01	9022980	[T/C]	NA
Ca_Desi_Chrom_1_9022983	Ca_desi_chr01	9022983	[A/G]	NA
Ca_Desi_Chrom_1_9022987	Ca_desi_chr01	9022987	[T/C]	NA
Ca_Desi_Chrom_1_9023008	Ca_desi_chr01	9023008	[T/C]	NA
Ca_Desi_Chrom_1_9023018	Ca_desi_chr01	9023018	[A/G]	NA
Ca_Desi_Chrom_1_9023283	Ca_desi_chr01	9023283	[A/C]	NA
Ca_Desi_Chrom_1_9028906	Ca_desi_chr01	9028906	[A/T]	NA
Ca_Desi_Chrom_1_9029900	Ca_desi_chr01	9029900	[A/G]	NA
Ca_Desi_Chrom_1_9030074	Ca_desi_chr01	9030074	[A/C]	NA
Ca_Desi_Chrom_1_9193853	Ca_desi_chr01	9193853	[A/G]	NA
Ca_Desi_Chrom_1_9193872	Ca_desi_chr01	9193872	[T/G]	NA
Ca_Desi_Chrom_1_9193878	Ca_desi_chr01	9193878	[T/G]	NA
Ca_Desi_Chrom_1_9216572	Ca_desi_chr01	9216572	[T/C]	NA
Ca_Desi_Chrom_1_9216596	Ca_desi_chr01	9216596	[A/C]	NA
Ca_Desi_Chrom_1_9216611	Ca_desi_chr01	9216611	[A/C]	NA
Ca_Desi_Chrom_1_9217172	Ca_desi_chr01	9217172	[A/G]	NA
Ca_Desi_Chrom_1_9217272	Ca_desi_chr01	9217272	[A/C]	NA
Ca_Desi_Chrom_1_9217363	Ca_desi_chr01	9217363	[C/A]	NA
Ca_Desi_Chrom_1_9217425	Ca_desi_chr01	9217425	[A/C]	NA
Ca_Desi_Chrom_1_9217558	Ca_desi_chr01	9217558	[A/C]	NA
Ca_Desi_Chrom_1_9217567	Ca_desi_chr01	9217567	[A/C]	NA
Ca_Desi_Chrom_1_9217931	Ca_desi_chr01	9217931	[A/C]	NA
Ca_Desi_Chrom_1_9217933	Ca_desi_chr01	9217933	[A/G]	NA
Ca_Desi_Chrom_1_9218868	Ca_desi_chr01	9218868	[A/G]	NA
Ca_Desi_Chrom_1_9242309	Ca_desi_chr01	9242309	[T/A]	NA
Ca_Desi_Chrom_1_9265798	Ca_desi_chr01	9265798	[G/T]	NA
Ca_Desi_Chrom_1_9297444	Ca_desi_chr01	9297444	[T/G]	NA
Ca_Desi_Chrom_1_9297467	Ca_desi_chr01	9297467	[G/T]	NA
Ca_Desi_Chrom_1_9350681	Ca_desi_chr01	9350681	[A/C]	NA
Ca_Desi_Chrom_1_9356038	Ca_desi_chr01	9356038	[A/C]	NA
Ca_Desi_Chrom_1_9356060	Ca_desi_chr01	9356060	[T/A]	NA
Ca_Desi_Chrom_1_9361622	Ca_desi_chr01	9361622	[T/C]	NA
Ca_Desi_Chrom_1_9362439	Ca_desi_chr01	9362439	[A/C]	NA
Ca_Desi_Chrom_1_9362450	Ca_desi_chr01	9362450	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_9362470	Ca_desi_chr01	9362470	[A/C]	NA
Ca_Desi_Chrom_1_9743611	Ca_desi_chr01	9743611	[G/T]	NA
Ca_Desi_Chrom_1_9808324	Ca_desi_chr01	9808324	[C/A]	NA
Ca_Desi_Chrom_1_9808325	Ca_desi_chr01	9808325	[C/G]	NA
Ca_Desi_Chrom_1_9808326	Ca_desi_chr01	9808326	[T/A]	NA
Ca_Desi_Chrom_1_10012838	Ca_desi_chr01	10012838	[A/C]	NA
Ca_Desi_Chrom_1_10039233	Ca_desi_chr01	10039233	[T/C]	NA
Ca_Desi_Chrom_1_10039245	Ca_desi_chr01	10039245	[A/C]	NA
Ca_Desi_Chrom_1_10076230	Ca_desi_chr01	10076230	[C/A]	NA
Ca_Desi_Chrom_1_10076231	Ca_desi_chr01	10076231	[C/T]	NA
Ca_Desi_Chrom_1_10076232	Ca_desi_chr01	10076232	[G/C]	NA
Ca_Desi_Chrom_1_10076233	Ca_desi_chr01	10076233	[G/T]	NA
Ca_Desi_Chrom_1_10102257	Ca_desi_chr01	10102257	[A/C]	NA
Ca_Desi_Chrom_1_10150162	Ca_desi_chr01	10150162	[C/T]	NA
Ca_Desi_Chrom_1_10197211	Ca_desi_chr01	10197211	[C/A]	NA
Ca_Desi_Chrom_1_10197212	Ca_desi_chr01	10197212	[A/G]	NA
Ca_Desi_Chrom_1_10209832	Ca_desi_chr01	10209832	[A/C]	NA
Ca_Desi_Chrom_1_10288683	Ca_desi_chr01	10288683	[T/G]	NA
Ca_Desi_Chrom_1_10292762	Ca_desi_chr01	10292762	[T/A]	NA
Ca_Desi_Chrom_1_10326430	Ca_desi_chr01	10326430	[T/G]	NA
Ca_Desi_Chrom_1_10329721	Ca_desi_chr01	10329721	[A/G]	NA
Ca_Desi_Chrom_1_10329749	Ca_desi_chr01	10329749	[A/C]	NA
Ca_Desi_Chrom_1_10329754	Ca_desi_chr01	10329754	[G/A]	NA
Ca_Desi_Chrom_1_10329756	Ca_desi_chr01	10329756	[T/C]	NA
Ca_Desi_Chrom_1_10331523	Ca_desi_chr01	10331523	[A/G]	NA
Ca_Desi_Chrom_1_10331526	Ca_desi_chr01	10331526	[A/G]	NA
Ca_Desi_Chrom_1_10331535	Ca_desi_chr01	10331535	[A/G]	NA
Ca_Desi_Chrom_1_10331538	Ca_desi_chr01	10331538	[T/C]	NA
Ca_Desi_Chrom_1_10331541	Ca_desi_chr01	10331541	[T/C]	NA
Ca_Desi_Chrom_1_10331548	Ca_desi_chr01	10331548	[A/G]	NA
Ca_Desi_Chrom_1_10331553	Ca_desi_chr01	10331553	[A/G]	NA
Ca_Desi_Chrom_1_10331562	Ca_desi_chr01	10331562	[A/G]	NA
Ca_Desi_Chrom_1_10339620	Ca_desi_chr01	10339620	[T/G]	NA
Ca_Desi_Chrom_1_10366520	Ca_desi_chr01	10366520	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_10371008	Ca_desi_chr01	10371008	[A/T]	NA
Ca_Desi_Chrom_1_10371022	Ca_desi_chr01	10371022	[T/A]	NA
Ca_Desi_Chrom_1_10371032	Ca_desi_chr01	10371032	[A/G]	NA
Ca_Desi_Chrom_1_10441613	Ca_desi_chr01	10441613	[G/A]	NA
Ca_Desi_Chrom_1_10441631	Ca_desi_chr01	10441631	[A/T]	NA
Ca_Desi_Chrom_1_10441640	Ca_desi_chr01	10441640	[A/G]	NA
Ca_Desi_Chrom_1_10441697	Ca_desi_chr01	10441697	[C/A]	NA
Ca_Desi_Chrom_1_10441699	Ca_desi_chr01	10441699	[A/G]	NA
Ca_Desi_Chrom_1_10441719	Ca_desi_chr01	10441719	[G/A]	NA
Ca_Desi_Chrom_1_10441750	Ca_desi_chr01	10441750	[T/C]	NA
Ca_Desi_Chrom_1_10441806	Ca_desi_chr01	10441806	[A/C]	NA
Ca_Desi_Chrom_1_10441837	Ca_desi_chr01	10441837	[A/G]	NA
Ca_Desi_Chrom_1_10525376	Ca_desi_chr01	10525376	[A/G]	NA
Ca_Desi_Chrom_1_10525418	Ca_desi_chr01	10525418	[T/G]	NA
Ca_Desi_Chrom_1_10525426	Ca_desi_chr01	10525426	[T/A]	NA
Ca_Desi_Chrom_1_10525507	Ca_desi_chr01	10525507	[T/A]	NA
Ca_Desi_Chrom_1_10525509	Ca_desi_chr01	10525509	[G/T]	NA
Ca_Desi_Chrom_1_10525544	Ca_desi_chr01	10525544	[A/C]	NA
Ca_Desi_Chrom_1_10530998	Ca_desi_chr01	10530998	[C/T]	NA
Ca_Desi_Chrom_1_10530999	Ca_desi_chr01	10530999	[T/C]	NA
Ca_Desi_Chrom_1_10531007	Ca_desi_chr01	10531007	[T/G]	NA
Ca_Desi_Chrom_1_10539706	Ca_desi_chr01	10539706	[T/C]	NA
Ca_Desi_Chrom_1_10539735	Ca_desi_chr01	10539735	[A/C]	NA
Ca_Desi_Chrom_1_10723310	Ca_desi_chr01	10723310	[A/G]	NA
Ca_Desi_Chrom_1_10723320	Ca_desi_chr01	10723320	[T/G]	NA
Ca_Desi_Chrom_1_10726182	Ca_desi_chr01	10726182	[T/C]	NA
Ca_Desi_Chrom_1_10741072	Ca_desi_chr01	10741072	[A/C]	NA
Ca_Desi_Chrom_1_10763967	Ca_desi_chr01	10763967	[A/G]	NA
Ca_Desi_Chrom_1_10763991	Ca_desi_chr01	10763991	[A/G]	NA
Ca_Desi_Chrom_1_10763995	Ca_desi_chr01	10763995	[A/G]	NA
Ca_Desi_Chrom_1_10764000	Ca_desi_chr01	10764000	[A/G]	NA
Ca_Desi_Chrom_1_10778822	Ca_desi_chr01	10778822	[A/C]	NA
Ca_Desi_Chrom_1_10778823	Ca_desi_chr01	10778823	[G/T]	NA
Ca_Desi_Chrom_1_10778824	Ca_desi_chr01	10778824	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_10778825	Ca_desi_chr01	10778825	[T/A]	NA
Ca_Desi_Chrom_1_10873943	Ca_desi_chr01	10873943	[C/A]	NA
Ca_Desi_Chrom_1_10873944	Ca_desi_chr01	10873944	[T/G]	NA
Ca_Desi_Chrom_1_10873945	Ca_desi_chr01	10873945	[T/A]	NA
Ca_Desi_Chrom_1_10873946	Ca_desi_chr01	10873946	[A/T]	NA
Ca_Desi_Chrom_1_10888834	Ca_desi_chr01	10888834	[C/A]	NA
Ca_Desi_Chrom_1_10891980	Ca_desi_chr01	10891980	[A/C]	NA
Ca_Desi_Chrom_1_10892013	Ca_desi_chr01	10892013	[A/C]	NA
Ca_Desi_Chrom_1_10892555	Ca_desi_chr01	10892555	[A/C]	NA
Ca_Desi_Chrom_1_10893257	Ca_desi_chr01	10893257	[T/C]	NA
Ca_Desi_Chrom_1_10893270	Ca_desi_chr01	10893270	[T/C]	NA
Ca_Desi_Chrom_1_10893917	Ca_desi_chr01	10893917	[T/G]	NA
Ca_Desi_Chrom_1_10893921	Ca_desi_chr01	10893921	[T/G]	NA
Ca_Desi_Chrom_1_10893923	Ca_desi_chr01	10893923	[A/T]	NA
Ca_Desi_Chrom_1_10893939	Ca_desi_chr01	10893939	[T/A]	NA
Ca_Desi_Chrom_1_10970320	Ca_desi_chr01	10970320	[C/A]	NA
Ca_Desi_Chrom_1_10970322	Ca_desi_chr01	10970322	[T/A]	NA
Ca_Desi_Chrom_1_10970324	Ca_desi_chr01	10970324	[A/C]	NA
Ca_Desi_Chrom_1_10970326	Ca_desi_chr01	10970326	[T/G]	NA
Ca_Desi_Chrom_1_11071982	Ca_desi_chr01	11071982	[A/C]	NA
Ca_Desi_Chrom_1_11109217	Ca_desi_chr01	11109217	[A/C]	NA
Ca_Desi_Chrom_1_11109229	Ca_desi_chr01	11109229	[A/G]	NA
Ca_Desi_Chrom_1_11203460	Ca_desi_chr01	11203460	[T/G]	NA
Ca_Desi_Chrom_1_11208230	Ca_desi_chr01	11208230	[T/G]	NA
Ca_Desi_Chrom_1_11208245	Ca_desi_chr01	11208245	[A/C]	NA
Ca_Desi_Chrom_1_11255584	Ca_desi_chr01	11255584	[T/G]	NA
Ca_Desi_Chrom_1_11305633	Ca_desi_chr01	11305633	[T/G]	NA
Ca_Desi_Chrom_1_11403246	Ca_desi_chr01	11403246	[T/C]	NA
Ca_Desi_Chrom_1_11403267	Ca_desi_chr01	11403267	[A/G]	NA
Ca_Desi_Chrom_1_11442093	Ca_desi_chr01	11442093	[A/G]	NA
Ca_Desi_Chrom_1_11442116	Ca_desi_chr01	11442116	[T/A]	NA
Ca_Desi_Chrom_1_11457196	Ca_desi_chr01	11457196	[T/C]	NA
Ca_Desi_Chrom_1_11470507	Ca_desi_chr01	11470507	[A/C]	NA
Ca_Desi_Chrom_1_11521599	Ca_desi_chr01	11521599	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_1_11521627	Ca_desig_chr01	11521627	[T/C]	NA
Ca_Desig_Chr_1_11521638	Ca_desig_chr01	11521638	[T/C]	NA
Ca_Desig_Chr_1_11521732	Ca_desig_chr01	11521732	[G/T]	NA
Ca_Desig_Chr_1_11522463	Ca_desig_chr01	11522463	[A/C]	NA
Ca_Desig_Chr_1_11523137	Ca_desig_chr01	11523137	[T/A]	NA
Ca_Desig_Chr_1_11523158	Ca_desig_chr01	11523158	[A/C]	NA
Ca_Desig_Chr_1_11569811	Ca_desig_chr01	11569811	[A/C]	NA
Ca_Desig_Chr_1_11586936	Ca_desig_chr01	11586936	[T/C]	NA
Ca_Desig_Chr_1_11587001	Ca_desig_chr01	11587001	[A/G]	NA
Ca_Desig_Chr_1_11909488	Ca_desig_chr01	11909488	[A/G]	NA
Ca_Desig_Chr_1_11909509	Ca_desig_chr01	11909509	[T/C]	NA
Ca_Desig_Chr_1_11909533	Ca_desig_chr01	11909533	[T/G]	NA
Ca_Desig_Chr_1_11929981	Ca_desig_chr01	11929981	[C/T]	NA
Ca_Desig_Chr_1_11940120	Ca_desig_chr01	11940120	[T/G]	NA
Ca_Desig_Chr_1_11968306	Ca_desig_chr01	11968306	[A/G]	NA
Ca_Desig_Chr_1_12086680	Ca_desig_chr01	12086680	[T/A]	NA
Ca_Desig_Chr_1_12137403	Ca_desig_chr01	12137403	[T/G]	NA
Ca_Desig_Chr_1_12137406	Ca_desig_chr01	12137406	[T/G]	NA
Ca_Desig_Chr_1_12141258	Ca_desig_chr01	12141258	[A/G]	NA
Ca_Desig_Chr_1_12155910	Ca_desig_chr01	12155910	[T/G]	NA
Ca_Desig_Chr_1_12155983	Ca_desig_chr01	12155983	[G/T]	NA
Ca_Desig_Chr_1_12162733	Ca_desig_chr01	12162733	[A/T]	NA
Ca_Desig_Chr_1_12162779	Ca_desig_chr01	12162779	[T/C]	NA
Ca_Desig_Chr_1_12162855	Ca_desig_chr01	12162855	[A/C]	NA
Ca_Desig_Chr_1_12189288	Ca_desig_chr01	12189288	[A/C]	NA
Ca_Desig_Chr_1_12192033	Ca_desig_chr01	12192033	[T/G]	NA
Ca_Desig_Chr_1_12192083	Ca_desig_chr01	12192083	[T/C]	NA
Ca_Desig_Chr_1_12192100	Ca_desig_chr01	12192100	[T/C]	NA
Ca_Desig_Chr_1_12192102	Ca_desig_chr01	12192102	[A/G]	NA
Ca_Desig_Chr_1_12192120	Ca_desig_chr01	12192120	[A/G]	NA
Ca_Desig_Chr_1_13584259	Ca_desig_chr01	13584259	[A/G]	NA
Ca_Desig_Chr_1_13590315	Ca_desig_chr01	13590315	[A/G]	NA
Ca_Desig_Chr_1_13590326	Ca_desig_chr01	13590326	[T/C]	NA
Ca_Desig_Chr_1_13590364	Ca_desig_chr01	13590364	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_13590369	Ca_desi_chrom01	13590369	[A/G]	NA
Ca_Desi_Chrom_1_13592155	Ca_desi_chrom01	13592155	[T/G]	NA
Ca_Desi_Chrom_1_13592851	Ca_desi_chrom01	13592851	[A/C]	NA
Ca_Desi_Chrom_1_13598225	Ca_desi_chrom01	13598225	[A/C]	NA
Ca_Desi_Chrom_1_13602414	Ca_desi_chrom01	13602414	[A/G]	NA
Ca_Desi_Chrom_1_13602415	Ca_desi_chrom01	13602415	[C/T]	NA
Ca_Desi_Chrom_1_13602470	Ca_desi_chrom01	13602470	[A/C]	NA
Ca_Desi_Chrom_1_13620061	Ca_desi_chrom01	13620061	[A/T]	NA
Ca_Desi_Chrom_1_13641365	Ca_desi_chrom01	13641365	[T/G]	NA
Ca_Desi_Chrom_1_13641423	Ca_desi_chrom01	13641423	[A/T]	NA
Ca_Desi_Chrom_1_13645462	Ca_desi_chrom01	13645462	[A/C]	NA
Ca_Desi_Chrom_1_13653278	Ca_desi_chrom01	13653278	[T/C]	NA
Ca_Desi_Chrom_1_13653279	Ca_desi_chrom01	13653279	[G/T]	NA
Ca_Desi_Chrom_1_13692588	Ca_desi_chrom01	13692588	[T/C]	NA
Ca_Desi_Chrom_1_13692615	Ca_desi_chrom01	13692615	[T/C]	NA
Ca_Desi_Chrom_1_13692633	Ca_desi_chrom01	13692633	[T/C]	NA
Ca_Desi_Chrom_1_13692635	Ca_desi_chrom01	13692635	[A/C]	NA
Ca_Desi_Chrom_1_13692646	Ca_desi_chrom01	13692646	[A/G]	NA
Ca_Desi_Chrom_1_13692649	Ca_desi_chrom01	13692649	[A/C]	NA
Ca_Desi_Chrom_1_13692664	Ca_desi_chrom01	13692664	[A/G]	NA
Ca_Desi_Chrom_1_13692681	Ca_desi_chrom01	13692681	[T/G]	NA
Ca_Desi_Chrom_1_13692705	Ca_desi_chrom01	13692705	[G/A]	NA
Ca_Desi_Chrom_1_13692716	Ca_desi_chrom01	13692716	[T/C]	NA
Ca_Desi_Chrom_1_13692721	Ca_desi_chrom01	13692721	[A/C]	NA
Ca_Desi_Chrom_1_13692724	Ca_desi_chrom01	13692724	[A/C]	NA
Ca_Desi_Chrom_1_13692727	Ca_desi_chrom01	13692727	[A/C]	NA
Ca_Desi_Chrom_1_13798747	Ca_desi_chrom01	13798747	[A/G]	NA
Ca_Desi_Chrom_1_13798784	Ca_desi_chrom01	13798784	[A/T]	NA
Ca_Desi_Chrom_1_13805553	Ca_desi_chrom01	13805553	[A/C]	NA
Ca_Desi_Chrom_1_13805554	Ca_desi_chrom01	13805554	[G/T]	NA
Ca_Desi_Chrom_1_13831773	Ca_desi_chrom01	13831773	[T/G]	NA
Ca_Desi_Chrom_1_13831799	Ca_desi_chrom01	13831799	[T/C]	NA
Ca_Desi_Chrom_1_13864931	Ca_desi_chrom01	13864931	[T/C]	NA
Ca_Desi_Chrom_1_13865960	Ca_desi_chrom01	13865960	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_1_13903458	Ca_desi_chr01	13903458	[T/G]	NA
Ca_Desi_Chrom_1_13903477	Ca_desi_chr01	13903477	[A/G]	NA
Ca_Desi_Chrom_1_13906207	Ca_desi_chr01	13906207	[A/C]	NA
Ca_Desi_Chrom_1_13906208	Ca_desi_chr01	13906208	[G/T]	NA
Ca_Desi_Chrom_1_13906209	Ca_desi_chr01	13906209	[A/T]	NA
Ca_Desi_Chrom_1_13919264	Ca_desi_chr01	13919264	[A/G]	NA
Ca_Desi_Chrom_1_13935560	Ca_desi_chr01	13935560	[G/A]	NA
Ca_Desi_Chrom_1_13935569	Ca_desi_chr01	13935569	[T/C]	NA
Ca_Desi_Chrom_1_13969540	Ca_desi_chr01	13969540	[C/T]	NA
Ca_Desi_Chrom_1_14019371	Ca_desi_chr01	14019371	[T/A]	NA
Ca_Desi_Chrom_1_14019442	Ca_desi_chr01	14019442	[A/G]	NA
Ca_Desi_Chrom_1_14093167	Ca_desi_chr01	14093167	[A/G]	NA
Ca_Desi_Chrom_1_14113496	Ca_desi_chr01	14113496	[T/C]	NA
Ca_Desi_Chrom_1_14113554	Ca_desi_chr01	14113554	[T/C]	NA
Ca_Desi_Chrom_1_14113558	Ca_desi_chr01	14113558	[A/G]	NA
Ca_Desi_Chrom_1_14113571	Ca_desi_chr01	14113571	[T/A]	NA
Ca_Desi_Chrom_1_14113588	Ca_desi_chr01	14113588	[A/C]	NA
Ca_Desi_Chrom_1_14127376	Ca_desi_chr01	14127376	[C/T]	NA
Ca_Desi_Chrom_1_14127778	Ca_desi_chr01	14127778	[T/G]	NA
Ca_Desi_Chrom_1_14127804	Ca_desi_chr01	14127804	[A/T]	NA
Ca_Desi_Chrom_1_14127815	Ca_desi_chr01	14127815	[A/C]	NA
Ca_Desi_Chrom_1_14142347	Ca_desi_chr01	14142347	[A/G]	NA
Ca_Desi_Chrom_1_14169398	Ca_desi_chr01	14169398	[T/C]	NA
Ca_Desi_Chrom_1_14169409	Ca_desi_chr01	14169409	[C/T]	NA
Ca_Desi_Chrom_1_14169421	Ca_desi_chr01	14169421	[A/G]	NA
Ca_Desi_Chrom_1_14170600	Ca_desi_chr01	14170600	[T/G]	NA
Ca_Desi_Chrom_1_14190369	Ca_desi_chr01	14190369	[C/T]	NA
Ca_Desi_Chrom_2_16455	Ca_desi_chr02	16455	[T/C]	NA
Ca_Desi_Chrom_2_16457	Ca_desi_chr02	16457	[T/C]	NA
Ca_Desi_Chrom_2_16482	Ca_desi_chr02	16482	[T/G]	NA
Ca_Desi_Chrom_2_16485	Ca_desi_chr02	16485	[A/G]	NA
Ca_Desi_Chrom_2_16492	Ca_desi_chr02	16492	[A/G]	NA
Ca_Desi_Chrom_2_82639	Ca_desi_chr02	82639	[T/C]	NA
Ca_Desi_Chrom_2_83864	Ca_desi_chr02	83864	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_83884	Ca_desi_chr02	83884	[A/C]	NA
Ca_Desi_Chrom_2_83888	Ca_desi_chr02	83888	[T/C]	NA
Ca_Desi_Chrom_2_83893	Ca_desi_chr02	83893	[T/G]	NA
Ca_Desi_Chrom_2_83895	Ca_desi_chr02	83895	[T/C]	NA
Ca_Desi_Chrom_2_201886	Ca_desi_chr02	201886	[T/G]	NA
Ca_Desi_Chrom_2_278031	Ca_desi_chr02	278031	[C/T]	NA
Ca_Desi_Chrom_2_278283	Ca_desi_chr02	278283	[T/A]	NA
Ca_Desi_Chrom_2_279234	Ca_desi_chr02	279234	[T/C]	NA
Ca_Desi_Chrom_2_279239	Ca_desi_chr02	279239	[A/G]	NA
Ca_Desi_Chrom_2_279241	Ca_desi_chr02	279241	[T/G]	NA
Ca_Desi_Chrom_2_279256	Ca_desi_chr02	279256	[T/G]	NA
Ca_Desi_Chrom_2_281905	Ca_desi_chr02	281905	[T/C]	NA
Ca_Desi_Chrom_2_308828	Ca_desi_chr02	308828	[C/T]	NA
Ca_Desi_Chrom_2_314070	Ca_desi_chr02	314070	[A/G]	NA
Ca_Desi_Chrom_2_318397	Ca_desi_chr02	318397	[A/C]	NA
Ca_Desi_Chrom_2_318541	Ca_desi_chr02	318541	[T/G]	NA
Ca_Desi_Chrom_2_326926	Ca_desi_chr02	326926	[G/T]	NA
Ca_Desi_Chrom_2_327450	Ca_desi_chr02	327450	[G/C]	NA
Ca_Desi_Chrom_2_327691	Ca_desi_chr02	327691	[C/G]	NA
Ca_Desi_Chrom_2_327712	Ca_desi_chr02	327712	[T/C]	NA
Ca_Desi_Chrom_2_412581	Ca_desi_chr02	412581	[C/G]	NA
Ca_Desi_Chrom_2_412583	Ca_desi_chr02	412583	[G/T]	NA
Ca_Desi_Chrom_2_412587	Ca_desi_chr02	412587	[A/G]	NA
Ca_Desi_Chrom_2_412594	Ca_desi_chr02	412594	[T/G]	NA
Ca_Desi_Chrom_2_412597	Ca_desi_chr02	412597	[T/G]	NA
Ca_Desi_Chrom_2_412608	Ca_desi_chr02	412608	[T/C]	NA
Ca_Desi_Chrom_2_429417	Ca_desi_chr02	429417	[T/C]	NA
Ca_Desi_Chrom_2_429459	Ca_desi_chr02	429459	[A/T]	NA
Ca_Desi_Chrom_2_430152	Ca_desi_chr02	430152	[C/G]	NA
Ca_Desi_Chrom_2_437401	Ca_desi_chr02	437401	[C/T]	NA
Ca_Desi_Chrom_2_437438	Ca_desi_chr02	437438	[T/C]	NA
Ca_Desi_Chrom_2_437445	Ca_desi_chr02	437445	[T/C]	NA
Ca_Desi_Chrom_2_437646	Ca_desi_chr02	437646	[T/G]	NA
Ca_Desi_Chrom_2_437745	Ca_desi_chr02	437745	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_437750	Ca_desi_chr02	437750	[A/C]	NA
Ca_Desi_Chrom_2_440424	Ca_desi_chr02	440424	[G/T]	NA
Ca_Desi_Chrom_2_440724	Ca_desi_chr02	440724	[T/C]	NA
Ca_Desi_Chrom_2_440754	Ca_desi_chr02	440754	[A/T]	NA
Ca_Desi_Chrom_2_527061	Ca_desi_chr02	527061	[G/A]	NA
Ca_Desi_Chrom_2_527074	Ca_desi_chr02	527074	[C/T]	NA
Ca_Desi_Chrom_2_527083	Ca_desi_chr02	527083	[C/T]	NA
Ca_Desi_Chrom_2_527084	Ca_desi_chr02	527084	[G/A]	NA
Ca_Desi_Chrom_2_527631	Ca_desi_chr02	527631	[T/C]	NA
Ca_Desi_Chrom_2_527633	Ca_desi_chr02	527633	[A/T]	NA
Ca_Desi_Chrom_2_527634	Ca_desi_chr02	527634	[A/C]	NA
Ca_Desi_Chrom_2_527635	Ca_desi_chr02	527635	[A/C]	NA
Ca_Desi_Chrom_2_527646	Ca_desi_chr02	527646	[A/G]	NA
Ca_Desi_Chrom_2_527670	Ca_desi_chr02	527670	[A/G]	NA
Ca_Desi_Chrom_2_527684	Ca_desi_chr02	527684	[A/G]	NA
Ca_Desi_Chrom_2_574020	Ca_desi_chr02	574020	[T/G]	NA
Ca_Desi_Chrom_2_574032	Ca_desi_chr02	574032	[T/G]	NA
Ca_Desi_Chrom_2_574042	Ca_desi_chr02	574042	[T/G]	NA
Ca_Desi_Chrom_2_574051	Ca_desi_chr02	574051	[T/C]	NA
Ca_Desi_Chrom_2_574061	Ca_desi_chr02	574061	[A/G]	NA
Ca_Desi_Chrom_2_574863	Ca_desi_chr02	574863	[C/A]	NA
Ca_Desi_Chrom_2_574864	Ca_desi_chr02	574864	[T/G]	NA
Ca_Desi_Chrom_2_574865	Ca_desi_chr02	574865	[T/A]	NA
Ca_Desi_Chrom_2_574867	Ca_desi_chr02	574867	[A/C]	NA
Ca_Desi_Chrom_2_575529	Ca_desi_chr02	575529	[T/C]	NA
Ca_Desi_Chrom_2_575532	Ca_desi_chr02	575532	[G/C]	NA
Ca_Desi_Chrom_2_576614	Ca_desi_chr02	576614	[A/T]	NA
Ca_Desi_Chrom_2_580283	Ca_desi_chr02	580283	[T/G]	NA
Ca_Desi_Chrom_2_595835	Ca_desi_chr02	595835	[A/T]	NA
Ca_Desi_Chrom_2_595836	Ca_desi_chr02	595836	[A/T]	NA
Ca_Desi_Chrom_2_694565	Ca_desi_chr02	694565	[T/A]	NA
Ca_Desi_Chrom_2_694574	Ca_desi_chr02	694574	[T/G]	NA
Ca_Desi_Chrom_2_709390	Ca_desi_chr02	709390	[G/T]	NA
Ca_Desi_Chrom_2_760163	Ca_desi_chr02	760163	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_760175	Ca_desi_chrom02	760175	[T/C]	NA
Ca_Desi_Chrom_2_760179	Ca_desi_chrom02	760179	[T/C]	NA
Ca_Desi_Chrom_2_760183	Ca_desi_chrom02	760183	[A/G]	NA
Ca_Desi_Chrom_2_760194	Ca_desi_chrom02	760194	[A/G]	NA
Ca_Desi_Chrom_2_760214	Ca_desi_chrom02	760214	[A/G]	NA
Ca_Desi_Chrom_2_941677	Ca_desi_chrom02	941677	[T/A]	NA
Ca_Desi_Chrom_2_941690	Ca_desi_chrom02	941690	[T/C]	NA
Ca_Desi_Chrom_2_992313	Ca_desi_chrom02	992313	[A/C]	NA
Ca_Desi_Chrom_2_1019710	Ca_desi_chrom02	1019710	[T/A]	NA
Ca_Desi_Chrom_2_1019712	Ca_desi_chrom02	1019712	[A/G]	NA
Ca_Desi_Chrom_2_1019715	Ca_desi_chrom02	1019715	[T/A]	NA
Ca_Desi_Chrom_2_1019724	Ca_desi_chrom02	1019724	[A/G]	NA
Ca_Desi_Chrom_2_1019754	Ca_desi_chrom02	1019754	[A/G]	NA
Ca_Desi_Chrom_2_1066604	Ca_desi_chrom02	1066604	[T/G]	NA
Ca_Desi_Chrom_2_1081581	Ca_desi_chrom02	1081581	[C/T]	NA
Ca_Desi_Chrom_2_1081734	Ca_desi_chrom02	1081734	[T/A]	NA
Ca_Desi_Chrom_2_1081742	Ca_desi_chrom02	1081742	[A/C]	NA
Ca_Desi_Chrom_2_1089512	Ca_desi_chrom02	1089512	[C/A]	NA
Ca_Desi_Chrom_2_1089513	Ca_desi_chrom02	1089513	[C/G]	NA
Ca_Desi_Chrom_2_1089514	Ca_desi_chrom02	1089514	[C/A]	NA
Ca_Desi_Chrom_2_1089543	Ca_desi_chrom02	1089543	[A/C]	NA
Ca_Desi_Chrom_2_1089550	Ca_desi_chrom02	1089550	[A/G]	NA
Ca_Desi_Chrom_2_1210268	Ca_desi_chrom02	1210268	[T/C]	NA
Ca_Desi_Chrom_2_1210294	Ca_desi_chrom02	1210294	[T/G]	NA
Ca_Desi_Chrom_2_1210298	Ca_desi_chrom02	1210298	[A/C]	NA
Ca_Desi_Chrom_2_1210310	Ca_desi_chrom02	1210310	[A/T]	NA
Ca_Desi_Chrom_2_1216751	Ca_desi_chrom02	1216751	[T/G]	NA
Ca_Desi_Chrom_2_1216760	Ca_desi_chrom02	1216760	[A/T]	NA
Ca_Desi_Chrom_2_1216786	Ca_desi_chrom02	1216786	[A/C]	NA
Ca_Desi_Chrom_2_1245288	Ca_desi_chrom02	1245288	[T/C]	NA
Ca_Desi_Chrom_2_1245292	Ca_desi_chrom02	1245292	[A/G]	NA
Ca_Desi_Chrom_2_1245302	Ca_desi_chrom02	1245302	[C/G]	NA
Ca_Desi_Chrom_2_1245305	Ca_desi_chrom02	1245305	[T/A]	NA
Ca_Desi_Chrom_2_1245363	Ca_desi_chrom02	1245363	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_1245365	Ca_desi_chrom02	1245365	[G/A]	NA
Ca_Desi_Chrom_2_1245366	Ca_desi_chrom02	1245366	[C/T]	NA
Ca_Desi_Chrom_2_1245367	Ca_desi_chrom02	1245367	[T/C]	NA
Ca_Desi_Chrom_2_1312276	Ca_desi_chrom02	1312276	[A/G]	NA
Ca_Desi_Chrom_2_1312332	Ca_desi_chrom02	1312332	[A/G]	NA
Ca_Desi_Chrom_2_1341643	Ca_desi_chrom02	1341643	[C/A]	NA
Ca_Desi_Chrom_2_1521874	Ca_desi_chrom02	1521874	[A/T]	NA
Ca_Desi_Chrom_2_1553220	Ca_desi_chrom02	1553220	[A/G]	NA
Ca_Desi_Chrom_2_1603397	Ca_desi_chrom02	1603397	[G/A]	NA
Ca_Desi_Chrom_2_1603398	Ca_desi_chrom02	1603398	[G/A]	NA
Ca_Desi_Chrom_2_1603415	Ca_desi_chrom02	1603415	[T/A]	NA
Ca_Desi_Chrom_2_1621777	Ca_desi_chrom02	1621777	[T/G]	NA
Ca_Desi_Chrom_2_1621788	Ca_desi_chrom02	1621788	[G/A]	NA
Ca_Desi_Chrom_2_1710080	Ca_desi_chrom02	1710080	[G/A]	NA
Ca_Desi_Chrom_2_1727785	Ca_desi_chrom02	1727785	[A/C]	NA
Ca_Desi_Chrom_2_1749427	Ca_desi_chrom02	1749427	[T/C]	NA
Ca_Desi_Chrom_2_1823564	Ca_desi_chrom02	1823564	[A/G]	NA
Ca_Desi_Chrom_2_1857292	Ca_desi_chrom02	1857292	[A/C]	NA
Ca_Desi_Chrom_2_1861404	Ca_desi_chrom02	1861404	[G/C]	NA
Ca_Desi_Chrom_2_1861410	Ca_desi_chrom02	1861410	[A/C]	NA
Ca_Desi_Chrom_2_1867952	Ca_desi_chrom02	1867952	[T/C]	NA
Ca_Desi_Chrom_2_1867957	Ca_desi_chrom02	1867957	[A/C]	NA
Ca_Desi_Chrom_2_1867962	Ca_desi_chrom02	1867962	[T/C]	NA
Ca_Desi_Chrom_2_1867963	Ca_desi_chrom02	1867963	[A/G]	NA
Ca_Desi_Chrom_2_1867968	Ca_desi_chrom02	1867968	[T/C]	NA
Ca_Desi_Chrom_2_1867975	Ca_desi_chrom02	1867975	[A/G]	NA
Ca_Desi_Chrom_2_1868831	Ca_desi_chrom02	1868831	[T/C]	NA
Ca_Desi_Chrom_2_1868845	Ca_desi_chrom02	1868845	[A/C]	NA
Ca_Desi_Chrom_2_1868860	Ca_desi_chrom02	1868860	[A/C]	NA
Ca_Desi_Chrom_2_1883086	Ca_desi_chrom02	1883086	[T/C]	NA
Ca_Desi_Chrom_2_1883106	Ca_desi_chrom02	1883106	[T/A]	NA
Ca_Desi_Chrom_2_1883127	Ca_desi_chrom02	1883127	[A/G]	NA
Ca_Desi_Chrom_2_1894071	Ca_desi_chrom02	1894071	[A/T]	NA
Ca_Desi_Chrom_2_1894072	Ca_desi_chrom02	1894072	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_1894073	Ca_desi_chr02	1894073	[T/G]	NA
Ca_Desi_Chrom_2_2056877	Ca_desi_chr02	2056877	[A/G]	NA
Ca_Desi_Chrom_2_2056883	Ca_desi_chr02	2056883	[T/G]	NA
Ca_Desi_Chrom_2_2056890	Ca_desi_chr02	2056890	[T/G]	NA
Ca_Desi_Chrom_2_2056926	Ca_desi_chr02	2056926	[T/G]	NA
Ca_Desi_Chrom_2_2058314	Ca_desi_chr02	2058314	[T/G]	NA
Ca_Desi_Chrom_2_2058340	Ca_desi_chr02	2058340	[T/G]	NA
Ca_Desi_Chrom_2_2100204	Ca_desi_chr02	2100204	[A/C]	NA
Ca_Desi_Chrom_2_2100219	Ca_desi_chr02	2100219	[A/G]	NA
Ca_Desi_Chrom_2_2100223	Ca_desi_chr02	2100223	[T/C]	NA
Ca_Desi_Chrom_2_2124915	Ca_desi_chr02	2124915	[C/A]	NA
Ca_Desi_Chrom_2_2124918	Ca_desi_chr02	2124918	[G/C]	NA
Ca_Desi_Chrom_2_2124925	Ca_desi_chr02	2124925	[T/C]	NA
Ca_Desi_Chrom_2_2124928	Ca_desi_chr02	2124928	[C/A]	NA
Ca_Desi_Chrom_2_2124931	Ca_desi_chr02	2124931	[T/C]	NA
Ca_Desi_Chrom_2_2124933	Ca_desi_chr02	2124933	[T/G]	NA
Ca_Desi_Chrom_2_2124937	Ca_desi_chr02	2124937	[T/A]	NA
Ca_Desi_Chrom_2_2124940	Ca_desi_chr02	2124940	[A/G]	NA
Ca_Desi_Chrom_2_2124944	Ca_desi_chr02	2124944	[C/G]	NA
Ca_Desi_Chrom_2_2257840	Ca_desi_chr02	2257840	[A/G]	NA
Ca_Desi_Chrom_2_2257849	Ca_desi_chr02	2257849	[T/C]	NA
Ca_Desi_Chrom_2_2257855	Ca_desi_chr02	2257855	[T/C]	NA
Ca_Desi_Chrom_2_2402200	Ca_desi_chr02	2402200	[T/G]	NA
Ca_Desi_Chrom_2_2449580	Ca_desi_chr02	2449580	[T/G]	NA
Ca_Desi_Chrom_2_2527594	Ca_desi_chr02	2527594	[T/G]	NA
Ca_Desi_Chrom_2_2563476	Ca_desi_chr02	2563476	[T/G]	NA
Ca_Desi_Chrom_2_2574523	Ca_desi_chr02	2574523	[T/G]	NA
Ca_Desi_Chrom_2_2589893	Ca_desi_chr02	2589893	[G/T]	NA
Ca_Desi_Chrom_2_2607993	Ca_desi_chr02	2607993	[A/G]	NA
Ca_Desi_Chrom_2_2608996	Ca_desi_chr02	2608996	[C/A]	NA
Ca_Desi_Chrom_2_2608997	Ca_desi_chr02	2608997	[T/G]	NA
Ca_Desi_Chrom_2_2664631	Ca_desi_chr02	2664631	[T/A]	NA
Ca_Desi_Chrom_2_2664651	Ca_desi_chr02	2664651	[A/C]	NA
Ca_Desi_Chrom_2_2664685	Ca_desi_chr02	2664685	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_2664707	Ca_desi_chr02	2664707	[T/G]	NA
Ca_Desi_Chrom_2_2764678	Ca_desi_chr02	2764678	[A/T]	NA
Ca_Desi_Chrom_2_2798801	Ca_desi_chr02	2798801	[A/G]	NA
Ca_Desi_Chrom_2_2889652	Ca_desi_chr02	2889652	[A/T]	NA
Ca_Desi_Chrom_2_2938053	Ca_desi_chr02	2938053	[T/C]	NA
Ca_Desi_Chrom_2_2938058	Ca_desi_chr02	2938058	[T/C]	NA
Ca_Desi_Chrom_2_2955638	Ca_desi_chr02	2955638	[T/C]	NA
Ca_Desi_Chrom_2_3153816	Ca_desi_chr02	3153816	[A/G]	NA
Ca_Desi_Chrom_2_3153827	Ca_desi_chr02	3153827	[A/G]	NA
Ca_Desi_Chrom_2_3154549	Ca_desi_chr02	3154549	[A/G]	NA
Ca_Desi_Chrom_2_3154581	Ca_desi_chr02	3154581	[A/G]	NA
Ca_Desi_Chrom_2_3154589	Ca_desi_chr02	3154589	[T/G]	NA
Ca_Desi_Chrom_2_3155845	Ca_desi_chr02	3155845	[A/C]	NA
Ca_Desi_Chrom_2_3155866	Ca_desi_chr02	3155866	[T/C]	NA
Ca_Desi_Chrom_2_3157430	Ca_desi_chr02	3157430	[A/C]	NA
Ca_Desi_Chrom_2_3567723	Ca_desi_chr02	3567723	[T/G]	NA
Ca_Desi_Chrom_2_3567744	Ca_desi_chr02	3567744	[A/C]	NA
Ca_Desi_Chrom_2_3567747	Ca_desi_chr02	3567747	[A/C]	NA
Ca_Desi_Chrom_2_3567834	Ca_desi_chr02	3567834	[T/G]	NA
Ca_Desi_Chrom_2_3567843	Ca_desi_chr02	3567843	[A/G]	NA
Ca_Desi_Chrom_2_3567848	Ca_desi_chr02	3567848	[T/C]	NA
Ca_Desi_Chrom_2_3567863	Ca_desi_chr02	3567863	[A/G]	NA
Ca_Desi_Chrom_2_3571890	Ca_desi_chr02	3571890	[G/T]	NA
Ca_Desi_Chrom_2_3571894	Ca_desi_chr02	3571894	[C/A]	NA
Ca_Desi_Chrom_2_3604350	Ca_desi_chr02	3604350	[A/C]	NA
Ca_Desi_Chrom_2_3722082	Ca_desi_chr02	3722082	[T/G]	NA
Ca_Desi_Chrom_2_3722112	Ca_desi_chr02	3722112	[T/C]	NA
Ca_Desi_Chrom_2_3722146	Ca_desi_chr02	3722146	[A/G]	NA
Ca_Desi_Chrom_2_3722164	Ca_desi_chr02	3722164	[T/A]	NA
Ca_Desi_Chrom_2_3775127	Ca_desi_chr02	3775127	[A/C]	NA
Ca_Desi_Chrom_2_3794000	Ca_desi_chr02	3794000	[A/T]	NA
Ca_Desi_Chrom_2_3794024	Ca_desi_chr02	3794024	[A/G]	NA
Ca_Desi_Chrom_2_3808702	Ca_desi_chr02	3808702	[T/G]	NA
Ca_Desi_Chrom_2_3808720	Ca_desi_chr02	3808720	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_3808724	Ca_desi_chr02	3808724	[A/C]	NA
Ca_Desi_Chrom_2_3808952	Ca_desi_chr02	3808952	[A/G]	NA
Ca_Desi_Chrom_2_3808962	Ca_desi_chr02	3808962	[A/G]	NA
Ca_Desi_Chrom_2_3808969	Ca_desi_chr02	3808969	[A/C]	NA
Ca_Desi_Chrom_2_3808983	Ca_desi_chr02	3808983	[T/C]	NA
Ca_Desi_Chrom_2_3808988	Ca_desi_chr02	3808988	[T/C]	NA
Ca_Desi_Chrom_2_4041343	Ca_desi_chr02	4041343	[A/C]	NA
Ca_Desi_Chrom_2_4041362	Ca_desi_chr02	4041362	[A/C]	NA
Ca_Desi_Chrom_2_4058389	Ca_desi_chr02	4058389	[G/A]	NA
Ca_Desi_Chrom_2_4238236	Ca_desi_chr02	4238236	[A/C]	NA
Ca_Desi_Chrom_2_4238244	Ca_desi_chr02	4238244	[A/G]	NA
Ca_Desi_Chrom_2_4238256	Ca_desi_chr02	4238256	[T/C]	NA
Ca_Desi_Chrom_2_4238258	Ca_desi_chr02	4238258	[T/C]	NA
Ca_Desi_Chrom_2_4238264	Ca_desi_chr02	4238264	[A/C]	NA
Ca_Desi_Chrom_2_4238266	Ca_desi_chr02	4238266	[A/C]	NA
Ca_Desi_Chrom_2_4238269	Ca_desi_chr02	4238269	[T/C]	NA
Ca_Desi_Chrom_2_4238275	Ca_desi_chr02	4238275	[T/C]	NA
Ca_Desi_Chrom_2_4259547	Ca_desi_chr02	4259547	[A/C]	NA
Ca_Desi_Chrom_2_4259580	Ca_desi_chr02	4259580	[A/C]	NA
Ca_Desi_Chrom_2_4318111	Ca_desi_chr02	4318111	[A/T]	NA
Ca_Desi_Chrom_2_4539973	Ca_desi_chr02	4539973	[T/A]	NA
Ca_Desi_Chrom_2_4539997	Ca_desi_chr02	4539997	[T/C]	NA
Ca_Desi_Chrom_2_4540012	Ca_desi_chr02	4540012	[T/C]	NA
Ca_Desi_Chrom_2_4540029	Ca_desi_chr02	4540029	[A/C]	NA
Ca_Desi_Chrom_2_4541895	Ca_desi_chr02	4541895	[G/T]	NA
Ca_Desi_Chrom_2_4552083	Ca_desi_chr02	4552083	[A/G]	NA
Ca_Desi_Chrom_2_4552112	Ca_desi_chr02	4552112	[C/T]	NA
Ca_Desi_Chrom_2_4552121	Ca_desi_chr02	4552121	[T/C]	NA
Ca_Desi_Chrom_2_4800835	Ca_desi_chr02	4800835	[A/C]	NA
Ca_Desi_Chrom_2_4801057	Ca_desi_chr02	4801057	[T/G]	NA
Ca_Desi_Chrom_2_4816390	Ca_desi_chr02	4816390	[T/C]	NA
Ca_Desi_Chrom_2_4816421	Ca_desi_chr02	4816421	[A/G]	NA
Ca_Desi_Chrom_2_4816424	Ca_desi_chr02	4816424	[A/G]	NA
Ca_Desi_Chrom_2_5124304	Ca_desi_chr02	5124304	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_5168624	Ca_desi_chr02	5168624	[A/C]	NA
Ca_Desi_Chrom_2_5168625	Ca_desi_chr02	5168625	[C/A]	NA
Ca_Desi_Chrom_2_5176013	Ca_desi_chr02	5176013	[C/A]	NA
Ca_Desi_Chrom_2_5176014	Ca_desi_chr02	5176014	[T/G]	NA
Ca_Desi_Chrom_2_5176015	Ca_desi_chr02	5176015	[G/A]	NA
Ca_Desi_Chrom_2_5176016	Ca_desi_chr02	5176016	[G/T]	NA
Ca_Desi_Chrom_2_5223368	Ca_desi_chr02	5223368	[A/C]	NA
Ca_Desi_Chrom_2_5223374	Ca_desi_chr02	5223374	[A/G]	NA
Ca_Desi_Chrom_2_5273243	Ca_desi_chr02	5273243	[T/C]	NA
Ca_Desi_Chrom_2_5402731	Ca_desi_chr02	5402731	[A/C]	NA
Ca_Desi_Chrom_2_5402734	Ca_desi_chr02	5402734	[T/G]	NA
Ca_Desi_Chrom_2_5500858	Ca_desi_chr02	5500858	[A/T]	NA
Ca_Desi_Chrom_2_5503405	Ca_desi_chr02	5503405	[T/A]	NA
Ca_Desi_Chrom_2_5503406	Ca_desi_chr02	5503406	[G/T]	NA
Ca_Desi_Chrom_2_5503507	Ca_desi_chr02	5503507	[C/A]	NA
Ca_Desi_Chrom_2_5503509	Ca_desi_chr02	5503509	[A/G]	NA
Ca_Desi_Chrom_2_5503519	Ca_desi_chr02	5503519	[G/A]	NA
Ca_Desi_Chrom_2_5503727	Ca_desi_chr02	5503727	[T/G]	NA
Ca_Desi_Chrom_2_5503732	Ca_desi_chr02	5503732	[G/C]	NA
Ca_Desi_Chrom_2_5507928	Ca_desi_chr02	5507928	[A/C]	NA
Ca_Desi_Chrom_2_5508906	Ca_desi_chr02	5508906	[T/A]	NA
Ca_Desi_Chrom_2_5509470	Ca_desi_chr02	5509470	[T/G]	NA
Ca_Desi_Chrom_2_5537769	Ca_desi_chr02	5537769	[A/T]	NA
Ca_Desi_Chrom_2_5537950	Ca_desi_chr02	5537950	[A/C]	NA
Ca_Desi_Chrom_2_5544027	Ca_desi_chr02	5544027	[A/G]	NA
Ca_Desi_Chrom_2_5544042	Ca_desi_chr02	5544042	[A/G]	NA
Ca_Desi_Chrom_2_5548807	Ca_desi_chr02	5548807	[C/G]	NA
Ca_Desi_Chrom_2_5548819	Ca_desi_chr02	5548819	[G/A]	NA
Ca_Desi_Chrom_2_5548885	Ca_desi_chr02	5548885	[T/A]	NA
Ca_Desi_Chrom_2_5553723	Ca_desi_chr02	5553723	[G/A]	NA
Ca_Desi_Chrom_2_5565953	Ca_desi_chr02	5565953	[A/G]	NA
Ca_Desi_Chrom_2_5565956	Ca_desi_chr02	5565956	[A/G]	NA
Ca_Desi_Chrom_2_5577178	Ca_desi_chr02	5577178	[T/A]	NA
Ca_Desi_Chrom_2_5632020	Ca_desi_chr02	5632020	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_5632028	Ca_desi_chr02	5632028	[T/G]	NA
Ca_Desi_Chrom_2_5632039	Ca_desi_chr02	5632039	[A/C]	NA
Ca_Desi_Chrom_2_5632049	Ca_desi_chr02	5632049	[T/G]	NA
Ca_Desi_Chrom_2_5632065	Ca_desi_chr02	5632065	[T/C]	NA
Ca_Desi_Chrom_2_5632369	Ca_desi_chr02	5632369	[T/C]	NA
Ca_Desi_Chrom_2_5632370	Ca_desi_chr02	5632370	[C/T]	NA
Ca_Desi_Chrom_2_5632371	Ca_desi_chr02	5632371	[T/C]	NA
Ca_Desi_Chrom_2_5635057	Ca_desi_chr02	5635057	[T/G]	NA
Ca_Desi_Chrom_2_5648192	Ca_desi_chr02	5648192	[C/T]	NA
Ca_Desi_Chrom_2_5657507	Ca_desi_chr02	5657507	[A/T]	NA
Ca_Desi_Chrom_2_5661445	Ca_desi_chr02	5661445	[T/G]	NA
Ca_Desi_Chrom_2_5661457	Ca_desi_chr02	5661457	[T/G]	NA
Ca_Desi_Chrom_2_5694139	Ca_desi_chr02	5694139	[T/G]	NA
Ca_Desi_Chrom_2_5698170	Ca_desi_chr02	5698170	[T/A]	NA
Ca_Desi_Chrom_2_5698197	Ca_desi_chr02	5698197	[G/A]	NA
Ca_Desi_Chrom_2_5698412	Ca_desi_chr02	5698412	[A/G]	NA
Ca_Desi_Chrom_2_5698976	Ca_desi_chr02	5698976	[C/T]	NA
Ca_Desi_Chrom_2_5699314	Ca_desi_chr02	5699314	[A/G]	NA
Ca_Desi_Chrom_2_5699404	Ca_desi_chr02	5699404	[T/C]	NA
Ca_Desi_Chrom_2_5699406	Ca_desi_chr02	5699406	[A/C]	NA
Ca_Desi_Chrom_2_5716475	Ca_desi_chr02	5716475	[C/T]	NA
Ca_Desi_Chrom_2_5717021	Ca_desi_chr02	5717021	[G/C]	NA
Ca_Desi_Chrom_2_5717899	Ca_desi_chr02	5717899	[G/A]	NA
Ca_Desi_Chrom_2_5719843	Ca_desi_chr02	5719843	[C/T]	NA
Ca_Desi_Chrom_2_5733756	Ca_desi_chr02	5733756	[C/A]	NA
Ca_Desi_Chrom_2_5740309	Ca_desi_chr02	5740309	[C/A]	NA
Ca_Desi_Chrom_2_5745551	Ca_desi_chr02	5745551	[G/T]	NA
Ca_Desi_Chrom_2_5917903	Ca_desi_chr02	5917903	[T/C]	NA
Ca_Desi_Chrom_2_5917920	Ca_desi_chr02	5917920	[G/T]	NA
Ca_Desi_Chrom_2_5917931	Ca_desi_chr02	5917931	[T/G]	NA
Ca_Desi_Chrom_2_5917936	Ca_desi_chr02	5917936	[C/T]	NA
Ca_Desi_Chrom_2_5917946	Ca_desi_chr02	5917946	[T/A]	NA
Ca_Desi_Chrom_2_5965390	Ca_desi_chr02	5965390	[A/C]	NA
Ca_Desi_Chrom_2_5965398	Ca_desi_chr02	5965398	[T/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_5965430	Ca_desi_chr02	5965430	[A/G]	NA
Ca_Desi_Chrom_2_6010840	Ca_desi_chr02	6010840	[G/A]	NA
Ca_Desi_Chrom_2_6011026	Ca_desi_chr02	6011026	[G/A]	NA
Ca_Desi_Chrom_2_6017319	Ca_desi_chr02	6017319	[T/C]	NA
Ca_Desi_Chrom_2_6017510	Ca_desi_chr02	6017510	[T/G]	NA
Ca_Desi_Chrom_2_6017921	Ca_desi_chr02	6017921	[C/T]	NA
Ca_Desi_Chrom_2_6017932	Ca_desi_chr02	6017932	[A/C]	NA
Ca_Desi_Chrom_2_6018033	Ca_desi_chr02	6018033	[C/T]	NA
Ca_Desi_Chrom_2_6019972	Ca_desi_chr02	6019972	[A/G]	NA
Ca_Desi_Chrom_2_6025668	Ca_desi_chr02	6025668	[A/G]	NA
Ca_Desi_Chrom_2_6025730	Ca_desi_chr02	6025730	[G/T]	NA
Ca_Desi_Chrom_2_6025741	Ca_desi_chr02	6025741	[A/G]	NA
Ca_Desi_Chrom_2_6025764	Ca_desi_chr02	6025764	[A/C]	NA
Ca_Desi_Chrom_2_6029971	Ca_desi_chr02	6029971	[A/G]	NA
Ca_Desi_Chrom_2_6088205	Ca_desi_chr02	6088205	[T/C]	NA
Ca_Desi_Chrom_2_6088226	Ca_desi_chr02	6088226	[T/C]	NA
Ca_Desi_Chrom_2_6088236	Ca_desi_chr02	6088236	[G/C]	NA
Ca_Desi_Chrom_2_6088245	Ca_desi_chr02	6088245	[G/A]	NA
Ca_Desi_Chrom_2_6088248	Ca_desi_chr02	6088248	[C/A]	NA
Ca_Desi_Chrom_2_6088252	Ca_desi_chr02	6088252	[A/G]	NA
Ca_Desi_Chrom_2_6088260	Ca_desi_chr02	6088260	[A/C]	NA
Ca_Desi_Chrom_2_6088265	Ca_desi_chr02	6088265	[T/C]	NA
Ca_Desi_Chrom_2_6088304	Ca_desi_chr02	6088304	[C/T]	NA
Ca_Desi_Chrom_2_6088443	Ca_desi_chr02	6088443	[A/G]	NA
Ca_Desi_Chrom_2_6088463	Ca_desi_chr02	6088463	[T/G]	NA
Ca_Desi_Chrom_2_6088467	Ca_desi_chr02	6088467	[A/T]	NA
Ca_Desi_Chrom_2_6089048	Ca_desi_chr02	6089048	[T/C]	NA
Ca_Desi_Chrom_2_6089357	Ca_desi_chr02	6089357	[C/T]	NA
Ca_Desi_Chrom_2_6089359	Ca_desi_chr02	6089359	[A/G]	NA
Ca_Desi_Chrom_2_6091962	Ca_desi_chr02	6091962	[C/T]	NA
Ca_Desi_Chrom_2_6091970	Ca_desi_chr02	6091970	[A/C]	NA
Ca_Desi_Chrom_2_6091973	Ca_desi_chr02	6091973	[T/G]	NA
Ca_Desi_Chrom_2_6091980	Ca_desi_chr02	6091980	[T/C]	NA
Ca_Desi_Chrom_2_6091983	Ca_desi_chr02	6091983	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_6092092	Ca_desi_chrom02	6092092	[G/A]	NA
Ca_Desi_Chrom_2_6092094	Ca_desi_chrom02	6092094	[A/G]	NA
Ca_Desi_Chrom_2_6092148	Ca_desi_chrom02	6092148	[T/G]	NA
Ca_Desi_Chrom_2_6092158	Ca_desi_chrom02	6092158	[G/C]	NA
Ca_Desi_Chrom_2_6092165	Ca_desi_chrom02	6092165	[T/G]	NA
Ca_Desi_Chrom_2_6092200	Ca_desi_chrom02	6092200	[A/C]	NA
Ca_Desi_Chrom_2_6092205	Ca_desi_chrom02	6092205	[A/C]	NA
Ca_Desi_Chrom_2_6092347	Ca_desi_chrom02	6092347	[T/G]	NA
Ca_Desi_Chrom_2_6092376	Ca_desi_chrom02	6092376	[T/C]	NA
Ca_Desi_Chrom_2_6094379	Ca_desi_chrom02	6094379	[C/G]	NA
Ca_Desi_Chrom_2_6103617	Ca_desi_chrom02	6103617	[A/T]	NA
Ca_Desi_Chrom_2_6103902	Ca_desi_chrom02	6103902	[T/C]	NA
Ca_Desi_Chrom_2_6104164	Ca_desi_chrom02	6104164	[T/G]	NA
Ca_Desi_Chrom_2_6104305	Ca_desi_chrom02	6104305	[A/G]	NA
Ca_Desi_Chrom_2_6104365	Ca_desi_chrom02	6104365	[C/T]	NA
Ca_Desi_Chrom_2_6107404	Ca_desi_chrom02	6107404	[T/A]	NA
Ca_Desi_Chrom_2_6107474	Ca_desi_chrom02	6107474	[T/G]	NA
Ca_Desi_Chrom_2_6107483	Ca_desi_chrom02	6107483	[T/G]	NA
Ca_Desi_Chrom_2_6107492	Ca_desi_chrom02	6107492	[T/G]	NA
Ca_Desi_Chrom_2_6107519	Ca_desi_chrom02	6107519	[A/C]	NA
Ca_Desi_Chrom_2_6107526	Ca_desi_chrom02	6107526	[A/G]	NA
Ca_Desi_Chrom_2_6107530	Ca_desi_chrom02	6107530	[T/C]	NA
Ca_Desi_Chrom_2_6131587	Ca_desi_chrom02	6131587	[T/C]	NA
Ca_Desi_Chrom_2_6131704	Ca_desi_chrom02	6131704	[T/C]	NA
Ca_Desi_Chrom_2_6134866	Ca_desi_chrom02	6134866	[T/G]	NA
Ca_Desi_Chrom_2_6135210	Ca_desi_chrom02	6135210	[G/A]	NA
Ca_Desi_Chrom_2_6138059	Ca_desi_chrom02	6138059	[C/T]	NA
Ca_Desi_Chrom_2_6138789	Ca_desi_chrom02	6138789	[T/C]	NA
Ca_Desi_Chrom_2_6140423	Ca_desi_chrom02	6140423	[G/A]	NA
Ca_Desi_Chrom_2_6142753	Ca_desi_chrom02	6142753	[T/G]	NA
Ca_Desi_Chrom_2_6144056	Ca_desi_chrom02	6144056	[G/T]	NA
Ca_Desi_Chrom_2_6144083	Ca_desi_chrom02	6144083	[G/C]	NA
Ca_Desi_Chrom_2_6144088	Ca_desi_chrom02	6144088	[T/A]	NA
Ca_Desi_Chrom_2_6148501	Ca_desi_chrom02	6148501	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_6267621	Ca_desi_chr02	6267621	[T/C]	NA
Ca_Desi_Chrom_2_6270242	Ca_desi_chr02	6270242	[T/G]	NA
Ca_Desi_Chrom_2_6270265	Ca_desi_chr02	6270265	[T/G]	NA
Ca_Desi_Chrom_2_6436332	Ca_desi_chr02	6436332	[A/T]	NA
Ca_Desi_Chrom_2_6437145	Ca_desi_chr02	6437145	[C/T]	NA
Ca_Desi_Chrom_2_6440301	Ca_desi_chr02	6440301	[C/T]	NA
Ca_Desi_Chrom_2_6440323	Ca_desi_chr02	6440323	[T/C]	NA
Ca_Desi_Chrom_2_6440324	Ca_desi_chr02	6440324	[G/A]	NA
Ca_Desi_Chrom_2_6532976	Ca_desi_chr02	6532976	[T/G]	NA
Ca_Desi_Chrom_2_6533732	Ca_desi_chr02	6533732	[C/T]	NA
Ca_Desi_Chrom_2_6557277	Ca_desi_chr02	6557277	[T/G]	NA
Ca_Desi_Chrom_2_6684226	Ca_desi_chr02	6684226	[T/C]	NA
Ca_Desi_Chrom_2_6695692	Ca_desi_chr02	6695692	[A/C]	NA
Ca_Desi_Chrom_2_6697269	Ca_desi_chr02	6697269	[T/A]	NA
Ca_Desi_Chrom_2_6711737	Ca_desi_chr02	6711737	[C/A]	NA
Ca_Desi_Chrom_2_6711738	Ca_desi_chr02	6711738	[T/G]	NA
Ca_Desi_Chrom_2_6711829	Ca_desi_chr02	6711829	[T/G]	NA
Ca_Desi_Chrom_2_6796974	Ca_desi_chr02	6796974	[T/C]	NA
Ca_Desi_Chrom_2_6841451	Ca_desi_chr02	6841451	[T/G]	NA
Ca_Desi_Chrom_2_6869453	Ca_desi_chr02	6869453	[A/G]	NA
Ca_Desi_Chrom_2_6869512	Ca_desi_chr02	6869512	[A/G]	NA
Ca_Desi_Chrom_2_6908937	Ca_desi_chr02	6908937	[A/G]	NA
Ca_Desi_Chrom_2_6909024	Ca_desi_chr02	6909024	[A/C]	NA
Ca_Desi_Chrom_2_6968271	Ca_desi_chr02	6968271	[C/G]	NA
Ca_Desi_Chrom_2_6968273	Ca_desi_chr02	6968273	[T/G]	NA
Ca_Desi_Chrom_2_6968275	Ca_desi_chr02	6968275	[C/T]	NA
Ca_Desi_Chrom_2_6968279	Ca_desi_chr02	6968279	[G/C]	NA
Ca_Desi_Chrom_2_7029728	Ca_desi_chr02	7029728	[A/G]	NA
Ca_Desi_Chrom_2_7059768	Ca_desi_chr02	7059768	[A/C]	NA
Ca_Desi_Chrom_2_7062008	Ca_desi_chr02	7062008	[T/G]	NA
Ca_Desi_Chrom_2_7062016	Ca_desi_chr02	7062016	[A/C]	NA
Ca_Desi_Chrom_2_7062076	Ca_desi_chr02	7062076	[T/C]	NA
Ca_Desi_Chrom_2_7062082	Ca_desi_chr02	7062082	[T/A]	NA
Ca_Desi_Chrom_2_7062151	Ca_desi_chr02	7062151	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_7082410	Ca_desi_chrom02	7082410	[T/C]	NA
Ca_Desi_Chrom_2_7082448	Ca_desi_chrom02	7082448	[T/A]	NA
Ca_Desi_Chrom_2_7241488	Ca_desi_chrom02	7241488	[A/G]	NA
Ca_Desi_Chrom_2_7241492	Ca_desi_chrom02	7241492	[T/A]	NA
Ca_Desi_Chrom_2_7241496	Ca_desi_chrom02	7241496	[A/G]	NA
Ca_Desi_Chrom_2_7241508	Ca_desi_chrom02	7241508	[T/C]	NA
Ca_Desi_Chrom_2_7241512	Ca_desi_chrom02	7241512	[T/C]	NA
Ca_Desi_Chrom_2_7241513	Ca_desi_chrom02	7241513	[T/C]	NA
Ca_Desi_Chrom_2_7241529	Ca_desi_chrom02	7241529	[T/C]	NA
Ca_Desi_Chrom_2_7241538	Ca_desi_chrom02	7241538	[T/A]	NA
Ca_Desi_Chrom_2_7241736	Ca_desi_chrom02	7241736	[T/C]	NA
Ca_Desi_Chrom_2_7241742	Ca_desi_chrom02	7241742	[A/G]	NA
Ca_Desi_Chrom_2_7241760	Ca_desi_chrom02	7241760	[A/G]	NA
Ca_Desi_Chrom_2_7241761	Ca_desi_chrom02	7241761	[A/C]	NA
Ca_Desi_Chrom_2_7241762	Ca_desi_chrom02	7241762	[C/A]	NA
Ca_Desi_Chrom_2_7241764	Ca_desi_chrom02	7241764	[T/C]	NA
Ca_Desi_Chrom_2_7241765	Ca_desi_chrom02	7241765	[G/T]	NA
Ca_Desi_Chrom_2_7241767	Ca_desi_chrom02	7241767	[T/C]	NA
Ca_Desi_Chrom_2_7241770	Ca_desi_chrom02	7241770	[G/T]	NA
Ca_Desi_Chrom_2_7241771	Ca_desi_chrom02	7241771	[C/G]	NA
Ca_Desi_Chrom_2_7241776	Ca_desi_chrom02	7241776	[G/T]	NA
Ca_Desi_Chrom_2_7241782	Ca_desi_chrom02	7241782	[G/T]	NA
Ca_Desi_Chrom_2_7241783	Ca_desi_chrom02	7241783	[C/G]	NA
Ca_Desi_Chrom_2_7241793	Ca_desi_chrom02	7241793	[A/G]	NA
Ca_Desi_Chrom_2_7242012	Ca_desi_chrom02	7242012	[T/G]	NA
Ca_Desi_Chrom_2_7242138	Ca_desi_chrom02	7242138	[T/G]	NA
Ca_Desi_Chrom_2_7242197	Ca_desi_chrom02	7242197	[T/G]	NA
Ca_Desi_Chrom_2_7242231	Ca_desi_chrom02	7242231	[T/G]	NA
Ca_Desi_Chrom_2_7242933	Ca_desi_chrom02	7242933	[A/C]	NA
Ca_Desi_Chrom_2_7314336	Ca_desi_chrom02	7314336	[A/C]	NA
Ca_Desi_Chrom_2_7394649	Ca_desi_chrom02	7394649	[T/C]	NA
Ca_Desi_Chrom_2_7430532	Ca_desi_chrom02	7430532	[G/C]	NA
Ca_Desi_Chrom_2_7458498	Ca_desi_chrom02	7458498	[A/C]	NA
Ca_Desi_Chrom_2_7459213	Ca_desi_chrom02	7459213	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_7459421	Ca_desi_chr02	7459421	[A/C]	NA
Ca_Desi_Chrom_2_7462045	Ca_desi_chr02	7462045	[A/G]	NA
Ca_Desi_Chrom_2_7462049	Ca_desi_chr02	7462049	[A/C]	NA
Ca_Desi_Chrom_2_7462051	Ca_desi_chr02	7462051	[A/C]	NA
Ca_Desi_Chrom_2_7462054	Ca_desi_chr02	7462054	[A/G]	NA
Ca_Desi_Chrom_2_7462059	Ca_desi_chr02	7462059	[T/C]	NA
Ca_Desi_Chrom_2_7462073	Ca_desi_chr02	7462073	[A/G]	NA
Ca_Desi_Chrom_2_7462092	Ca_desi_chr02	7462092	[T/C]	NA
Ca_Desi_Chrom_2_7462100	Ca_desi_chr02	7462100	[T/A]	NA
Ca_Desi_Chrom_2_7610218	Ca_desi_chr02	7610218	[T/G]	NA
Ca_Desi_Chrom_2_7630495	Ca_desi_chr02	7630495	[T/G]	NA
Ca_Desi_Chrom_2_7630506	Ca_desi_chr02	7630506	[A/G]	NA
Ca_Desi_Chrom_2_7630508	Ca_desi_chr02	7630508	[T/G]	NA
Ca_Desi_Chrom_2_7699780	Ca_desi_chr02	7699780	[C/A]	NA
Ca_Desi_Chrom_2_7699781	Ca_desi_chr02	7699781	[T/G]	NA
Ca_Desi_Chrom_2_7699782	Ca_desi_chr02	7699782	[T/A]	NA
Ca_Desi_Chrom_2_7699783	Ca_desi_chr02	7699783	[C/T]	NA
Ca_Desi_Chrom_2_7708750	Ca_desi_chr02	7708750	[T/C]	NA
Ca_Desi_Chrom_2_7708754	Ca_desi_chr02	7708754	[T/C]	NA
Ca_Desi_Chrom_2_7708756	Ca_desi_chr02	7708756	[A/G]	NA
Ca_Desi_Chrom_2_7708765	Ca_desi_chr02	7708765	[A/C]	NA
Ca_Desi_Chrom_2_7708773	Ca_desi_chr02	7708773	[T/C]	NA
Ca_Desi_Chrom_2_7708776	Ca_desi_chr02	7708776	[T/C]	NA
Ca_Desi_Chrom_2_7708788	Ca_desi_chr02	7708788	[A/G]	NA
Ca_Desi_Chrom_2_7708797	Ca_desi_chr02	7708797	[A/G]	NA
Ca_Desi_Chrom_2_7708799	Ca_desi_chr02	7708799	[T/C]	NA
Ca_Desi_Chrom_2_7709713	Ca_desi_chr02	7709713	[A/T]	NA
Ca_Desi_Chrom_2_7726210	Ca_desi_chr02	7726210	[A/C]	NA
Ca_Desi_Chrom_2_7732284	Ca_desi_chr02	7732284	[T/G]	NA
Ca_Desi_Chrom_2_7732319	Ca_desi_chr02	7732319	[A/C]	NA
Ca_Desi_Chrom_2_7810363	Ca_desi_chr02	7810363	[T/C]	NA
Ca_Desi_Chrom_2_7810373	Ca_desi_chr02	7810373	[T/G]	NA
Ca_Desi_Chrom_2_7813832	Ca_desi_chr02	7813832	[T/G]	NA
Ca_Desi_Chrom_2_7814065	Ca_desi_chr02	7814065	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_7814069	Ca_desi_chr02	7814069	[G/T]	NA
Ca_Desi_Chrom_2_7814090	Ca_desi_chr02	7814090	[A/G]	NA
Ca_Desi_Chrom_2_7814097	Ca_desi_chr02	7814097	[A/G]	NA
Ca_Desi_Chrom_2_7814101	Ca_desi_chr02	7814101	[T/C]	NA
Ca_Desi_Chrom_2_7814103	Ca_desi_chr02	7814103	[T/G]	NA
Ca_Desi_Chrom_2_7814115	Ca_desi_chr02	7814115	[T/C]	NA
Ca_Desi_Chrom_2_7886723	Ca_desi_chr02	7886723	[C/T]	NA
Ca_Desi_Chrom_2_7894131	Ca_desi_chr02	7894131	[A/C]	NA
Ca_Desi_Chrom_2_7894150	Ca_desi_chr02	7894150	[A/C]	NA
Ca_Desi_Chrom_2_7897881	Ca_desi_chr02	7897881	[C/A]	NA
Ca_Desi_Chrom_2_7907189	Ca_desi_chr02	7907189	[T/G]	NA
Ca_Desi_Chrom_2_7907191	Ca_desi_chr02	7907191	[T/C]	NA
Ca_Desi_Chrom_2_7907198	Ca_desi_chr02	7907198	[T/G]	NA
Ca_Desi_Chrom_2_7907215	Ca_desi_chr02	7907215	[T/G]	NA
Ca_Desi_Chrom_2_7908862	Ca_desi_chr02	7908862	[G/T]	NA
Ca_Desi_Chrom_2_7911889	Ca_desi_chr02	7911889	[A/C]	NA
Ca_Desi_Chrom_2_7956698	Ca_desi_chr02	7956698	[A/T]	NA
Ca_Desi_Chrom_2_7956702	Ca_desi_chr02	7956702	[T/G]	NA
Ca_Desi_Chrom_2_7956710	Ca_desi_chr02	7956710	[A/G]	NA
Ca_Desi_Chrom_2_7958537	Ca_desi_chr02	7958537	[A/G]	NA
Ca_Desi_Chrom_2_7959810	Ca_desi_chr02	7959810	[T/G]	NA
Ca_Desi_Chrom_2_7980007	Ca_desi_chr02	7980007	[T/G]	NA
Ca_Desi_Chrom_2_7980010	Ca_desi_chr02	7980010	[T/G]	NA
Ca_Desi_Chrom_2_8012689	Ca_desi_chr02	8012689	[C/A]	NA
Ca_Desi_Chrom_2_8013247	Ca_desi_chr02	8013247	[T/C]	NA
Ca_Desi_Chrom_2_8037205	Ca_desi_chr02	8037205	[A/C]	NA
Ca_Desi_Chrom_2_8065947	Ca_desi_chr02	8065947	[A/T]	NA
Ca_Desi_Chrom_2_8065976	Ca_desi_chr02	8065976	[T/C]	NA
Ca_Desi_Chrom_2_8113708	Ca_desi_chr02	8113708	[T/G]	NA
Ca_Desi_Chrom_2_8113723	Ca_desi_chr02	8113723	[C/T]	NA
Ca_Desi_Chrom_2_8113738	Ca_desi_chr02	8113738	[C/T]	NA
Ca_Desi_Chrom_2_8149819	Ca_desi_chr02	8149819	[T/C]	NA
Ca_Desi_Chrom_2_8160750	Ca_desi_chr02	8160750	[A/G]	NA
Ca_Desi_Chrom_2_8167139	Ca_desi_chr02	8167139	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_8167166	Ca_desi_chr02	8167166	[T/C]	NA
Ca_Desi_Chrom_2_8167697	Ca_desi_chr02	8167697	[T/C]	NA
Ca_Desi_Chrom_2_8167719	Ca_desi_chr02	8167719	[T/C]	NA
Ca_Desi_Chrom_2_8167729	Ca_desi_chr02	8167729	[A/G]	NA
Ca_Desi_Chrom_2_8167781	Ca_desi_chr02	8167781	[T/G]	NA
Ca_Desi_Chrom_2_8174383	Ca_desi_chr02	8174383	[T/G]	NA
Ca_Desi_Chrom_2_8234036	Ca_desi_chr02	8234036	[T/C]	NA
Ca_Desi_Chrom_2_8234042	Ca_desi_chr02	8234042	[A/G]	NA
Ca_Desi_Chrom_2_8234047	Ca_desi_chr02	8234047	[A/G]	NA
Ca_Desi_Chrom_2_8234048	Ca_desi_chr02	8234048	[A/G]	NA
Ca_Desi_Chrom_2_8234050	Ca_desi_chr02	8234050	[A/G]	NA
Ca_Desi_Chrom_2_8234059	Ca_desi_chr02	8234059	[T/C]	NA
Ca_Desi_Chrom_2_8234067	Ca_desi_chr02	8234067	[A/G]	NA
Ca_Desi_Chrom_2_8234071	Ca_desi_chr02	8234071	[A/G]	NA
Ca_Desi_Chrom_2_8234076	Ca_desi_chr02	8234076	[T/C]	NA
Ca_Desi_Chrom_2_8234078	Ca_desi_chr02	8234078	[A/G]	NA
Ca_Desi_Chrom_2_8234083	Ca_desi_chr02	8234083	[A/G]	NA
Ca_Desi_Chrom_2_8264499	Ca_desi_chr02	8264499	[A/G]	NA
Ca_Desi_Chrom_2_8264509	Ca_desi_chr02	8264509	[T/C]	NA
Ca_Desi_Chrom_2_8264540	Ca_desi_chr02	8264540	[A/G]	NA
Ca_Desi_Chrom_2_8294596	Ca_desi_chr02	8294596	[C/T]	NA
Ca_Desi_Chrom_2_8322715	Ca_desi_chr02	8322715	[A/G]	NA
Ca_Desi_Chrom_2_8322717	Ca_desi_chr02	8322717	[A/G]	NA
Ca_Desi_Chrom_2_8322723	Ca_desi_chr02	8322723	[A/G]	NA
Ca_Desi_Chrom_2_8322735	Ca_desi_chr02	8322735	[A/G]	NA
Ca_Desi_Chrom_2_8322810	Ca_desi_chr02	8322810	[T/G]	NA
Ca_Desi_Chrom_2_8397866	Ca_desi_chr02	8397866	[G/A]	NA
Ca_Desi_Chrom_2_8397883	Ca_desi_chr02	8397883	[A/G]	NA
Ca_Desi_Chrom_2_8397896	Ca_desi_chr02	8397896	[A/C]	NA
Ca_Desi_Chrom_2_8397956	Ca_desi_chr02	8397956	[T/G]	NA
Ca_Desi_Chrom_2_8397968	Ca_desi_chr02	8397968	[T/G]	NA
Ca_Desi_Chrom_2_8398016	Ca_desi_chr02	8398016	[A/T]	NA
Ca_Desi_Chrom_2_8436239	Ca_desi_chr02	8436239	[C/A]	NA
Ca_Desi_Chrom_2_8436240	Ca_desi_chr02	8436240	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_2_8436241	Ca_desig_chr02	8436241	[G/A]	NA
Ca_Desig_Chr_2_8436278	Ca_desig_chr02	8436278	[A/C]	NA
Ca_Desig_Chr_2_8436331	Ca_desig_chr02	8436331	[T/C]	NA
Ca_Desig_Chr_2_8436346	Ca_desig_chr02	8436346	[A/C]	NA
Ca_Desig_Chr_2_8436354	Ca_desig_chr02	8436354	[A/C]	NA
Ca_Desig_Chr_2_8465571	Ca_desig_chr02	8465571	[T/C]	NA
Ca_Desig_Chr_2_8465607	Ca_desig_chr02	8465607	[A/G]	NA
Ca_Desig_Chr_2_8495240	Ca_desig_chr02	8495240	[T/G]	NA
Ca_Desig_Chr_2_8510313	Ca_desig_chr02	8510313	[C/T]	NA
Ca_Desig_Chr_2_8530697	Ca_desig_chr02	8530697	[T/G]	NA
Ca_Desig_Chr_2_8562610	Ca_desig_chr02	8562610	[T/C]	NA
Ca_Desig_Chr_2_8562634	Ca_desig_chr02	8562634	[A/G]	NA
Ca_Desig_Chr_2_8562636	Ca_desig_chr02	8562636	[T/C]	NA
Ca_Desig_Chr_2_8562643	Ca_desig_chr02	8562643	[T/G]	NA
Ca_Desig_Chr_2_8568490	Ca_desig_chr02	8568490	[C/T]	NA
Ca_Desig_Chr_2_8568507	Ca_desig_chr02	8568507	[T/C]	NA
Ca_Desig_Chr_2_8568508	Ca_desig_chr02	8568508	[G/T]	NA
Ca_Desig_Chr_2_9844991	Ca_desig_chr02	9844991	[A/C]	NA
Ca_Desig_Chr_2_9873040	Ca_desig_chr02	9873040	[T/C]	NA
Ca_Desig_Chr_2_9873100	Ca_desig_chr02	9873100	[A/C]	NA
Ca_Desig_Chr_2_9873103	Ca_desig_chr02	9873103	[A/C]	NA
Ca_Desig_Chr_2_9873163	Ca_desig_chr02	9873163	[T/C]	NA
Ca_Desig_Chr_2_9873176	Ca_desig_chr02	9873176	[A/T]	NA
Ca_Desig_Chr_2_9885462	Ca_desig_chr02	9885462	[A/C]	NA
Ca_Desig_Chr_2_10370225	Ca_desig_chr02	10370225	[T/C]	NA
Ca_Desig_Chr_2_10436496	Ca_desig_chr02	10436496	[T/G]	NA
Ca_Desig_Chr_2_10436512	Ca_desig_chr02	10436512	[T/C]	NA
Ca_Desig_Chr_2_10436614	Ca_desig_chr02	10436614	[C/A]	NA
Ca_Desig_Chr_2_10776571	Ca_desig_chr02	10776571	[A/C]	NA
Ca_Desig_Chr_2_10864698	Ca_desig_chr02	10864698	[A/G]	NA
Ca_Desig_Chr_2_10864699	Ca_desig_chr02	10864699	[G/A]	NA
Ca_Desig_Chr_2_10864722	Ca_desig_chr02	10864722	[T/C]	NA
Ca_Desig_Chr_2_10864728	Ca_desig_chr02	10864728	[C/A]	NA
Ca_Desig_Chr_2_11084623	Ca_desig_chr02	11084623	[C/T]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_11110656	Ca_desi_chrom02	11110656	[T/G]	NA
Ca_Desi_Chrom_2_11170287	Ca_desi_chrom02	11170287	[T/A]	NA
Ca_Desi_Chrom_2_11170288	Ca_desi_chrom02	11170288	[A/T]	NA
Ca_Desi_Chrom_2_11276117	Ca_desi_chrom02	11276117	[T/C]	NA
Ca_Desi_Chrom_2_11366639	Ca_desi_chrom02	11366639	[C/G]	NA
Ca_Desi_Chrom_2_11366670	Ca_desi_chrom02	11366670	[A/T]	NA
Ca_Desi_Chrom_2_11393824	Ca_desi_chrom02	11393824	[C/T]	NA
Ca_Desi_Chrom_2_11393862	Ca_desi_chrom02	11393862	[C/G]	NA
Ca_Desi_Chrom_2_11394066	Ca_desi_chrom02	11394066	[A/G]	NA
Ca_Desi_Chrom_2_11394075	Ca_desi_chrom02	11394075	[G/A]	NA
Ca_Desi_Chrom_2_11394153	Ca_desi_chrom02	11394153	[C/T]	NA
Ca_Desi_Chrom_2_11403656	Ca_desi_chrom02	11403656	[C/T]	NA
Ca_Desi_Chrom_2_11403678	Ca_desi_chrom02	11403678	[C/T]	NA
Ca_Desi_Chrom_2_11403821	Ca_desi_chrom02	11403821	[T/A]	NA
Ca_Desi_Chrom_2_11403828	Ca_desi_chrom02	11403828	[C/T]	NA
Ca_Desi_Chrom_2_11403900	Ca_desi_chrom02	11403900	[C/A]	NA
Ca_Desi_Chrom_2_11422719	Ca_desi_chrom02	11422719	[G/T]	NA
Ca_Desi_Chrom_2_11422759	Ca_desi_chrom02	11422759	[T/A]	NA
Ca_Desi_Chrom_2_11423000	Ca_desi_chrom02	11423000	[C/A]	NA
Ca_Desi_Chrom_2_11423022	Ca_desi_chrom02	11423022	[C/T]	NA
Ca_Desi_Chrom_2_11423145	Ca_desi_chrom02	11423145	[G/A]	NA
Ca_Desi_Chrom_2_11423165	Ca_desi_chrom02	11423165	[T/A]	NA
Ca_Desi_Chrom_2_11634542	Ca_desi_chrom02	11634542	[A/C]	NA
Ca_Desi_Chrom_2_11680277	Ca_desi_chrom02	11680277	[T/C]	NA
Ca_Desi_Chrom_2_11853713	Ca_desi_chrom02	11853713	[A/G]	NA
Ca_Desi_Chrom_2_11979951	Ca_desi_chrom02	11979951	[A/C]	NA
Ca_Desi_Chrom_2_11979952	Ca_desi_chrom02	11979952	[G/T]	NA
Ca_Desi_Chrom_2_11979953	Ca_desi_chrom02	11979953	[A/T]	NA
Ca_Desi_Chrom_2_11985730	Ca_desi_chrom02	11985730	[A/C]	NA
Ca_Desi_Chrom_2_12071136	Ca_desi_chrom02	12071136	[T/C]	NA
Ca_Desi_Chrom_2_12071223	Ca_desi_chrom02	12071223	[T/A]	NA
Ca_Desi_Chrom_2_12071282	Ca_desi_chrom02	12071282	[A/C]	NA
Ca_Desi_Chrom_2_12072107	Ca_desi_chrom02	12072107	[G/A]	NA
Ca_Desi_Chrom_2_12072114	Ca_desi_chrom02	12072114	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_12271439	Ca_desi_chr02	12271439	[T/G]	NA
Ca_Desi_Chrom_2_12280233	Ca_desi_chr02	12280233	[G/A]	NA
Ca_Desi_Chrom_2_12280249	Ca_desi_chr02	12280249	[A/T]	NA
Ca_Desi_Chrom_2_12280263	Ca_desi_chr02	12280263	[A/C]	NA
Ca_Desi_Chrom_2_12311555	Ca_desi_chr02	12311555	[A/C]	NA
Ca_Desi_Chrom_2_12417990	Ca_desi_chr02	12417990	[A/G]	NA
Ca_Desi_Chrom_2_12418007	Ca_desi_chr02	12418007	[A/C]	NA
Ca_Desi_Chrom_2_12478434	Ca_desi_chr02	12478434	[A/G]	NA
Ca_Desi_Chrom_2_12478439	Ca_desi_chr02	12478439	[G/C]	NA
Ca_Desi_Chrom_2_12478444	Ca_desi_chr02	12478444	[C/T]	NA
Ca_Desi_Chrom_2_12478467	Ca_desi_chr02	12478467	[A/G]	NA
Ca_Desi_Chrom_2_12489642	Ca_desi_chr02	12489642	[T/G]	NA
Ca_Desi_Chrom_2_12518481	Ca_desi_chr02	12518481	[G/T]	NA
Ca_Desi_Chrom_2_12560867	Ca_desi_chr02	12560867	[A/T]	NA
Ca_Desi_Chrom_2_12609758	Ca_desi_chr02	12609758	[T/G]	NA
Ca_Desi_Chrom_2_12729592	Ca_desi_chr02	12729592	[A/C]	NA
Ca_Desi_Chrom_2_12729595	Ca_desi_chr02	12729595	[A/C]	NA
Ca_Desi_Chrom_2_12729864	Ca_desi_chr02	12729864	[A/G]	NA
Ca_Desi_Chrom_2_12729870	Ca_desi_chr02	12729870	[T/A]	NA
Ca_Desi_Chrom_2_12729884	Ca_desi_chr02	12729884	[G/A]	NA
Ca_Desi_Chrom_2_12729885	Ca_desi_chr02	12729885	[T/A]	NA
Ca_Desi_Chrom_2_12796796	Ca_desi_chr02	12796796	[T/A]	NA
Ca_Desi_Chrom_2_12796811	Ca_desi_chr02	12796811	[A/T]	NA
Ca_Desi_Chrom_2_12796832	Ca_desi_chr02	12796832	[T/C]	NA
Ca_Desi_Chrom_2_12796839	Ca_desi_chr02	12796839	[A/G]	NA
Ca_Desi_Chrom_2_12796843	Ca_desi_chr02	12796843	[T/C]	NA
Ca_Desi_Chrom_2_12796858	Ca_desi_chr02	12796858	[T/C]	NA
Ca_Desi_Chrom_2_12796865	Ca_desi_chr02	12796865	[T/G]	NA
Ca_Desi_Chrom_2_12796868	Ca_desi_chr02	12796868	[A/G]	NA
Ca_Desi_Chrom_2_12796870	Ca_desi_chr02	12796870	[A/G]	NA
Ca_Desi_Chrom_2_12796876	Ca_desi_chr02	12796876	[T/C]	NA
Ca_Desi_Chrom_2_12796878	Ca_desi_chr02	12796878	[G/T]	NA
Ca_Desi_Chrom_2_12796882	Ca_desi_chr02	12796882	[T/G]	NA
Ca_Desi_Chrom_2_12796886	Ca_desi_chr02	12796886	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_12797598	Ca_desi_chrom02	12797598	[G/A]	NA
Ca_Desi_Chrom_2_12797640	Ca_desi_chrom02	12797640	[G/A]	NA
Ca_Desi_Chrom_2_12833383	Ca_desi_chrom02	12833383	[T/G]	NA
Ca_Desi_Chrom_2_12835773	Ca_desi_chrom02	12835773	[C/A]	NA
Ca_Desi_Chrom_2_12835774	Ca_desi_chrom02	12835774	[T/G]	NA
Ca_Desi_Chrom_2_12863996	Ca_desi_chrom02	12863996	[T/A]	NA
Ca_Desi_Chrom_2_12864035	Ca_desi_chrom02	12864035	[A/G]	NA
Ca_Desi_Chrom_2_12985136	Ca_desi_chrom02	12985136	[G/A]	NA
Ca_Desi_Chrom_2_13002878	Ca_desi_chrom02	13002878	[A/G]	NA
Ca_Desi_Chrom_2_13002894	Ca_desi_chrom02	13002894	[T/A]	NA
Ca_Desi_Chrom_2_13002923	Ca_desi_chrom02	13002923	[T/G]	NA
Ca_Desi_Chrom_2_13016783	Ca_desi_chrom02	13016783	[A/G]	NA
Ca_Desi_Chrom_2_13016804	Ca_desi_chrom02	13016804	[T/C]	NA
Ca_Desi_Chrom_2_13016805	Ca_desi_chrom02	13016805	[T/C]	NA
Ca_Desi_Chrom_2_13016810	Ca_desi_chrom02	13016810	[T/C]	NA
Ca_Desi_Chrom_2_13016833	Ca_desi_chrom02	13016833	[A/G]	NA
Ca_Desi_Chrom_2_13038360	Ca_desi_chrom02	13038360	[A/T]	NA
Ca_Desi_Chrom_2_13039224	Ca_desi_chrom02	13039224	[A/T]	NA
Ca_Desi_Chrom_2_13122853	Ca_desi_chrom02	13122853	[T/G]	NA
Ca_Desi_Chrom_2_13127040	Ca_desi_chrom02	13127040	[T/A]	NA
Ca_Desi_Chrom_2_13147111	Ca_desi_chrom02	13147111	[T/G]	NA
Ca_Desi_Chrom_2_13147119	Ca_desi_chrom02	13147119	[A/T]	NA
Ca_Desi_Chrom_2_13152854	Ca_desi_chrom02	13152854	[A/G]	NA
Ca_Desi_Chrom_2_13152868	Ca_desi_chrom02	13152868	[T/C]	NA
Ca_Desi_Chrom_2_13163809	Ca_desi_chrom02	13163809	[A/C]	NA
Ca_Desi_Chrom_2_13260498	Ca_desi_chrom02	13260498	[G/A]	NA
Ca_Desi_Chrom_2_13260559	Ca_desi_chrom02	13260559	[G/A]	NA
Ca_Desi_Chrom_2_13260562	Ca_desi_chrom02	13260562	[T/G]	NA
Ca_Desi_Chrom_2_13262329	Ca_desi_chrom02	13262329	[A/C]	NA
Ca_Desi_Chrom_2_13410457	Ca_desi_chrom02	13410457	[G/T]	NA
Ca_Desi_Chrom_2_13413397	Ca_desi_chrom02	13413397	[T/C]	NA
Ca_Desi_Chrom_2_13443269	Ca_desi_chrom02	13443269	[T/G]	NA
Ca_Desi_Chrom_2_13536762	Ca_desi_chrom02	13536762	[A/C]	NA
Ca_Desi_Chrom_2_13900388	Ca_desi_chrom02	13900388	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_2_13924504	Ca_desig_chr02	13924504	[T/C]	NA
Ca_Desig_Chr_2_13924506	Ca_desig_chr02	13924506	[A/T]	NA
Ca_Desig_Chr_2_13924569	Ca_desig_chr02	13924569	[A/C]	NA
Ca_Desig_Chr_2_13924598	Ca_desig_chr02	13924598	[A/C]	NA
Ca_Desig_Chr_2_13941805	Ca_desig_chr02	13941805	[A/C]	NA
Ca_Desig_Chr_2_13941833	Ca_desig_chr02	13941833	[T/G]	NA
Ca_Desig_Chr_2_13941844	Ca_desig_chr02	13941844	[C/G]	NA
Ca_Desig_Chr_2_13942330	Ca_desig_chr02	13942330	[T/C]	NA
Ca_Desig_Chr_2_13980480	Ca_desig_chr02	13980480	[T/G]	NA
Ca_Desig_Chr_2_14007286	Ca_desig_chr02	14007286	[C/G]	NA
Ca_Desig_Chr_2_14007287	Ca_desig_chr02	14007287	[T/G]	NA
Ca_Desig_Chr_2_14051746	Ca_desig_chr02	14051746	[T/C]	NA
Ca_Desig_Chr_2_14051749	Ca_desig_chr02	14051749	[A/C]	NA
Ca_Desig_Chr_2_14064974	Ca_desig_chr02	14064974	[T/A]	NA
Ca_Desig_Chr_2_14068074	Ca_desig_chr02	14068074	[T/G]	NA
Ca_Desig_Chr_2_14068088	Ca_desig_chr02	14068088	[T/G]	NA
Ca_Desig_Chr_2_14124391	Ca_desig_chr02	14124391	[A/C]	NA
Ca_Desig_Chr_2_14124411	Ca_desig_chr02	14124411	[T/C]	NA
Ca_Desig_Chr_2_14124416	Ca_desig_chr02	14124416	[A/G]	NA
Ca_Desig_Chr_2_14124419	Ca_desig_chr02	14124419	[A/G]	NA
Ca_Desig_Chr_2_14124421	Ca_desig_chr02	14124421	[A/C]	NA
Ca_Desig_Chr_2_14160600	Ca_desig_chr02	14160600	[A/G]	NA
Ca_Desig_Chr_2_14163542	Ca_desig_chr02	14163542	[A/C]	NA
Ca_Desig_Chr_2_14163551	Ca_desig_chr02	14163551	[A/C]	NA
Ca_Desig_Chr_2_14163612	Ca_desig_chr02	14163612	[A/C]	NA
Ca_Desig_Chr_2_14163618	Ca_desig_chr02	14163618	[A/C]	NA
Ca_Desig_Chr_2_14163647	Ca_desig_chr02	14163647	[C/T]	NA
Ca_Desig_Chr_2_14169133	Ca_desig_chr02	14169133	[C/T]	NA
Ca_Desig_Chr_2_14169300	Ca_desig_chr02	14169300	[C/T]	NA
Ca_Desig_Chr_2_14209948	Ca_desig_chr02	14209948	[A/C]	NA
Ca_Desig_Chr_2_14209949	Ca_desig_chr02	14209949	[A/G]	NA
Ca_Desig_Chr_2_14209951	Ca_desig_chr02	14209951	[A/T]	NA
Ca_Desig_Chr_2_14209961	Ca_desig_chr02	14209961	[T/C]	NA
Ca_Desig_Chr_2_14211958	Ca_desig_chr02	14211958	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_14212005	Ca_desi_chr02	14212005	[A/G]	NA
Ca_Desi_Chrom_2_14225002	Ca_desi_chr02	14225002	[A/G]	NA
Ca_Desi_Chrom_2_14225008	Ca_desi_chr02	14225008	[A/G]	NA
Ca_Desi_Chrom_2_14225009	Ca_desi_chr02	14225009	[G/T]	NA
Ca_Desi_Chrom_2_14225010	Ca_desi_chr02	14225010	[T/C]	NA
Ca_Desi_Chrom_2_14225012	Ca_desi_chr02	14225012	[T/C]	NA
Ca_Desi_Chrom_2_14225013	Ca_desi_chr02	14225013	[C/A]	NA
Ca_Desi_Chrom_2_14225016	Ca_desi_chr02	14225016	[A/G]	NA
Ca_Desi_Chrom_2_14225017	Ca_desi_chr02	14225017	[G/C]	NA
Ca_Desi_Chrom_2_14225019	Ca_desi_chr02	14225019	[C/A]	NA
Ca_Desi_Chrom_2_14225020	Ca_desi_chr02	14225020	[A/G]	NA
Ca_Desi_Chrom_2_14225033	Ca_desi_chr02	14225033	[A/G]	NA
Ca_Desi_Chrom_2_14225038	Ca_desi_chr02	14225038	[C/A]	NA
Ca_Desi_Chrom_2_14225039	Ca_desi_chr02	14225039	[T/C]	NA
Ca_Desi_Chrom_2_14225056	Ca_desi_chr02	14225056	[T/A]	NA
Ca_Desi_Chrom_2_14225059	Ca_desi_chr02	14225059	[A/G]	NA
Ca_Desi_Chrom_2_14225062	Ca_desi_chr02	14225062	[T/A]	NA
Ca_Desi_Chrom_2_14406592	Ca_desi_chr02	14406592	[T/C]	NA
Ca_Desi_Chrom_2_14406613	Ca_desi_chr02	14406613	[A/G]	NA
Ca_Desi_Chrom_2_14406640	Ca_desi_chr02	14406640	[T/C]	NA
Ca_Desi_Chrom_2_14445991	Ca_desi_chr02	14445991	[C/A]	NA
Ca_Desi_Chrom_2_14445992	Ca_desi_chr02	14445992	[A/G]	NA
Ca_Desi_Chrom_2_14445993	Ca_desi_chr02	14445993	[T/A]	NA
Ca_Desi_Chrom_2_14445995	Ca_desi_chr02	14445995	[A/C]	NA
Ca_Desi_Chrom_2_14445996	Ca_desi_chr02	14445996	[T/G]	NA
Ca_Desi_Chrom_2_14446035	Ca_desi_chr02	14446035	[T/A]	NA
Ca_Desi_Chrom_2_14449492	Ca_desi_chr02	14449492	[A/C]	NA
Ca_Desi_Chrom_2_14449506	Ca_desi_chr02	14449506	[A/C]	NA
Ca_Desi_Chrom_2_14489890	Ca_desi_chr02	14489890	[A/C]	NA
Ca_Desi_Chrom_2_14489912	Ca_desi_chr02	14489912	[T/A]	NA
Ca_Desi_Chrom_2_14489920	Ca_desi_chr02	14489920	[T/C]	NA
Ca_Desi_Chrom_2_14493800	Ca_desi_chr02	14493800	[T/G]	NA
Ca_Desi_Chrom_2_14493803	Ca_desi_chr02	14493803	[T/G]	NA
Ca_Desi_Chrom_2_14493808	Ca_desi_chr02	14493808	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_2_14493834	Ca_desig_chr02	14493834	[G/A]	NA
Ca_Desig_Chr_2_14493836	Ca_desig_chr02	14493836	[A/G]	NA
Ca_Desig_Chr_2_14493837	Ca_desig_chr02	14493837	[G/A]	NA
Ca_Desig_Chr_2_14493838	Ca_desig_chr02	14493838	[C/A]	NA
Ca_Desig_Chr_2_14493840	Ca_desig_chr02	14493840	[A/G]	NA
Ca_Desig_Chr_2_14518598	Ca_desig_chr02	14518598	[A/G]	NA
Ca_Desig_Chr_2_14518607	Ca_desig_chr02	14518607	[T/C]	NA
Ca_Desig_Chr_2_14660979	Ca_desig_chr02	14660979	[C/T]	NA
Ca_Desig_Chr_2_14682646	Ca_desig_chr02	14682646	[A/C]	NA
Ca_Desig_Chr_2_14713714	Ca_desig_chr02	14713714	[A/T]	NA
Ca_Desig_Chr_2_14716976	Ca_desig_chr02	14716976	[T/C]	NA
Ca_Desig_Chr_2_14716991	Ca_desig_chr02	14716991	[A/G]	NA
Ca_Desig_Chr_2_14717018	Ca_desig_chr02	14717018	[A/G]	NA
Ca_Desig_Chr_2_14730254	Ca_desig_chr02	14730254	[T/G]	NA
Ca_Desig_Chr_2_14739960	Ca_desig_chr02	14739960	[T/G]	NA
Ca_Desig_Chr_2_14739987	Ca_desig_chr02	14739987	[A/C]	NA
Ca_Desig_Chr_2_14756579	Ca_desig_chr02	14756579	[G/T]	NA
Ca_Desig_Chr_2_14756596	Ca_desig_chr02	14756596	[A/C]	NA
Ca_Desig_Chr_2_14766621	Ca_desig_chr02	14766621	[T/C]	NA
Ca_Desig_Chr_2_14766627	Ca_desig_chr02	14766627	[T/C]	NA
Ca_Desig_Chr_2_14766632	Ca_desig_chr02	14766632	[A/G]	NA
Ca_Desig_Chr_2_14766636	Ca_desig_chr02	14766636	[T/G]	NA
Ca_Desig_Chr_2_14766648	Ca_desig_chr02	14766648	[A/G]	NA
Ca_Desig_Chr_2_14766672	Ca_desig_chr02	14766672	[T/C]	NA
Ca_Desig_Chr_2_14766675	Ca_desig_chr02	14766675	[T/C]	NA
Ca_Desig_Chr_2_14766681	Ca_desig_chr02	14766681	[T/C]	NA
Ca_Desig_Chr_2_14766683	Ca_desig_chr02	14766683	[T/C]	NA
Ca_Desig_Chr_2_14784385	Ca_desig_chr02	14784385	[T/G]	NA
Ca_Desig_Chr_2_14861116	Ca_desig_chr02	14861116	[A/C]	NA
Ca_Desig_Chr_2_14861121	Ca_desig_chr02	14861121	[A/G]	NA
Ca_Desig_Chr_2_14861127	Ca_desig_chr02	14861127	[T/A]	NA
Ca_Desig_Chr_2_14982834	Ca_desig_chr02	14982834	[T/C]	NA
Ca_Desig_Chr_2_15006769	Ca_desig_chr02	15006769	[A/G]	NA
Ca_Desig_Chr_2_15006778	Ca_desig_chr02	15006778	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_2_15006797	Ca_desig_chr02	15006797	[T/C]	NA
Ca_Desig_Chr_2_15006809	Ca_desig_chr02	15006809	[T/G]	NA
Ca_Desig_Chr_2_15006815	Ca_desig_chr02	15006815	[A/G]	NA
Ca_Desig_Chr_2_15014175	Ca_desig_chr02	15014175	[A/C]	NA
Ca_Desig_Chr_2_15014177	Ca_desig_chr02	15014177	[C/T]	NA
Ca_Desig_Chr_2_15121017	Ca_desig_chr02	15121017	[C/A]	NA
Ca_Desig_Chr_2_15121066	Ca_desig_chr02	15121066	[A/C]	NA
Ca_Desig_Chr_2_15121075	Ca_desig_chr02	15121075	[A/C]	NA
Ca_Desig_Chr_2_15152269	Ca_desig_chr02	15152269	[T/C]	NA
Ca_Desig_Chr_2_15223689	Ca_desig_chr02	15223689	[T/C]	NA
Ca_Desig_Chr_2_15223697	Ca_desig_chr02	15223697	[T/C]	NA
Ca_Desig_Chr_2_15223701	Ca_desig_chr02	15223701	[A/G]	NA
Ca_Desig_Chr_2_15223705	Ca_desig_chr02	15223705	[A/G]	NA
Ca_Desig_Chr_2_15223707	Ca_desig_chr02	15223707	[A/G]	NA
Ca_Desig_Chr_2_15223713	Ca_desig_chr02	15223713	[A/G]	NA
Ca_Desig_Chr_2_15223716	Ca_desig_chr02	15223716	[A/G]	NA
Ca_Desig_Chr_2_15223718	Ca_desig_chr02	15223718	[A/G]	NA
Ca_Desig_Chr_2_15223721	Ca_desig_chr02	15223721	[A/G]	NA
Ca_Desig_Chr_2_15223724	Ca_desig_chr02	15223724	[A/G]	NA
Ca_Desig_Chr_2_15223725	Ca_desig_chr02	15223725	[A/G]	NA
Ca_Desig_Chr_2_15223726	Ca_desig_chr02	15223726	[A/C]	NA
Ca_Desig_Chr_2_15223728	Ca_desig_chr02	15223728	[T/C]	NA
Ca_Desig_Chr_2_15223796	Ca_desig_chr02	15223796	[T/C]	NA
Ca_Desig_Chr_2_15270725	Ca_desig_chr02	15270725	[T/G]	NA
Ca_Desig_Chr_2_15299666	Ca_desig_chr02	15299666	[G/T]	NA
Ca_Desig_Chr_2_15304940	Ca_desig_chr02	15304940	[T/G]	NA
Ca_Desig_Chr_2_15329581	Ca_desig_chr02	15329581	[T/G]	NA
Ca_Desig_Chr_2_15427040	Ca_desig_chr02	15427040	[T/C]	NA
Ca_Desig_Chr_2_15438696	Ca_desig_chr02	15438696	[T/C]	NA
Ca_Desig_Chr_2_15438711	Ca_desig_chr02	15438711	[T/C]	NA
Ca_Desig_Chr_2_15473629	Ca_desig_chr02	15473629	[T/A]	NA
Ca_Desig_Chr_2_15473630	Ca_desig_chr02	15473630	[A/T]	NA
Ca_Desig_Chr_2_15473631	Ca_desig_chr02	15473631	[T/A]	NA
Ca_Desig_Chr_2_15473632	Ca_desig_chr02	15473632	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_15473633	Ca_desi_chrom02	15473633	[A/T]	NA
Ca_Desi_Chrom_2_15488573	Ca_desi_chrom02	15488573	[A/C]	NA
Ca_Desi_Chrom_2_15488590	Ca_desi_chrom02	15488590	[T/C]	NA
Ca_Desi_Chrom_2_15502299	Ca_desi_chrom02	15502299	[T/A]	NA
Ca_Desi_Chrom_2_15502341	Ca_desi_chrom02	15502341	[T/C]	NA
Ca_Desi_Chrom_2_15505255	Ca_desi_chrom02	15505255	[T/G]	NA
Ca_Desi_Chrom_2_15505286	Ca_desi_chrom02	15505286	[A/G]	NA
Ca_Desi_Chrom_2_15510688	Ca_desi_chrom02	15510688	[T/G]	NA
Ca_Desi_Chrom_2_15510696	Ca_desi_chrom02	15510696	[T/G]	NA
Ca_Desi_Chrom_2_15575100	Ca_desi_chrom02	15575100	[T/G]	NA
Ca_Desi_Chrom_2_15575111	Ca_desi_chrom02	15575111	[T/G]	NA
Ca_Desi_Chrom_2_15575124	Ca_desi_chrom02	15575124	[T/A]	NA
Ca_Desi_Chrom_2_15575125	Ca_desi_chrom02	15575125	[C/A]	NA
Ca_Desi_Chrom_2_15575126	Ca_desi_chrom02	15575126	[T/C]	NA
Ca_Desi_Chrom_2_15575127	Ca_desi_chrom02	15575127	[C/T]	NA
Ca_Desi_Chrom_2_15575128	Ca_desi_chrom02	15575128	[A/C]	NA
Ca_Desi_Chrom_2_15575129	Ca_desi_chrom02	15575129	[G/T]	NA
Ca_Desi_Chrom_2_15575132	Ca_desi_chrom02	15575132	[A/G]	NA
Ca_Desi_Chrom_2_15652498	Ca_desi_chrom02	15652498	[T/G]	NA
Ca_Desi_Chrom_2_15653200	Ca_desi_chrom02	15653200	[A/C]	NA
Ca_Desi_Chrom_2_15656107	Ca_desi_chrom02	15656107	[T/C]	NA
Ca_Desi_Chrom_2_15677613	Ca_desi_chrom02	15677613	[T/C]	NA
Ca_Desi_Chrom_2_15677616	Ca_desi_chrom02	15677616	[T/C]	NA
Ca_Desi_Chrom_2_15677632	Ca_desi_chrom02	15677632	[A/G]	NA
Ca_Desi_Chrom_2_15677646	Ca_desi_chrom02	15677646	[A/G]	NA
Ca_Desi_Chrom_2_15677650	Ca_desi_chrom02	15677650	[T/G]	NA
Ca_Desi_Chrom_2_15822308	Ca_desi_chrom02	15822308	[A/G]	NA
Ca_Desi_Chrom_2_15822318	Ca_desi_chrom02	15822318	[A/G]	NA
Ca_Desi_Chrom_2_15822346	Ca_desi_chrom02	15822346	[T/G]	NA
Ca_Desi_Chrom_2_15876643	Ca_desi_chrom02	15876643	[A/T]	NA
Ca_Desi_Chrom_2_15878389	Ca_desi_chrom02	15878389	[T/C]	NA
Ca_Desi_Chrom_2_15878476	Ca_desi_chrom02	15878476	[A/T]	NA
Ca_Desi_Chrom_2_15878496	Ca_desi_chrom02	15878496	[T/G]	NA
Ca_Desi_Chrom_2_15905877	Ca_desi_chrom02	15905877	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_15905883	Ca_desi_chrom02	15905883	[T/C]	NA
Ca_Desi_Chrom_2_15905898	Ca_desi_chrom02	15905898	[T/C]	NA
Ca_Desi_Chrom_2_15905916	Ca_desi_chrom02	15905916	[T/C]	NA
Ca_Desi_Chrom_2_15905919	Ca_desi_chrom02	15905919	[T/G]	NA
Ca_Desi_Chrom_2_15905925	Ca_desi_chrom02	15905925	[A/C]	NA
Ca_Desi_Chrom_2_15905931	Ca_desi_chrom02	15905931	[T/C]	NA
Ca_Desi_Chrom_2_15905934	Ca_desi_chrom02	15905934	[T/C]	NA
Ca_Desi_Chrom_2_15926923	Ca_desi_chrom02	15926923	[C/T]	NA
Ca_Desi_Chrom_2_15937203	Ca_desi_chrom02	15937203	[T/C]	NA
Ca_Desi_Chrom_2_15937209	Ca_desi_chrom02	15937209	[T/C]	NA
Ca_Desi_Chrom_2_15937214	Ca_desi_chrom02	15937214	[G/C]	NA
Ca_Desi_Chrom_2_15937217	Ca_desi_chrom02	15937217	[T/C]	NA
Ca_Desi_Chrom_2_15937221	Ca_desi_chrom02	15937221	[T/C]	NA
Ca_Desi_Chrom_2_15937224	Ca_desi_chrom02	15937224	[T/C]	NA
Ca_Desi_Chrom_2_15937226	Ca_desi_chrom02	15937226	[G/C]	NA
Ca_Desi_Chrom_2_15937229	Ca_desi_chrom02	15937229	[A/C]	NA
Ca_Desi_Chrom_2_15937231	Ca_desi_chrom02	15937231	[A/G]	NA
Ca_Desi_Chrom_2_15937232	Ca_desi_chrom02	15937232	[G/A]	NA
Ca_Desi_Chrom_2_15937233	Ca_desi_chrom02	15937233	[A/G]	NA
Ca_Desi_Chrom_2_15937238	Ca_desi_chrom02	15937238	[G/C]	NA
Ca_Desi_Chrom_2_15937243	Ca_desi_chrom02	15937243	[T/G]	NA
Ca_Desi_Chrom_2_15937247	Ca_desi_chrom02	15937247	[T/C]	NA
Ca_Desi_Chrom_2_15937249	Ca_desi_chrom02	15937249	[A/C]	NA
Ca_Desi_Chrom_2_15937258	Ca_desi_chrom02	15937258	[C/G]	NA
Ca_Desi_Chrom_2_15951042	Ca_desi_chrom02	15951042	[T/G]	NA
Ca_Desi_Chrom_2_15951050	Ca_desi_chrom02	15951050	[T/G]	NA
Ca_Desi_Chrom_2_15951058	Ca_desi_chrom02	15951058	[A/G]	NA
Ca_Desi_Chrom_2_15951060	Ca_desi_chrom02	15951060	[A/G]	NA
Ca_Desi_Chrom_2_15951065	Ca_desi_chrom02	15951065	[G/A]	NA
Ca_Desi_Chrom_2_15951067	Ca_desi_chrom02	15951067	[G/A]	NA
Ca_Desi_Chrom_2_15951069	Ca_desi_chrom02	15951069	[A/G]	NA
Ca_Desi_Chrom_2_15951070	Ca_desi_chrom02	15951070	[G/A]	NA
Ca_Desi_Chrom_2_15951072	Ca_desi_chrom02	15951072	[A/G]	NA
Ca_Desi_Chrom_2_15951073	Ca_desi_chrom02	15951073	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_15951077	Ca_desi_chrom02	15951077	[T/G]	NA
Ca_Desi_Chrom_2_15951086	Ca_desi_chrom02	15951086	[T/G]	NA
Ca_Desi_Chrom_2_15951090	Ca_desi_chrom02	15951090	[G/A]	NA
Ca_Desi_Chrom_2_15951105	Ca_desi_chrom02	15951105	[A/C]	NA
Ca_Desi_Chrom_2_15959845	Ca_desi_chrom02	15959845	[T/A]	NA
Ca_Desi_Chrom_2_15963642	Ca_desi_chrom02	15963642	[T/G]	NA
Ca_Desi_Chrom_2_15970064	Ca_desi_chrom02	15970064	[T/G]	NA
Ca_Desi_Chrom_2_15970101	Ca_desi_chrom02	15970101	[A/G]	NA
Ca_Desi_Chrom_2_16114811	Ca_desi_chrom02	16114811	[A/T]	NA
Ca_Desi_Chrom_2_16136668	Ca_desi_chrom02	16136668	[C/T]	NA
Ca_Desi_Chrom_2_16138961	Ca_desi_chrom02	16138961	[A/G]	NA
Ca_Desi_Chrom_2_16138966	Ca_desi_chrom02	16138966	[C/A]	NA
Ca_Desi_Chrom_2_16139069	Ca_desi_chrom02	16139069	[T/G]	NA
Ca_Desi_Chrom_2_16216850	Ca_desi_chrom02	16216850	[A/C]	NA
Ca_Desi_Chrom_2_16216857	Ca_desi_chrom02	16216857	[C/T]	NA
Ca_Desi_Chrom_2_16216861	Ca_desi_chrom02	16216861	[A/C]	NA
Ca_Desi_Chrom_2_16676201	Ca_desi_chrom02	16676201	[C/A]	NA
Ca_Desi_Chrom_2_16683365	Ca_desi_chrom02	16683365	[G/C]	NA
Ca_Desi_Chrom_2_16706522	Ca_desi_chrom02	16706522	[T/C]	NA
Ca_Desi_Chrom_2_16714762	Ca_desi_chrom02	16714762	[A/G]	NA
Ca_Desi_Chrom_2_16716541	Ca_desi_chrom02	16716541	[T/G]	NA
Ca_Desi_Chrom_2_16741187	Ca_desi_chrom02	16741187	[C/T]	NA
Ca_Desi_Chrom_2_16741261	Ca_desi_chrom02	16741261	[T/C]	NA
Ca_Desi_Chrom_2_16741272	Ca_desi_chrom02	16741272	[A/C]	NA
Ca_Desi_Chrom_2_16741302	Ca_desi_chrom02	16741302	[C/T]	NA
Ca_Desi_Chrom_2_16748554	Ca_desi_chrom02	16748554	[G/T]	NA
Ca_Desi_Chrom_2_16748556	Ca_desi_chrom02	16748556	[T/G]	NA
Ca_Desi_Chrom_2_16748679	Ca_desi_chrom02	16748679	[T/A]	NA
Ca_Desi_Chrom_2_16748700	Ca_desi_chrom02	16748700	[G/A]	NA
Ca_Desi_Chrom_2_16748726	Ca_desi_chrom02	16748726	[T/A]	NA
Ca_Desi_Chrom_2_16748779	Ca_desi_chrom02	16748779	[T/A]	NA
Ca_Desi_Chrom_2_16753289	Ca_desi_chrom02	16753289	[T/C]	NA
Ca_Desi_Chrom_2_16757057	Ca_desi_chrom02	16757057	[T/G]	NA
Ca_Desi_Chrom_2_16757086	Ca_desi_chrom02	16757086	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_2_16757108	Ca_desi_chr02	16757108	[A/G]	NA
Ca_Desi_Chrom_2_16838408	Ca_desi_chr02	16838408	[T/G]	NA
Ca_Desi_Chrom_2_16838430	Ca_desi_chr02	16838430	[T/C]	NA
Ca_Desi_Chrom_2_16838436	Ca_desi_chr02	16838436	[T/C]	NA
Ca_Desi_Chrom_2_16856375	Ca_desi_chr02	16856375	[C/T]	NA
Ca_Desi_Chrom_2_16856387	Ca_desi_chr02	16856387	[T/A]	NA
Ca_Desi_Chrom_2_16856404	Ca_desi_chr02	16856404	[T/C]	NA
Ca_Desi_Chrom_2_16856406	Ca_desi_chr02	16856406	[G/C]	NA
Ca_Desi_Chrom_2_16856409	Ca_desi_chr02	16856409	[T/G]	NA
Ca_Desi_Chrom_2_16954879	Ca_desi_chr02	16954879	[A/G]	NA
Ca_Desi_Chrom_2_16992629	Ca_desi_chr02	16992629	[A/G]	NA
Ca_Desi_Chrom_2_16992640	Ca_desi_chr02	16992640	[T/G]	NA
Ca_Desi_Chrom_2_16992666	Ca_desi_chr02	16992666	[T/C]	NA
Ca_Desi_Chrom_2_16992676	Ca_desi_chr02	16992676	[T/C]	NA
Ca_Desi_Chrom_2_16992678	Ca_desi_chr02	16992678	[T/C]	NA
Ca_Desi_Chrom_2_17048232	Ca_desi_chr02	17048232	[G/T]	NA
Ca_Desi_Chrom_2_17048276	Ca_desi_chr02	17048276	[T/A]	NA
Ca_Desi_Chrom_2_17048306	Ca_desi_chr02	17048306	[A/G]	NA
Ca_Desi_Chrom_2_17048324	Ca_desi_chr02	17048324	[A/G]	NA
Ca_Desi_Chrom_2_17187204	Ca_desi_chr02	17187204	[A/G]	NA
Ca_Desi_Chrom_2_17187220	Ca_desi_chr02	17187220	[T/C]	NA
Ca_Desi_Chrom_2_17187228	Ca_desi_chr02	17187228	[A/G]	NA
Ca_Desi_Chrom_2_17187244	Ca_desi_chr02	17187244	[T/A]	NA
Ca_Desi_Chrom_2_17230663	Ca_desi_chr02	17230663	[A/G]	NA
Ca_Desi_Chrom_3_126478	Ca_desi_chr03	126478	[A/G]	NA
Ca_Desi_Chrom_3_126485	Ca_desi_chr03	126485	[T/G]	NA
Ca_Desi_Chrom_3_126490	Ca_desi_chr03	126490	[T/A]	NA
Ca_Desi_Chrom_3_126616	Ca_desi_chr03	126616	[G/A]	NA
Ca_Desi_Chrom_3_126619	Ca_desi_chr03	126619	[G/A]	NA
Ca_Desi_Chrom_3_234208	Ca_desi_chr03	234208	[A/T]	NA
Ca_Desi_Chrom_3_234219	Ca_desi_chr03	234219	[A/T]	NA
Ca_Desi_Chrom_3_347881	Ca_desi_chr03	347881	[T/G]	NA
Ca_Desi_Chrom_3_348960	Ca_desi_chr03	348960	[G/T]	NA
Ca_Desi_Chrom_3_644787	Ca_desi_chr03	644787	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_644790	Ca_desi_chr03	644790	[C/A]	NA
Ca_Desi_Chrom_3_644806	Ca_desi_chr03	644806	[C/A]	NA
Ca_Desi_Chrom_3_644808	Ca_desi_chr03	644808	[C/T]	NA
Ca_Desi_Chrom_3_644812	Ca_desi_chr03	644812	[G/T]	NA
Ca_Desi_Chrom_3_645024	Ca_desi_chr03	645024	[A/C]	NA
Ca_Desi_Chrom_3_668396	Ca_desi_chr03	668396	[A/G]	NA
Ca_Desi_Chrom_3_669328	Ca_desi_chr03	669328	[A/T]	NA
Ca_Desi_Chrom_3_684390	Ca_desi_chr03	684390	[A/G]	NA
Ca_Desi_Chrom_3_691462	Ca_desi_chr03	691462	[A/G]	NA
Ca_Desi_Chrom_3_691479	Ca_desi_chr03	691479	[T/A]	NA
Ca_Desi_Chrom_3_691509	Ca_desi_chr03	691509	[A/C]	NA
Ca_Desi_Chrom_3_691519	Ca_desi_chr03	691519	[T/G]	NA
Ca_Desi_Chrom_3_697924	Ca_desi_chr03	697924	[T/G]	NA
Ca_Desi_Chrom_3_698163	Ca_desi_chr03	698163	[T/A]	NA
Ca_Desi_Chrom_3_698170	Ca_desi_chr03	698170	[T/A]	NA
Ca_Desi_Chrom_3_762890	Ca_desi_chr03	762890	[A/C]	NA
Ca_Desi_Chrom_3_764477	Ca_desi_chr03	764477	[A/C]	NA
Ca_Desi_Chrom_3_764593	Ca_desi_chr03	764593	[A/C]	NA
Ca_Desi_Chrom_3_782913	Ca_desi_chr03	782913	[T/G]	NA
Ca_Desi_Chrom_3_783054	Ca_desi_chr03	783054	[T/G]	NA
Ca_Desi_Chrom_3_783093	Ca_desi_chr03	783093	[A/C]	NA
Ca_Desi_Chrom_3_783107	Ca_desi_chr03	783107	[A/G]	NA
Ca_Desi_Chrom_3_839877	Ca_desi_chr03	839877	[T/G]	NA
Ca_Desi_Chrom_3_841817	Ca_desi_chr03	841817	[C/A]	NA
Ca_Desi_Chrom_3_841818	Ca_desi_chr03	841818	[A/G]	NA
Ca_Desi_Chrom_3_841819	Ca_desi_chr03	841819	[T/A]	NA
Ca_Desi_Chrom_3_854698	Ca_desi_chr03	854698	[C/T]	NA
Ca_Desi_Chrom_3_867821	Ca_desi_chr03	867821	[A/G]	NA
Ca_Desi_Chrom_3_869249	Ca_desi_chr03	869249	[C/T]	NA
Ca_Desi_Chrom_3_870904	Ca_desi_chr03	870904	[T/C]	NA
Ca_Desi_Chrom_3_930269	Ca_desi_chr03	930269	[T/G]	NA
Ca_Desi_Chrom_3_987408	Ca_desi_chr03	987408	[A/G]	NA
Ca_Desi_Chrom_3_987412	Ca_desi_chr03	987412	[T/G]	NA
Ca_Desi_Chrom_3_987450	Ca_desi_chr03	987450	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrr_3_987453	Ca_desi_chrr03	987453	[T/G]	NA
Ca_Desi_Chrr_3_993124	Ca_desi_chrr03	993124	[A/C]	NA
Ca_Desi_Chrr_3_993125	Ca_desi_chrr03	993125	[C/A]	NA
Ca_Desi_Chrr_3_993126	Ca_desi_chrr03	993126	[A/G]	NA
Ca_Desi_Chrr_3_993127	Ca_desi_chrr03	993127	[G/C]	NA
Ca_Desi_Chrr_3_995109	Ca_desi_chrr03	995109	[A/C]	NA
Ca_Desi_Chrr_3_995118	Ca_desi_chrr03	995118	[T/C]	NA
Ca_Desi_Chrr_3_1000504	Ca_desi_chrr03	1000504	[T/C]	NA
Ca_Desi_Chrr_3_1006248	Ca_desi_chrr03	1006248	[T/C]	NA
Ca_Desi_Chrr_3_1006273	Ca_desi_chrr03	1006273	[A/G]	NA
Ca_Desi_Chrr_3_1006284	Ca_desi_chrr03	1006284	[A/T]	NA
Ca_Desi_Chrr_3_1011960	Ca_desi_chrr03	1011960	[T/C]	NA
Ca_Desi_Chrr_3_1039492	Ca_desi_chrr03	1039492	[G/T]	NA
Ca_Desi_Chrr_3_1040662	Ca_desi_chrr03	1040662	[A/C]	NA
Ca_Desi_Chrr_3_1040685	Ca_desi_chrr03	1040685	[G/T]	NA
Ca_Desi_Chrr_3_1040786	Ca_desi_chrr03	1040786	[T/A]	NA
Ca_Desi_Chrr_3_1125469	Ca_desi_chrr03	1125469	[A/G]	NA
Ca_Desi_Chrr_3_1125503	Ca_desi_chrr03	1125503	[T/A]	NA
Ca_Desi_Chrr_3_1142171	Ca_desi_chrr03	1142171	[T/C]	NA
Ca_Desi_Chrr_3_1142311	Ca_desi_chrr03	1142311	[T/C]	NA
Ca_Desi_Chrr_3_1142320	Ca_desi_chrr03	1142320	[T/G]	NA
Ca_Desi_Chrr_3_1147159	Ca_desi_chrr03	1147159	[A/T]	NA
Ca_Desi_Chrr_3_1147168	Ca_desi_chrr03	1147168	[A/G]	NA
Ca_Desi_Chrr_3_1147179	Ca_desi_chrr03	1147179	[A/G]	NA
Ca_Desi_Chrr_3_1147185	Ca_desi_chrr03	1147185	[T/C]	NA
Ca_Desi_Chrr_3_1147188	Ca_desi_chrr03	1147188	[A/G]	NA
Ca_Desi_Chrr_3_1147191	Ca_desi_chrr03	1147191	[A/G]	NA
Ca_Desi_Chrr_3_1147194	Ca_desi_chrr03	1147194	[T/C]	NA
Ca_Desi_Chrr_3_1147210	Ca_desi_chrr03	1147210	[T/C]	NA
Ca_Desi_Chrr_3_1147213	Ca_desi_chrr03	1147213	[A/C]	NA
Ca_Desi_Chrr_3_1147216	Ca_desi_chrr03	1147216	[T/C]	NA
Ca_Desi_Chrr_3_1147219	Ca_desi_chrr03	1147219	[T/C]	NA
Ca_Desi_Chrr_3_1298323	Ca_desi_chrr03	1298323	[A/C]	NA
Ca_Desi_Chrr_3_1298325	Ca_desi_chrr03	1298325	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_1298346	Ca_desi_chr03	1298346	[A/G]	NA
Ca_Desi_Chrom_3_1298497	Ca_desi_chr03	1298497	[C/T]	NA
Ca_Desi_Chrom_3_1298524	Ca_desi_chr03	1298524	[G/A]	NA
Ca_Desi_Chrom_3_1322765	Ca_desi_chr03	1322765	[T/G]	NA
Ca_Desi_Chrom_3_1351568	Ca_desi_chr03	1351568	[C/A]	NA
Ca_Desi_Chrom_3_1351569	Ca_desi_chr03	1351569	[C/G]	NA
Ca_Desi_Chrom_3_1351570	Ca_desi_chr03	1351570	[T/A]	NA
Ca_Desi_Chrom_3_1351571	Ca_desi_chr03	1351571	[A/T]	NA
Ca_Desi_Chrom_3_1404591	Ca_desi_chr03	1404591	[T/G]	NA
Ca_Desi_Chrom_3_1404643	Ca_desi_chr03	1404643	[A/G]	NA
Ca_Desi_Chrom_3_1415294	Ca_desi_chr03	1415294	[T/G]	NA
Ca_Desi_Chrom_3_1415304	Ca_desi_chr03	1415304	[T/G]	NA
Ca_Desi_Chrom_3_1416895	Ca_desi_chr03	1416895	[A/T]	NA
Ca_Desi_Chrom_3_1416904	Ca_desi_chr03	1416904	[A/T]	NA
Ca_Desi_Chrom_3_1416907	Ca_desi_chr03	1416907	[T/C]	NA
Ca_Desi_Chrom_3_1416913	Ca_desi_chr03	1416913	[A/G]	NA
Ca_Desi_Chrom_3_1416922	Ca_desi_chr03	1416922	[A/G]	NA
Ca_Desi_Chrom_3_1416925	Ca_desi_chr03	1416925	[C/T]	NA
Ca_Desi_Chrom_3_1416929	Ca_desi_chr03	1416929	[A/G]	NA
Ca_Desi_Chrom_3_1416934	Ca_desi_chr03	1416934	[T/C]	NA
Ca_Desi_Chrom_3_1416939	Ca_desi_chr03	1416939	[T/C]	NA
Ca_Desi_Chrom_3_1416940	Ca_desi_chr03	1416940	[G/A]	NA
Ca_Desi_Chrom_3_1416942	Ca_desi_chr03	1416942	[T/A]	NA
Ca_Desi_Chrom_3_1416943	Ca_desi_chr03	1416943	[A/G]	NA
Ca_Desi_Chrom_3_1416947	Ca_desi_chr03	1416947	[T/C]	NA
Ca_Desi_Chrom_3_1416949	Ca_desi_chr03	1416949	[A/G]	NA
Ca_Desi_Chrom_3_1416951	Ca_desi_chr03	1416951	[T/C]	NA
Ca_Desi_Chrom_3_1416960	Ca_desi_chr03	1416960	[T/C]	NA
Ca_Desi_Chrom_3_1417037	Ca_desi_chr03	1417037	[A/T]	NA
Ca_Desi_Chrom_3_1427049	Ca_desi_chr03	1427049	[T/G]	NA
Ca_Desi_Chrom_3_1463002	Ca_desi_chr03	1463002	[A/G]	NA
Ca_Desi_Chrom_3_1471389	Ca_desi_chr03	1471389	[T/G]	NA
Ca_Desi_Chrom_3_1471416	Ca_desi_chr03	1471416	[A/G]	NA
Ca_Desi_Chrom_3_1471436	Ca_desi_chr03	1471436	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_1532210	Ca_desi_chr03	1532210	[T/G]	NA
Ca_Desi_Chrom_3_1532213	Ca_desi_chr03	1532213	[T/G]	NA
Ca_Desi_Chrom_3_1532309	Ca_desi_chr03	1532309	[A/C]	NA
Ca_Desi_Chrom_3_1533752	Ca_desi_chr03	1533752	[T/C]	NA
Ca_Desi_Chrom_3_1533802	Ca_desi_chr03	1533802	[T/C]	NA
Ca_Desi_Chrom_3_1533815	Ca_desi_chr03	1533815	[A/C]	NA
Ca_Desi_Chrom_3_1533817	Ca_desi_chr03	1533817	[T/C]	NA
Ca_Desi_Chrom_3_1533828	Ca_desi_chr03	1533828	[A/G]	NA
Ca_Desi_Chrom_3_1533889	Ca_desi_chr03	1533889	[T/A]	NA
Ca_Desi_Chrom_3_1533903	Ca_desi_chr03	1533903	[T/G]	NA
Ca_Desi_Chrom_3_1536599	Ca_desi_chr03	1536599	[T/C]	NA
Ca_Desi_Chrom_3_1536637	Ca_desi_chr03	1536637	[A/G]	NA
Ca_Desi_Chrom_3_1536728	Ca_desi_chr03	1536728	[T/C]	NA
Ca_Desi_Chrom_3_1536741	Ca_desi_chr03	1536741	[T/G]	NA
Ca_Desi_Chrom_3_1554451	Ca_desi_chr03	1554451	[T/C]	NA
Ca_Desi_Chrom_3_1619028	Ca_desi_chr03	1619028	[T/A]	NA
Ca_Desi_Chrom_3_1633019	Ca_desi_chr03	1633019	[T/C]	NA
Ca_Desi_Chrom_3_1633071	Ca_desi_chr03	1633071	[T/C]	NA
Ca_Desi_Chrom_3_1642870	Ca_desi_chr03	1642870	[A/C]	NA
Ca_Desi_Chrom_3_1666335	Ca_desi_chr03	1666335	[T/C]	NA
Ca_Desi_Chrom_3_1666355	Ca_desi_chr03	1666355	[T/C]	NA
Ca_Desi_Chrom_3_1667608	Ca_desi_chr03	1667608	[A/C]	NA
Ca_Desi_Chrom_3_1686916	Ca_desi_chr03	1686916	[T/G]	NA
Ca_Desi_Chrom_3_1687065	Ca_desi_chr03	1687065	[T/G]	NA
Ca_Desi_Chrom_3_1690793	Ca_desi_chr03	1690793	[A/C]	NA
Ca_Desi_Chrom_3_1690825	Ca_desi_chr03	1690825	[T/C]	NA
Ca_Desi_Chrom_3_1701505	Ca_desi_chr03	1701505	[T/G]	NA
Ca_Desi_Chrom_3_1701592	Ca_desi_chr03	1701592	[A/G]	NA
Ca_Desi_Chrom_3_1705565	Ca_desi_chr03	1705565	[T/G]	NA
Ca_Desi_Chrom_3_1922630	Ca_desi_chr03	1922630	[A/C]	NA
Ca_Desi_Chrom_3_1923782	Ca_desi_chr03	1923782	[A/G]	NA
Ca_Desi_Chrom_3_1923788	Ca_desi_chr03	1923788	[T/C]	NA
Ca_Desi_Chrom_3_1923792	Ca_desi_chr03	1923792	[A/G]	NA
Ca_Desi_Chrom_3_1923795	Ca_desi_chr03	1923795	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_1923802	Ca_desi_chr03	1923802	[A/C]	NA
Ca_Desi_Chrom_3_1923804	Ca_desi_chr03	1923804	[A/G]	NA
Ca_Desi_Chrom_3_1923832	Ca_desi_chr03	1923832	[T/C]	NA
Ca_Desi_Chrom_3_1923842	Ca_desi_chr03	1923842	[T/C]	NA
Ca_Desi_Chrom_3_2672487	Ca_desi_chr03	2672487	[A/C]	NA
Ca_Desi_Chrom_3_2672507	Ca_desi_chr03	2672507	[T/C]	NA
Ca_Desi_Chrom_3_2672511	Ca_desi_chr03	2672511	[T/C]	NA
Ca_Desi_Chrom_3_2674392	Ca_desi_chr03	2674392	[A/G]	NA
Ca_Desi_Chrom_3_2674393	Ca_desi_chr03	2674393	[G/A]	NA
Ca_Desi_Chrom_3_2679441	Ca_desi_chr03	2679441	[A/C]	NA
Ca_Desi_Chrom_3_2679446	Ca_desi_chr03	2679446	[T/C]	NA
Ca_Desi_Chrom_3_2679455	Ca_desi_chr03	2679455	[A/G]	NA
Ca_Desi_Chrom_3_2679464	Ca_desi_chr03	2679464	[T/C]	NA
Ca_Desi_Chrom_3_2679467	Ca_desi_chr03	2679467	[T/C]	NA
Ca_Desi_Chrom_3_2679475	Ca_desi_chr03	2679475	[T/G]	NA
Ca_Desi_Chrom_3_2693543	Ca_desi_chr03	2693543	[T/G]	NA
Ca_Desi_Chrom_3_2698420	Ca_desi_chr03	2698420	[T/C]	NA
Ca_Desi_Chrom_3_2698433	Ca_desi_chr03	2698433	[A/G]	NA
Ca_Desi_Chrom_3_2700887	Ca_desi_chr03	2700887	[T/C]	NA
Ca_Desi_Chrom_3_2716534	Ca_desi_chr03	2716534	[T/G]	NA
Ca_Desi_Chrom_3_2716539	Ca_desi_chr03	2716539	[T/G]	NA
Ca_Desi_Chrom_3_2725582	Ca_desi_chr03	2725582	[T/G]	NA
Ca_Desi_Chrom_3_2725700	Ca_desi_chr03	2725700	[A/C]	NA
Ca_Desi_Chrom_3_2725715	Ca_desi_chr03	2725715	[T/G]	NA
Ca_Desi_Chrom_3_2729419	Ca_desi_chr03	2729419	[T/C]	NA
Ca_Desi_Chrom_3_2729454	Ca_desi_chr03	2729454	[A/G]	NA
Ca_Desi_Chrom_3_2729462	Ca_desi_chr03	2729462	[T/A]	NA
Ca_Desi_Chrom_3_2729464	Ca_desi_chr03	2729464	[T/A]	NA
Ca_Desi_Chrom_3_2758003	Ca_desi_chr03	2758003	[C/A]	NA
Ca_Desi_Chrom_3_2758011	Ca_desi_chr03	2758011	[T/G]	NA
Ca_Desi_Chrom_3_2787341	Ca_desi_chr03	2787341	[A/G]	NA
Ca_Desi_Chrom_3_2787348	Ca_desi_chr03	2787348	[T/C]	NA
Ca_Desi_Chrom_3_2787364	Ca_desi_chr03	2787364	[A/G]	NA
Ca_Desi_Chrom_3_2787382	Ca_desi_chr03	2787382	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_2787384	Ca_desi_chr03	2787384	[A/G]	NA
Ca_Desi_Chrom_3_2787386	Ca_desi_chr03	2787386	[A/G]	NA
Ca_Desi_Chrom_3_2787402	Ca_desi_chr03	2787402	[T/C]	NA
Ca_Desi_Chrom_3_2787477	Ca_desi_chr03	2787477	[T/G]	NA
Ca_Desi_Chrom_3_2791740	Ca_desi_chr03	2791740	[T/C]	NA
Ca_Desi_Chrom_3_2796304	Ca_desi_chr03	2796304	[A/G]	NA
Ca_Desi_Chrom_3_2803734	Ca_desi_chr03	2803734	[T/C]	NA
Ca_Desi_Chrom_3_2803750	Ca_desi_chr03	2803750	[A/G]	NA
Ca_Desi_Chrom_3_2803764	Ca_desi_chr03	2803764	[A/C]	NA
Ca_Desi_Chrom_3_2803768	Ca_desi_chr03	2803768	[T/G]	NA
Ca_Desi_Chrom_3_2812004	Ca_desi_chr03	2812004	[A/G]	NA
Ca_Desi_Chrom_3_2842049	Ca_desi_chr03	2842049	[T/A]	NA
Ca_Desi_Chrom_3_2915510	Ca_desi_chr03	2915510	[C/T]	NA
Ca_Desi_Chrom_3_2920357	Ca_desi_chr03	2920357	[A/T]	NA
Ca_Desi_Chrom_3_2920360	Ca_desi_chr03	2920360	[C/A]	NA
Ca_Desi_Chrom_3_2920363	Ca_desi_chr03	2920363	[A/C]	NA
Ca_Desi_Chrom_3_2920376	Ca_desi_chr03	2920376	[G/A]	NA
Ca_Desi_Chrom_3_2940815	Ca_desi_chr03	2940815	[A/C]	NA
Ca_Desi_Chrom_3_2940824	Ca_desi_chr03	2940824	[A/G]	NA
Ca_Desi_Chrom_3_2952449	Ca_desi_chr03	2952449	[T/A]	NA
Ca_Desi_Chrom_3_2952484	Ca_desi_chr03	2952484	[G/A]	NA
Ca_Desi_Chrom_3_2952498	Ca_desi_chr03	2952498	[A/T]	NA
Ca_Desi_Chrom_3_2953042	Ca_desi_chr03	2953042	[T/C]	NA
Ca_Desi_Chrom_3_2953045	Ca_desi_chr03	2953045	[A/C]	NA
Ca_Desi_Chrom_3_2972597	Ca_desi_chr03	2972597	[A/G]	NA
Ca_Desi_Chrom_3_3002455	Ca_desi_chr03	3002455	[A/C]	NA
Ca_Desi_Chrom_3_3112966	Ca_desi_chr03	3112966	[A/G]	NA
Ca_Desi_Chrom_3_3130747	Ca_desi_chr03	3130747	[A/T]	NA
Ca_Desi_Chrom_3_3130769	Ca_desi_chr03	3130769	[A/C]	NA
Ca_Desi_Chrom_3_3130786	Ca_desi_chr03	3130786	[T/G]	NA
Ca_Desi_Chrom_3_3187922	Ca_desi_chr03	3187922	[T/C]	NA
Ca_Desi_Chrom_3_3209764	Ca_desi_chr03	3209764	[T/C]	NA
Ca_Desi_Chrom_3_3209766	Ca_desi_chr03	3209766	[A/G]	NA
Ca_Desi_Chrom_3_3212024	Ca_desi_chr03	3212024	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_3212040	Ca_desi_chr03	3212040	[A/G]	NA
Ca_Desi_Chrom_3_3224426	Ca_desi_chr03	3224426	[A/G]	NA
Ca_Desi_Chrom_3_3224434	Ca_desi_chr03	3224434	[A/T]	NA
Ca_Desi_Chrom_3_3224437	Ca_desi_chr03	3224437	[A/C]	NA
Ca_Desi_Chrom_3_3224442	Ca_desi_chr03	3224442	[T/G]	NA
Ca_Desi_Chrom_3_3224451	Ca_desi_chr03	3224451	[T/C]	NA
Ca_Desi_Chrom_3_3224452	Ca_desi_chr03	3224452	[C/T]	NA
Ca_Desi_Chrom_3_3224453	Ca_desi_chr03	3224453	[T/C]	NA
Ca_Desi_Chrom_3_3224457	Ca_desi_chr03	3224457	[C/T]	NA
Ca_Desi_Chrom_3_3224459	Ca_desi_chr03	3224459	[T/C]	NA
Ca_Desi_Chrom_3_3224466	Ca_desi_chr03	3224466	[T/G]	NA
Ca_Desi_Chrom_3_3224480	Ca_desi_chr03	3224480	[T/C]	NA
Ca_Desi_Chrom_3_3255048	Ca_desi_chr03	3255048	[T/G]	NA
Ca_Desi_Chrom_3_3259228	Ca_desi_chr03	3259228	[A/G]	NA
Ca_Desi_Chrom_3_3259256	Ca_desi_chr03	3259256	[C/T]	NA
Ca_Desi_Chrom_3_3259263	Ca_desi_chr03	3259263	[A/G]	NA
Ca_Desi_Chrom_3_3259274	Ca_desi_chr03	3259274	[A/G]	NA
Ca_Desi_Chrom_3_3259276	Ca_desi_chr03	3259276	[T/C]	NA
Ca_Desi_Chrom_3_3267977	Ca_desi_chr03	3267977	[T/G]	NA
Ca_Desi_Chrom_3_3270139	Ca_desi_chr03	3270139	[T/C]	NA
Ca_Desi_Chrom_3_3296028	Ca_desi_chr03	3296028	[A/G]	NA
Ca_Desi_Chrom_3_3296055	Ca_desi_chr03	3296055	[T/G]	NA
Ca_Desi_Chrom_3_3296064	Ca_desi_chr03	3296064	[A/G]	NA
Ca_Desi_Chrom_3_3318519	Ca_desi_chr03	3318519	[T/C]	NA
Ca_Desi_Chrom_3_3339758	Ca_desi_chr03	3339758	[T/G]	NA
Ca_Desi_Chrom_3_3404161	Ca_desi_chr03	3404161	[T/G]	NA
Ca_Desi_Chrom_3_3427232	Ca_desi_chr03	3427232	[T/C]	NA
Ca_Desi_Chrom_3_3427257	Ca_desi_chr03	3427257	[T/C]	NA
Ca_Desi_Chrom_3_3427275	Ca_desi_chr03	3427275	[T/C]	NA
Ca_Desi_Chrom_3_3478951	Ca_desi_chr03	3478951	[T/C]	NA
Ca_Desi_Chrom_3_3493826	Ca_desi_chr03	3493826	[C/T]	NA
Ca_Desi_Chrom_3_3493840	Ca_desi_chr03	3493840	[G/C]	NA
Ca_Desi_Chrom_3_3495485	Ca_desi_chr03	3495485	[A/C]	NA
Ca_Desi_Chrom_3_3495509	Ca_desi_chr03	3495509	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_3495521	Ca_desi_chr03	3495521	[A/C]	NA
Ca_Desi_Chrom_3_3495585	Ca_desi_chr03	3495585	[A/C]	NA
Ca_Desi_Chrom_3_3495610	Ca_desi_chr03	3495610	[A/C]	NA
Ca_Desi_Chrom_3_3500165	Ca_desi_chr03	3500165	[T/A]	NA
Ca_Desi_Chrom_3_3504436	Ca_desi_chr03	3504436	[A/G]	NA
Ca_Desi_Chrom_3_3509590	Ca_desi_chr03	3509590	[C/G]	NA
Ca_Desi_Chrom_3_3509602	Ca_desi_chr03	3509602	[G/T]	NA
Ca_Desi_Chrom_3_3509612	Ca_desi_chr03	3509612	[T/A]	NA
Ca_Desi_Chrom_3_3509623	Ca_desi_chr03	3509623	[T/C]	NA
Ca_Desi_Chrom_3_3512869	Ca_desi_chr03	3512869	[A/G]	NA
Ca_Desi_Chrom_3_3514344	Ca_desi_chr03	3514344	[A/C]	NA
Ca_Desi_Chrom_3_3518795	Ca_desi_chr03	3518795	[G/C]	NA
Ca_Desi_Chrom_3_3519589	Ca_desi_chr03	3519589	[T/C]	NA
Ca_Desi_Chrom_3_3522928	Ca_desi_chr03	3522928	[C/A]	NA
Ca_Desi_Chrom_3_3523403	Ca_desi_chr03	3523403	[T/C]	NA
Ca_Desi_Chrom_3_3524914	Ca_desi_chr03	3524914	[A/G]	NA
Ca_Desi_Chrom_3_3538547	Ca_desi_chr03	3538547	[C/A]	NA
Ca_Desi_Chrom_3_3540716	Ca_desi_chr03	3540716	[T/C]	NA
Ca_Desi_Chrom_3_3540720	Ca_desi_chr03	3540720	[A/G]	NA
Ca_Desi_Chrom_3_3540727	Ca_desi_chr03	3540727	[A/G]	NA
Ca_Desi_Chrom_3_3540732	Ca_desi_chr03	3540732	[T/G]	NA
Ca_Desi_Chrom_3_3540734	Ca_desi_chr03	3540734	[T/G]	NA
Ca_Desi_Chrom_3_3540737	Ca_desi_chr03	3540737	[T/C]	NA
Ca_Desi_Chrom_3_3540746	Ca_desi_chr03	3540746	[A/G]	NA
Ca_Desi_Chrom_3_3552607	Ca_desi_chr03	3552607	[A/C]	NA
Ca_Desi_Chrom_3_3567286	Ca_desi_chr03	3567286	[T/G]	NA
Ca_Desi_Chrom_3_3567287	Ca_desi_chr03	3567287	[T/G]	NA
Ca_Desi_Chrom_3_3567288	Ca_desi_chr03	3567288	[T/A]	NA
Ca_Desi_Chrom_3_3567289	Ca_desi_chr03	3567289	[T/G]	NA
Ca_Desi_Chrom_3_3567295	Ca_desi_chr03	3567295	[T/C]	NA
Ca_Desi_Chrom_3_3567444	Ca_desi_chr03	3567444	[C/T]	NA
Ca_Desi_Chrom_3_3576516	Ca_desi_chr03	3576516	[C/T]	NA
Ca_Desi_Chrom_3_3576517	Ca_desi_chr03	3576517	[T/C]	NA
Ca_Desi_Chrom_3_3576686	Ca_desi_chr03	3576686	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_3579279	Ca_desi_chr03	3579279	[A/T]	NA
Ca_Desi_Chrom_3_3580883	Ca_desi_chr03	3580883	[C/T]	NA
Ca_Desi_Chrom_3_3581298	Ca_desi_chr03	3581298	[G/A]	NA
Ca_Desi_Chrom_3_3581299	Ca_desi_chr03	3581299	[A/C]	NA
Ca_Desi_Chrom_3_3582913	Ca_desi_chr03	3582913	[T/C]	NA
Ca_Desi_Chrom_3_3582918	Ca_desi_chr03	3582918	[T/G]	NA
Ca_Desi_Chrom_3_3582950	Ca_desi_chr03	3582950	[T/G]	NA
Ca_Desi_Chrom_3_3590707	Ca_desi_chr03	3590707	[C/T]	NA
Ca_Desi_Chrom_3_3593776	Ca_desi_chr03	3593776	[A/G]	NA
Ca_Desi_Chrom_3_3609578	Ca_desi_chr03	3609578	[T/C]	NA
Ca_Desi_Chrom_3_3612217	Ca_desi_chr03	3612217	[T/C]	NA
Ca_Desi_Chrom_3_3631276	Ca_desi_chr03	3631276	[C/T]	NA
Ca_Desi_Chrom_3_3631358	Ca_desi_chr03	3631358	[A/C]	NA
Ca_Desi_Chrom_3_3631402	Ca_desi_chr03	3631402	[A/G]	NA
Ca_Desi_Chrom_3_3632461	Ca_desi_chr03	3632461	[T/A]	NA
Ca_Desi_Chrom_3_3632483	Ca_desi_chr03	3632483	[T/C]	NA
Ca_Desi_Chrom_3_3633582	Ca_desi_chr03	3633582	[A/G]	NA
Ca_Desi_Chrom_3_3633583	Ca_desi_chr03	3633583	[T/G]	NA
Ca_Desi_Chrom_3_3635915	Ca_desi_chr03	3635915	[A/G]	NA
Ca_Desi_Chrom_3_3635965	Ca_desi_chr03	3635965	[T/C]	NA
Ca_Desi_Chrom_3_3635966	Ca_desi_chr03	3635966	[A/C]	NA
Ca_Desi_Chrom_3_3635967	Ca_desi_chr03	3635967	[G/A]	NA
Ca_Desi_Chrom_3_3636468	Ca_desi_chr03	3636468	[C/A]	NA
Ca_Desi_Chrom_3_3680723	Ca_desi_chr03	3680723	[T/G]	NA
Ca_Desi_Chrom_3_3680780	Ca_desi_chr03	3680780	[A/C]	NA
Ca_Desi_Chrom_3_3680792	Ca_desi_chr03	3680792	[A/C]	NA
Ca_Desi_Chrom_3_3773958	Ca_desi_chr03	3773958	[A/C]	NA
Ca_Desi_Chrom_3_3773990	Ca_desi_chr03	3773990	[A/C]	NA
Ca_Desi_Chrom_3_3790820	Ca_desi_chr03	3790820	[A/G]	NA
Ca_Desi_Chrom_3_3794394	Ca_desi_chr03	3794394	[T/C]	NA
Ca_Desi_Chrom_3_3794401	Ca_desi_chr03	3794401	[G/C]	NA
Ca_Desi_Chrom_3_3794410	Ca_desi_chr03	3794410	[T/C]	NA
Ca_Desi_Chrom_3_3794414	Ca_desi_chr03	3794414	[T/C]	NA
Ca_Desi_Chrom_3_3794446	Ca_desi_chr03	3794446	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_3818254	Ca_desi_chr03	3818254	[A/C]	NA
Ca_Desi_Chrom_3_3818304	Ca_desi_chr03	3818304	[T/A]	NA
Ca_Desi_Chrom_3_3818414	Ca_desi_chr03	3818414	[T/C]	NA
Ca_Desi_Chrom_3_3818437	Ca_desi_chr03	3818437	[A/G]	NA
Ca_Desi_Chrom_3_3818447	Ca_desi_chr03	3818447	[T/G]	NA
Ca_Desi_Chrom_3_3860402	Ca_desi_chr03	3860402	[T/C]	NA
Ca_Desi_Chrom_3_3860697	Ca_desi_chr03	3860697	[A/C]	NA
Ca_Desi_Chrom_3_3860703	Ca_desi_chr03	3860703	[A/C]	NA
Ca_Desi_Chrom_3_3884552	Ca_desi_chr03	3884552	[T/C]	NA
Ca_Desi_Chrom_3_3884585	Ca_desi_chr03	3884585	[T/G]	NA
Ca_Desi_Chrom_3_3891391	Ca_desi_chr03	3891391	[T/C]	NA
Ca_Desi_Chrom_3_3891433	Ca_desi_chr03	3891433	[A/G]	NA
Ca_Desi_Chrom_3_3891482	Ca_desi_chr03	3891482	[T/G]	NA
Ca_Desi_Chrom_3_3946457	Ca_desi_chr03	3946457	[G/T]	NA
Ca_Desi_Chrom_3_3946535	Ca_desi_chr03	3946535	[T/C]	NA
Ca_Desi_Chrom_3_3967388	Ca_desi_chr03	3967388	[A/G]	NA
Ca_Desi_Chrom_3_3973381	Ca_desi_chr03	3973381	[G/A]	NA
Ca_Desi_Chrom_3_3978527	Ca_desi_chr03	3978527	[G/C]	NA
Ca_Desi_Chrom_3_4003568	Ca_desi_chr03	4003568	[C/A]	NA
Ca_Desi_Chrom_3_4004966	Ca_desi_chr03	4004966	[G/C]	NA
Ca_Desi_Chrom_3_4004974	Ca_desi_chr03	4004974	[T/A]	NA
Ca_Desi_Chrom_3_4004986	Ca_desi_chr03	4004986	[G/A]	NA
Ca_Desi_Chrom_3_4007763	Ca_desi_chr03	4007763	[T/C]	NA
Ca_Desi_Chrom_3_4016065	Ca_desi_chr03	4016065	[A/C]	NA
Ca_Desi_Chrom_3_4016154	Ca_desi_chr03	4016154	[T/C]	NA
Ca_Desi_Chrom_3_4016157	Ca_desi_chr03	4016157	[A/C]	NA
Ca_Desi_Chrom_3_4016158	Ca_desi_chr03	4016158	[C/G]	NA
Ca_Desi_Chrom_3_4016163	Ca_desi_chr03	4016163	[A/C]	NA
Ca_Desi_Chrom_3_4016170	Ca_desi_chr03	4016170	[T/C]	NA
Ca_Desi_Chrom_3_4016171	Ca_desi_chr03	4016171	[C/T]	NA
Ca_Desi_Chrom_3_4016176	Ca_desi_chr03	4016176	[A/C]	NA
Ca_Desi_Chrom_3_4016179	Ca_desi_chr03	4016179	[T/C]	NA
Ca_Desi_Chrom_3_4016181	Ca_desi_chr03	4016181	[A/C]	NA
Ca_Desi_Chrom_3_4016186	Ca_desi_chr03	4016186	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_4019445	Ca_desi_chr03	4019445	[G/T]	NA
Ca_Desi_Chrom_3_4019505	Ca_desi_chr03	4019505	[C/T]	NA
Ca_Desi_Chrom_3_4029005	Ca_desi_chr03	4029005	[T/G]	NA
Ca_Desi_Chrom_3_4029036	Ca_desi_chr03	4029036	[A/C]	NA
Ca_Desi_Chrom_3_4034617	Ca_desi_chr03	4034617	[T/G]	NA
Ca_Desi_Chrom_3_4034689	Ca_desi_chr03	4034689	[C/T]	NA
Ca_Desi_Chrom_3_4038954	Ca_desi_chr03	4038954	[C/G]	NA
Ca_Desi_Chrom_3_4039042	Ca_desi_chr03	4039042	[G/A]	NA
Ca_Desi_Chrom_3_4040430	Ca_desi_chr03	4040430	[A/G]	NA
Ca_Desi_Chrom_3_4053024	Ca_desi_chr03	4053024	[A/G]	NA
Ca_Desi_Chrom_3_4053071	Ca_desi_chr03	4053071	[A/C]	NA
Ca_Desi_Chrom_3_4053086	Ca_desi_chr03	4053086	[G/T]	NA
Ca_Desi_Chrom_3_4086443	Ca_desi_chr03	4086443	[C/T]	NA
Ca_Desi_Chrom_3_4086479	Ca_desi_chr03	4086479	[T/C]	NA
Ca_Desi_Chrom_3_4100562	Ca_desi_chr03	4100562	[A/G]	NA
Ca_Desi_Chrom_3_4100572	Ca_desi_chr03	4100572	[T/C]	NA
Ca_Desi_Chrom_3_4100597	Ca_desi_chr03	4100597	[T/C]	NA
Ca_Desi_Chrom_3_4100603	Ca_desi_chr03	4100603	[A/G]	NA
Ca_Desi_Chrom_3_4100616	Ca_desi_chr03	4100616	[T/G]	NA
Ca_Desi_Chrom_3_4100725	Ca_desi_chr03	4100725	[T/A]	NA
Ca_Desi_Chrom_3_4100741	Ca_desi_chr03	4100741	[A/G]	NA
Ca_Desi_Chrom_3_4100757	Ca_desi_chr03	4100757	[G/T]	NA
Ca_Desi_Chrom_3_4118888	Ca_desi_chr03	4118888	[A/G]	NA
Ca_Desi_Chrom_3_4146675	Ca_desi_chr03	4146675	[A/G]	NA
Ca_Desi_Chrom_3_4162921	Ca_desi_chr03	4162921	[G/C]	NA
Ca_Desi_Chrom_3_4174824	Ca_desi_chr03	4174824	[G/T]	NA
Ca_Desi_Chrom_3_4174837	Ca_desi_chr03	4174837	[G/A]	NA
Ca_Desi_Chrom_3_4174863	Ca_desi_chr03	4174863	[G/A]	NA
Ca_Desi_Chrom_3_4175057	Ca_desi_chr03	4175057	[A/G]	NA
Ca_Desi_Chrom_3_4175066	Ca_desi_chr03	4175066	[T/C]	NA
Ca_Desi_Chrom_3_4175622	Ca_desi_chr03	4175622	[C/A]	NA
Ca_Desi_Chrom_3_4182356	Ca_desi_chr03	4182356	[T/A]	NA
Ca_Desi_Chrom_3_4197023	Ca_desi_chr03	4197023	[T/A]	NA
Ca_Desi_Chrom_3_4197024	Ca_desi_chr03	4197024	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_4197306	Ca_desi_chr03	4197306	[A/G]	NA
Ca_Desi_Chrom_3_4197393	Ca_desi_chr03	4197393	[G/T]	NA
Ca_Desi_Chrom_3_4197395	Ca_desi_chr03	4197395	[T/G]	NA
Ca_Desi_Chrom_3_4197482	Ca_desi_chr03	4197482	[T/A]	NA
Ca_Desi_Chrom_3_4197503	Ca_desi_chr03	4197503	[A/G]	NA
Ca_Desi_Chrom_3_4211443	Ca_desi_chr03	4211443	[A/T]	NA
Ca_Desi_Chrom_3_4211452	Ca_desi_chr03	4211452	[A/G]	NA
Ca_Desi_Chrom_3_4211455	Ca_desi_chr03	4211455	[C/T]	NA
Ca_Desi_Chrom_3_4211456	Ca_desi_chr03	4211456	[T/C]	NA
Ca_Desi_Chrom_3_4211470	Ca_desi_chr03	4211470	[T/C]	NA
Ca_Desi_Chrom_3_4211474	Ca_desi_chr03	4211474	[T/C]	NA
Ca_Desi_Chrom_3_4211476	Ca_desi_chr03	4211476	[T/C]	NA
Ca_Desi_Chrom_3_4211480	Ca_desi_chr03	4211480	[A/G]	NA
Ca_Desi_Chrom_3_4211495	Ca_desi_chr03	4211495	[T/A]	NA
Ca_Desi_Chrom_3_4216738	Ca_desi_chr03	4216738	[T/C]	NA
Ca_Desi_Chrom_3_4229793	Ca_desi_chr03	4229793	[A/G]	NA
Ca_Desi_Chrom_3_4250039	Ca_desi_chr03	4250039	[T/A]	NA
Ca_Desi_Chrom_3_4250042	Ca_desi_chr03	4250042	[T/G]	NA
Ca_Desi_Chrom_3_4250045	Ca_desi_chr03	4250045	[T/G]	NA
Ca_Desi_Chrom_3_4250048	Ca_desi_chr03	4250048	[T/G]	NA
Ca_Desi_Chrom_3_4250059	Ca_desi_chr03	4250059	[A/T]	NA
Ca_Desi_Chrom_3_4250077	Ca_desi_chr03	4250077	[A/G]	NA
Ca_Desi_Chrom_3_4261374	Ca_desi_chr03	4261374	[A/G]	NA
Ca_Desi_Chrom_3_4261482	Ca_desi_chr03	4261482	[T/C]	NA
Ca_Desi_Chrom_3_4300111	Ca_desi_chr03	4300111	[T/C]	NA
Ca_Desi_Chrom_3_4303915	Ca_desi_chr03	4303915	[A/G]	NA
Ca_Desi_Chrom_3_4303961	Ca_desi_chr03	4303961	[T/G]	NA
Ca_Desi_Chrom_3_4330756	Ca_desi_chr03	4330756	[C/T]	NA
Ca_Desi_Chrom_3_4347515	Ca_desi_chr03	4347515	[G/T]	NA
Ca_Desi_Chrom_3_4349644	Ca_desi_chr03	4349644	[G/A]	NA
Ca_Desi_Chrom_3_4356981	Ca_desi_chr03	4356981	[T/C]	NA
Ca_Desi_Chrom_3_4376815	Ca_desi_chr03	4376815	[G/A]	NA
Ca_Desi_Chrom_3_4387022	Ca_desi_chr03	4387022	[G/A]	NA
Ca_Desi_Chrom_3_4387126	Ca_desi_chr03	4387126	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_4401074	Ca_desi_chr03	4401074	[G/A]	NA
Ca_Desi_Chrom_3_4409758	Ca_desi_chr03	4409758	[A/G]	NA
Ca_Desi_Chrom_3_4409776	Ca_desi_chr03	4409776	[T/A]	NA
Ca_Desi_Chrom_3_4409777	Ca_desi_chr03	4409777	[G/A]	NA
Ca_Desi_Chrom_3_4409778	Ca_desi_chr03	4409778	[T/C]	NA
Ca_Desi_Chrom_3_4415709	Ca_desi_chr03	4415709	[C/T]	NA
Ca_Desi_Chrom_3_4431197	Ca_desi_chr03	4431197	[A/T]	NA
Ca_Desi_Chrom_3_4518693	Ca_desi_chr03	4518693	[A/C]	NA
Ca_Desi_Chrom_3_4518697	Ca_desi_chr03	4518697	[A/C]	NA
Ca_Desi_Chrom_3_4518740	Ca_desi_chr03	4518740	[A/G]	NA
Ca_Desi_Chrom_3_4518794	Ca_desi_chr03	4518794	[A/G]	NA
Ca_Desi_Chrom_3_4573017	Ca_desi_chr03	4573017	[T/G]	NA
Ca_Desi_Chrom_3_4581079	Ca_desi_chr03	4581079	[T/G]	NA
Ca_Desi_Chrom_3_4656390	Ca_desi_chr03	4656390	[A/C]	NA
Ca_Desi_Chrom_3_4664841	Ca_desi_chr03	4664841	[T/C]	NA
Ca_Desi_Chrom_3_4664858	Ca_desi_chr03	4664858	[T/G]	NA
Ca_Desi_Chrom_3_4664861	Ca_desi_chr03	4664861	[A/G]	NA
Ca_Desi_Chrom_3_4664863	Ca_desi_chr03	4664863	[T/G]	NA
Ca_Desi_Chrom_3_4664877	Ca_desi_chr03	4664877	[T/C]	NA
Ca_Desi_Chrom_3_4664884	Ca_desi_chr03	4664884	[G/A]	NA
Ca_Desi_Chrom_3_4664895	Ca_desi_chr03	4664895	[A/G]	NA
Ca_Desi_Chrom_3_4664897	Ca_desi_chr03	4664897	[A/G]	NA
Ca_Desi_Chrom_3_4664905	Ca_desi_chr03	4664905	[T/C]	NA
Ca_Desi_Chrom_3_4787268	Ca_desi_chr03	4787268	[T/G]	NA
Ca_Desi_Chrom_3_4787305	Ca_desi_chr03	4787305	[T/C]	NA
Ca_Desi_Chrom_3_4787347	Ca_desi_chr03	4787347	[T/C]	NA
Ca_Desi_Chrom_3_4787351	Ca_desi_chr03	4787351	[A/C]	NA
Ca_Desi_Chrom_3_4788785	Ca_desi_chr03	4788785	[T/C]	NA
Ca_Desi_Chrom_3_4790674	Ca_desi_chr03	4790674	[A/G]	NA
Ca_Desi_Chrom_3_4790712	Ca_desi_chr03	4790712	[T/G]	NA
Ca_Desi_Chrom_3_4801073	Ca_desi_chr03	4801073	[A/C]	NA
Ca_Desi_Chrom_3_4801676	Ca_desi_chr03	4801676	[T/G]	NA
Ca_Desi_Chrom_3_4801690	Ca_desi_chr03	4801690	[T/C]	NA
Ca_Desi_Chrom_3_4850722	Ca_desi_chr03	4850722	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_4850735	Ca_desi_chr03	4850735	[T/G]	NA
Ca_Desi_Chrom_3_4850763	Ca_desi_chr03	4850763	[T/A]	NA
Ca_Desi_Chrom_3_4850764	Ca_desi_chr03	4850764	[A/G]	NA
Ca_Desi_Chrom_3_4850767	Ca_desi_chr03	4850767	[A/G]	NA
Ca_Desi_Chrom_3_4850770	Ca_desi_chr03	4850770	[T/C]	NA
Ca_Desi_Chrom_3_5804656	Ca_desi_chr03	5804656	[A/G]	NA
Ca_Desi_Chrom_3_5804673	Ca_desi_chr03	5804673	[T/C]	NA
Ca_Desi_Chrom_3_5804690	Ca_desi_chr03	5804690	[A/G]	NA
Ca_Desi_Chrom_3_5804696	Ca_desi_chr03	5804696	[A/C]	NA
Ca_Desi_Chrom_3_5804704	Ca_desi_chr03	5804704	[T/C]	NA
Ca_Desi_Chrom_3_5804708	Ca_desi_chr03	5804708	[A/C]	NA
Ca_Desi_Chrom_3_5804745	Ca_desi_chr03	5804745	[C/G]	NA
Ca_Desi_Chrom_3_5819987	Ca_desi_chr03	5819987	[T/G]	NA
Ca_Desi_Chrom_3_5820012	Ca_desi_chr03	5820012	[A/C]	NA
Ca_Desi_Chrom_3_5820035	Ca_desi_chr03	5820035	[A/C]	NA
Ca_Desi_Chrom_3_5955064	Ca_desi_chr03	5955064	[A/G]	NA
Ca_Desi_Chrom_3_6011843	Ca_desi_chr03	6011843	[A/G]	NA
Ca_Desi_Chrom_3_6011856	Ca_desi_chr03	6011856	[A/G]	NA
Ca_Desi_Chrom_3_6011861	Ca_desi_chr03	6011861	[T/C]	NA
Ca_Desi_Chrom_3_6012086	Ca_desi_chr03	6012086	[T/G]	NA
Ca_Desi_Chrom_3_6055661	Ca_desi_chr03	6055661	[T/A]	NA
Ca_Desi_Chrom_3_6078517	Ca_desi_chr03	6078517	[T/C]	NA
Ca_Desi_Chrom_3_6078534	Ca_desi_chr03	6078534	[T/C]	NA
Ca_Desi_Chrom_3_6078559	Ca_desi_chr03	6078559	[A/G]	NA
Ca_Desi_Chrom_3_6108989	Ca_desi_chr03	6108989	[A/C]	NA
Ca_Desi_Chrom_3_6120642	Ca_desi_chr03	6120642	[A/G]	NA
Ca_Desi_Chrom_3_6120754	Ca_desi_chr03	6120754	[T/C]	NA
Ca_Desi_Chrom_3_6120883	Ca_desi_chr03	6120883	[T/C]	NA
Ca_Desi_Chrom_3_6120918	Ca_desi_chr03	6120918	[A/G]	NA
Ca_Desi_Chrom_3_6149264	Ca_desi_chr03	6149264	[A/C]	NA
Ca_Desi_Chrom_3_6149274	Ca_desi_chr03	6149274	[A/C]	NA
Ca_Desi_Chrom_3_6149280	Ca_desi_chr03	6149280	[T/C]	NA
Ca_Desi_Chrom_3_6149794	Ca_desi_chr03	6149794	[A/T]	NA
Ca_Desi_Chrom_3_6149808	Ca_desi_chr03	6149808	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_6149814	Ca_desi_chr03	6149814	[T/C]	NA
Ca_Desi_Chrom_3_6149822	Ca_desi_chr03	6149822	[A/C]	NA
Ca_Desi_Chrom_3_6149827	Ca_desi_chr03	6149827	[A/G]	NA
Ca_Desi_Chrom_3_6149832	Ca_desi_chr03	6149832	[A/C]	NA
Ca_Desi_Chrom_3_6149838	Ca_desi_chr03	6149838	[T/C]	NA
Ca_Desi_Chrom_3_6149847	Ca_desi_chr03	6149847	[T/A]	NA
Ca_Desi_Chrom_3_6172170	Ca_desi_chr03	6172170	[G/A]	NA
Ca_Desi_Chrom_3_6172185	Ca_desi_chr03	6172185	[A/G]	NA
Ca_Desi_Chrom_3_6172225	Ca_desi_chr03	6172225	[T/A]	NA
Ca_Desi_Chrom_3_6173806	Ca_desi_chr03	6173806	[T/C]	NA
Ca_Desi_Chrom_3_6173819	Ca_desi_chr03	6173819	[T/G]	NA
Ca_Desi_Chrom_3_6173833	Ca_desi_chr03	6173833	[A/C]	NA
Ca_Desi_Chrom_3_6234271	Ca_desi_chr03	6234271	[T/G]	NA
Ca_Desi_Chrom_3_6234275	Ca_desi_chr03	6234275	[T/G]	NA
Ca_Desi_Chrom_3_6258573	Ca_desi_chr03	6258573	[A/G]	NA
Ca_Desi_Chrom_3_6258596	Ca_desi_chr03	6258596	[T/C]	NA
Ca_Desi_Chrom_3_6295067	Ca_desi_chr03	6295067	[A/C]	NA
Ca_Desi_Chrom_3_6295076	Ca_desi_chr03	6295076	[A/C]	NA
Ca_Desi_Chrom_3_6324004	Ca_desi_chr03	6324004	[T/C]	NA
Ca_Desi_Chrom_3_6324015	Ca_desi_chr03	6324015	[T/G]	NA
Ca_Desi_Chrom_3_6352904	Ca_desi_chr03	6352904	[A/T]	NA
Ca_Desi_Chrom_3_6357520	Ca_desi_chr03	6357520	[A/C]	NA
Ca_Desi_Chrom_3_6357533	Ca_desi_chr03	6357533	[T/C]	NA
Ca_Desi_Chrom_3_6357547	Ca_desi_chr03	6357547	[T/G]	NA
Ca_Desi_Chrom_3_6357559	Ca_desi_chr03	6357559	[T/G]	NA
Ca_Desi_Chrom_3_6390861	Ca_desi_chr03	6390861	[G/A]	NA
Ca_Desi_Chrom_3_6423021	Ca_desi_chr03	6423021	[T/G]	NA
Ca_Desi_Chrom_3_6423031	Ca_desi_chr03	6423031	[G/T]	NA
Ca_Desi_Chrom_3_6423039	Ca_desi_chr03	6423039	[T/C]	NA
Ca_Desi_Chrom_3_6426438	Ca_desi_chr03	6426438	[A/G]	NA
Ca_Desi_Chrom_3_6426450	Ca_desi_chr03	6426450	[T/G]	NA
Ca_Desi_Chrom_3_6426464	Ca_desi_chr03	6426464	[A/C]	NA
Ca_Desi_Chrom_3_6430332	Ca_desi_chr03	6430332	[T/C]	NA
Ca_Desi_Chrom_3_6430353	Ca_desi_chr03	6430353	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_6434304	Ca_desi_chr03	6434304	[G/T]	NA
Ca_Desi_Chrom_3_6434644	Ca_desi_chr03	6434644	[C/T]	NA
Ca_Desi_Chrom_3_6434961	Ca_desi_chr03	6434961	[T/A]	NA
Ca_Desi_Chrom_3_6435004	Ca_desi_chr03	6435004	[T/G]	NA
Ca_Desi_Chrom_3_6435914	Ca_desi_chr03	6435914	[C/A]	NA
Ca_Desi_Chrom_3_6435997	Ca_desi_chr03	6435997	[G/A]	NA
Ca_Desi_Chrom_3_6436024	Ca_desi_chr03	6436024	[A/G]	NA
Ca_Desi_Chrom_3_6436047	Ca_desi_chr03	6436047	[A/G]	NA
Ca_Desi_Chrom_3_6436085	Ca_desi_chr03	6436085	[A/G]	NA
Ca_Desi_Chrom_3_6436108	Ca_desi_chr03	6436108	[C/A]	NA
Ca_Desi_Chrom_3_6449885	Ca_desi_chr03	6449885	[G/T]	NA
Ca_Desi_Chrom_3_6449886	Ca_desi_chr03	6449886	[T/G]	NA
Ca_Desi_Chrom_3_6490965	Ca_desi_chr03	6490965	[T/C]	NA
Ca_Desi_Chrom_3_6499735	Ca_desi_chr03	6499735	[C/A]	NA
Ca_Desi_Chrom_3_6499738	Ca_desi_chr03	6499738	[A/C]	NA
Ca_Desi_Chrom_3_6499775	Ca_desi_chr03	6499775	[A/G]	NA
Ca_Desi_Chrom_3_6531280	Ca_desi_chr03	6531280	[A/C]	NA
Ca_Desi_Chrom_3_6531284	Ca_desi_chr03	6531284	[A/C]	NA
Ca_Desi_Chrom_3_6531306	Ca_desi_chr03	6531306	[A/G]	NA
Ca_Desi_Chrom_3_6539810	Ca_desi_chr03	6539810	[C/T]	NA
Ca_Desi_Chrom_3_6543089	Ca_desi_chr03	6543089	[T/A]	NA
Ca_Desi_Chrom_3_6543102	Ca_desi_chr03	6543102	[G/A]	NA
Ca_Desi_Chrom_3_6543338	Ca_desi_chr03	6543338	[C/A]	NA
Ca_Desi_Chrom_3_6543339	Ca_desi_chr03	6543339	[T/A]	NA
Ca_Desi_Chrom_3_6543340	Ca_desi_chr03	6543340	[A/T]	NA
Ca_Desi_Chrom_3_6543406	Ca_desi_chr03	6543406	[T/C]	NA
Ca_Desi_Chrom_3_6544021	Ca_desi_chr03	6544021	[A/T]	NA
Ca_Desi_Chrom_3_6544048	Ca_desi_chr03	6544048	[T/C]	NA
Ca_Desi_Chrom_3_6544126	Ca_desi_chr03	6544126	[A/G]	NA
Ca_Desi_Chrom_3_6544365	Ca_desi_chr03	6544365	[A/G]	NA
Ca_Desi_Chrom_3_6547078	Ca_desi_chr03	6547078	[C/T]	NA
Ca_Desi_Chrom_3_6547513	Ca_desi_chr03	6547513	[G/A]	NA
Ca_Desi_Chrom_3_6547617	Ca_desi_chr03	6547617	[A/C]	NA
Ca_Desi_Chrom_3_6585721	Ca_desi_chr03	6585721	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_6593404	Ca_desi_chr03	6593404	[A/G]	NA
Ca_Desi_Chrom_3_6593488	Ca_desi_chr03	6593488	[C/T]	NA
Ca_Desi_Chrom_3_6593914	Ca_desi_chr03	6593914	[A/G]	NA
Ca_Desi_Chrom_3_6616912	Ca_desi_chr03	6616912	[A/G]	NA
Ca_Desi_Chrom_3_6635977	Ca_desi_chr03	6635977	[T/C]	NA
Ca_Desi_Chrom_3_6636009	Ca_desi_chr03	6636009	[T/G]	NA
Ca_Desi_Chrom_3_6636054	Ca_desi_chr03	6636054	[A/C]	NA
Ca_Desi_Chrom_3_6641323	Ca_desi_chr03	6641323	[A/G]	NA
Ca_Desi_Chrom_3_6659003	Ca_desi_chr03	6659003	[A/C]	NA
Ca_Desi_Chrom_3_6660661	Ca_desi_chr03	6660661	[A/C]	NA
Ca_Desi_Chrom_3_6660873	Ca_desi_chr03	6660873	[T/C]	NA
Ca_Desi_Chrom_3_6662460	Ca_desi_chr03	6662460	[A/C]	NA
Ca_Desi_Chrom_3_6717275	Ca_desi_chr03	6717275	[T/G]	NA
Ca_Desi_Chrom_3_6720703	Ca_desi_chr03	6720703	[A/C]	NA
Ca_Desi_Chrom_3_6721108	Ca_desi_chr03	6721108	[C/G]	NA
Ca_Desi_Chrom_3_6721110	Ca_desi_chr03	6721110	[C/A]	NA
Ca_Desi_Chrom_3_6721112	Ca_desi_chr03	6721112	[A/C]	NA
Ca_Desi_Chrom_3_6723814	Ca_desi_chr03	6723814	[A/G]	NA
Ca_Desi_Chrom_3_6723839	Ca_desi_chr03	6723839	[G/A]	NA
Ca_Desi_Chrom_3_6723852	Ca_desi_chr03	6723852	[C/G]	NA
Ca_Desi_Chrom_3_6738310	Ca_desi_chr03	6738310	[T/C]	NA
Ca_Desi_Chrom_3_6738325	Ca_desi_chr03	6738325	[T/G]	NA
Ca_Desi_Chrom_3_6738954	Ca_desi_chr03	6738954	[A/G]	NA
Ca_Desi_Chrom_3_6738958	Ca_desi_chr03	6738958	[A/G]	NA
Ca_Desi_Chrom_3_6738968	Ca_desi_chr03	6738968	[T/G]	NA
Ca_Desi_Chrom_3_6738992	Ca_desi_chr03	6738992	[A/G]	NA
Ca_Desi_Chrom_3_6738997	Ca_desi_chr03	6738997	[T/A]	NA
Ca_Desi_Chrom_3_6738999	Ca_desi_chr03	6738999	[T/C]	NA
Ca_Desi_Chrom_3_6748500	Ca_desi_chr03	6748500	[T/C]	NA
Ca_Desi_Chrom_3_6757836	Ca_desi_chr03	6757836	[G/A]	NA
Ca_Desi_Chrom_3_6757904	Ca_desi_chr03	6757904	[A/G]	NA
Ca_Desi_Chrom_3_6758225	Ca_desi_chr03	6758225	[G/A]	NA
Ca_Desi_Chrom_3_6758227	Ca_desi_chr03	6758227	[T/C]	NA
Ca_Desi_Chrom_3_6758332	Ca_desi_chr03	6758332	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_3_6758362	Ca_desig_chr03	6758362	[T/C]	NA
Ca_Desig_Chr_3_6758389	Ca_desig_chr03	6758389	[C/T]	NA
Ca_Desig_Chr_3_6758514	Ca_desig_chr03	6758514	[C/T]	NA
Ca_Desig_Chr_3_6776131	Ca_desig_chr03	6776131	[T/C]	NA
Ca_Desig_Chr_3_6776192	Ca_desig_chr03	6776192	[G/A]	NA
Ca_Desig_Chr_3_6776547	Ca_desig_chr03	6776547	[C/T]	NA
Ca_Desig_Chr_3_6790176	Ca_desig_chr03	6790176	[A/C]	NA
Ca_Desig_Chr_3_6790184	Ca_desig_chr03	6790184	[A/G]	NA
Ca_Desig_Chr_3_6790193	Ca_desig_chr03	6790193	[A/G]	NA
Ca_Desig_Chr_3_6799092	Ca_desig_chr03	6799092	[T/A]	NA
Ca_Desig_Chr_3_6799102	Ca_desig_chr03	6799102	[T/C]	NA
Ca_Desig_Chr_3_6799103	Ca_desig_chr03	6799103	[T/C]	NA
Ca_Desig_Chr_3_6812090	Ca_desig_chr03	6812090	[C/T]	NA
Ca_Desig_Chr_3_6812095	Ca_desig_chr03	6812095	[T/C]	NA
Ca_Desig_Chr_3_6812106	Ca_desig_chr03	6812106	[A/G]	NA
Ca_Desig_Chr_3_6812111	Ca_desig_chr03	6812111	[A/G]	NA
Ca_Desig_Chr_3_6812169	Ca_desig_chr03	6812169	[A/G]	NA
Ca_Desig_Chr_3_6812183	Ca_desig_chr03	6812183	[G/C]	NA
Ca_Desig_Chr_3_6812195	Ca_desig_chr03	6812195	[C/T]	NA
Ca_Desig_Chr_3_6833926	Ca_desig_chr03	6833926	[A/C]	NA
Ca_Desig_Chr_3_6833932	Ca_desig_chr03	6833932	[C/G]	NA
Ca_Desig_Chr_3_6833975	Ca_desig_chr03	6833975	[T/C]	NA
Ca_Desig_Chr_3_6877283	Ca_desig_chr03	6877283	[A/T]	NA
Ca_Desig_Chr_3_6877311	Ca_desig_chr03	6877311	[T/C]	NA
Ca_Desig_Chr_3_6877359	Ca_desig_chr03	6877359	[A/G]	NA
Ca_Desig_Chr_3_6963249	Ca_desig_chr03	6963249	[T/G]	NA
Ca_Desig_Chr_3_6963252	Ca_desig_chr03	6963252	[A/G]	NA
Ca_Desig_Chr_3_7059071	Ca_desig_chr03	7059071	[A/G]	NA
Ca_Desig_Chr_3_7059191	Ca_desig_chr03	7059191	[T/C]	NA
Ca_Desig_Chr_3_7059195	Ca_desig_chr03	7059195	[T/C]	NA
Ca_Desig_Chr_3_7059225	Ca_desig_chr03	7059225	[T/C]	NA
Ca_Desig_Chr_3_7059324	Ca_desig_chr03	7059324	[C/T]	NA
Ca_Desig_Chr_3_7059357	Ca_desig_chr03	7059357	[A/C]	NA
Ca_Desig_Chr_3_7104060	Ca_desig_chr03	7104060	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_7105481	Ca_desi_chr03	7105481	[A/C]	NA
Ca_Desi_Chrom_3_7105495	Ca_desi_chr03	7105495	[A/C]	NA
Ca_Desi_Chrom_3_7105497	Ca_desi_chr03	7105497	[T/C]	NA
Ca_Desi_Chrom_3_7139294	Ca_desi_chr03	7139294	[T/G]	NA
Ca_Desi_Chrom_3_7218323	Ca_desi_chr03	7218323	[T/G]	NA
Ca_Desi_Chrom_3_7221607	Ca_desi_chr03	7221607	[T/C]	NA
Ca_Desi_Chrom_3_7221632	Ca_desi_chr03	7221632	[A/C]	NA
Ca_Desi_Chrom_3_7221635	Ca_desi_chr03	7221635	[G/C]	NA
Ca_Desi_Chrom_3_7221640	Ca_desi_chr03	7221640	[A/C]	NA
Ca_Desi_Chrom_3_7221650	Ca_desi_chr03	7221650	[A/T]	NA
Ca_Desi_Chrom_3_7226963	Ca_desi_chr03	7226963	[A/G]	NA
Ca_Desi_Chrom_3_7226964	Ca_desi_chr03	7226964	[G/T]	NA
Ca_Desi_Chrom_3_7226966	Ca_desi_chr03	7226966	[T/A]	NA
Ca_Desi_Chrom_3_8448964	Ca_desi_chr03	8448964	[T/G]	NA
Ca_Desi_Chrom_3_8454758	Ca_desi_chr03	8454758	[A/C]	NA
Ca_Desi_Chrom_3_8454789	Ca_desi_chr03	8454789	[C/T]	NA
Ca_Desi_Chrom_3_8454791	Ca_desi_chr03	8454791	[C/T]	NA
Ca_Desi_Chrom_3_8456436	Ca_desi_chr03	8456436	[A/C]	NA
Ca_Desi_Chrom_3_8498709	Ca_desi_chr03	8498709	[T/C]	NA
Ca_Desi_Chrom_3_8498710	Ca_desi_chr03	8498710	[C/G]	NA
Ca_Desi_Chrom_3_8498746	Ca_desi_chr03	8498746	[A/G]	NA
Ca_Desi_Chrom_3_8498748	Ca_desi_chr03	8498748	[T/C]	NA
Ca_Desi_Chrom_3_8499543	Ca_desi_chr03	8499543	[T/G]	NA
Ca_Desi_Chrom_3_8499725	Ca_desi_chr03	8499725	[A/G]	NA
Ca_Desi_Chrom_3_8499765	Ca_desi_chr03	8499765	[T/G]	NA
Ca_Desi_Chrom_3_8540832	Ca_desi_chr03	8540832	[T/A]	NA
Ca_Desi_Chrom_3_8556843	Ca_desi_chr03	8556843	[A/T]	NA
Ca_Desi_Chrom_3_8556851	Ca_desi_chr03	8556851	[A/G]	NA
Ca_Desi_Chrom_3_8556866	Ca_desi_chr03	8556866	[C/T]	NA
Ca_Desi_Chrom_3_8556888	Ca_desi_chr03	8556888	[A/T]	NA
Ca_Desi_Chrom_3_8556914	Ca_desi_chr03	8556914	[A/C]	NA
Ca_Desi_Chrom_3_8556941	Ca_desi_chr03	8556941	[A/G]	NA
Ca_Desi_Chrom_3_8576619	Ca_desi_chr03	8576619	[T/G]	NA
Ca_Desi_Chrom_3_8583785	Ca_desi_chr03	8583785	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrr_3_8814644	Ca_desi_chr03	8814644	[A/G]	NA
Ca_Desi_Chrr_3_8824939	Ca_desi_chr03	8824939	[T/C]	NA
Ca_Desi_Chrr_3_8844825	Ca_desi_chr03	8844825	[A/T]	NA
Ca_Desi_Chrr_3_8844832	Ca_desi_chr03	8844832	[G/C]	NA
Ca_Desi_Chrr_3_8844834	Ca_desi_chr03	8844834	[T/G]	NA
Ca_Desi_Chrr_3_8844836	Ca_desi_chr03	8844836	[A/C]	NA
Ca_Desi_Chrr_3_8894544	Ca_desi_chr03	8894544	[G/A]	NA
Ca_Desi_Chrr_3_8894554	Ca_desi_chr03	8894554	[T/C]	NA
Ca_Desi_Chrr_3_8894991	Ca_desi_chr03	8894991	[A/C]	NA
Ca_Desi_Chrr_3_8907485	Ca_desi_chr03	8907485	[A/T]	NA
Ca_Desi_Chrr_3_8974956	Ca_desi_chr03	8974956	[T/G]	NA
Ca_Desi_Chrr_3_9852567	Ca_desi_chr03	9852567	[T/C]	NA
Ca_Desi_Chrr_3_9852588	Ca_desi_chr03	9852588	[G/A]	NA
Ca_Desi_Chrr_3_9852607	Ca_desi_chr03	9852607	[T/G]	NA
Ca_Desi_Chrr_3_9929365	Ca_desi_chr03	9929365	[T/C]	NA
Ca_Desi_Chrr_3_9929366	Ca_desi_chr03	9929366	[T/C]	NA
Ca_Desi_Chrr_3_9932975	Ca_desi_chr03	9932975	[T/G]	NA
Ca_Desi_Chrr_3_9932979	Ca_desi_chr03	9932979	[T/G]	NA
Ca_Desi_Chrr_3_9933051	Ca_desi_chr03	9933051	[A/T]	NA
Ca_Desi_Chrr_3_9933054	Ca_desi_chr03	9933054	[A/G]	NA
Ca_Desi_Chrr_3_9938057	Ca_desi_chr03	9938057	[A/C]	NA
Ca_Desi_Chrr_3_9951202	Ca_desi_chr03	9951202	[A/T]	NA
Ca_Desi_Chrr_3_9951203	Ca_desi_chr03	9951203	[C/T]	NA
Ca_Desi_Chrr_3_9951222	Ca_desi_chr03	9951222	[A/C]	NA
Ca_Desi_Chrr_3_10078354	Ca_desi_chr03	10078354	[A/C]	NA
Ca_Desi_Chrr_3_10078357	Ca_desi_chr03	10078357	[A/C]	NA
Ca_Desi_Chrr_3_10078375	Ca_desi_chr03	10078375	[A/G]	NA
Ca_Desi_Chrr_3_10078392	Ca_desi_chr03	10078392	[A/G]	NA
Ca_Desi_Chrr_3_10157456	Ca_desi_chr03	10157456	[T/A]	NA
Ca_Desi_Chrr_3_10175589	Ca_desi_chr03	10175589	[T/C]	NA
Ca_Desi_Chrr_3_10175600	Ca_desi_chr03	10175600	[A/G]	NA
Ca_Desi_Chrr_3_10175607	Ca_desi_chr03	10175607	[T/G]	NA
Ca_Desi_Chrr_3_10175622	Ca_desi_chr03	10175622	[T/C]	NA
Ca_Desi_Chrr_3_10233609	Ca_desi_chr03	10233609	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_10233610	Ca_desi_chr03	10233610	[T/G]	NA
Ca_Desi_Chrom_3_10233615	Ca_desi_chr03	10233615	[C/A]	NA
Ca_Desi_Chrom_3_10233646	Ca_desi_chr03	10233646	[A/C]	NA
Ca_Desi_Chrom_3_10290850	Ca_desi_chr03	10290850	[A/C]	NA
Ca_Desi_Chrom_3_10308956	Ca_desi_chr03	10308956	[A/C]	NA
Ca_Desi_Chrom_3_10350068	Ca_desi_chr03	10350068	[T/G]	NA
Ca_Desi_Chrom_3_10350155	Ca_desi_chr03	10350155	[A/G]	NA
Ca_Desi_Chrom_3_10387947	Ca_desi_chr03	10387947	[A/C]	NA
Ca_Desi_Chrom_3_10388055	Ca_desi_chr03	10388055	[A/C]	NA
Ca_Desi_Chrom_3_10446502	Ca_desi_chr03	10446502	[T/C]	NA
Ca_Desi_Chrom_3_10446531	Ca_desi_chr03	10446531	[A/G]	NA
Ca_Desi_Chrom_3_10468060	Ca_desi_chr03	10468060	[A/T]	NA
Ca_Desi_Chrom_3_10509349	Ca_desi_chr03	10509349	[A/C]	NA
Ca_Desi_Chrom_3_10509908	Ca_desi_chr03	10509908	[T/G]	NA
Ca_Desi_Chrom_3_10509917	Ca_desi_chr03	10509917	[T/G]	NA
Ca_Desi_Chrom_3_10535686	Ca_desi_chr03	10535686	[T/A]	NA
Ca_Desi_Chrom_3_10535735	Ca_desi_chr03	10535735	[A/C]	NA
Ca_Desi_Chrom_3_10535765	Ca_desi_chr03	10535765	[A/C]	NA
Ca_Desi_Chrom_3_10535777	Ca_desi_chr03	10535777	[A/C]	NA
Ca_Desi_Chrom_3_10598646	Ca_desi_chr03	10598646	[A/T]	NA
Ca_Desi_Chrom_3_10598647	Ca_desi_chr03	10598647	[T/C]	NA
Ca_Desi_Chrom_3_10598648	Ca_desi_chr03	10598648	[C/G]	NA
Ca_Desi_Chrom_3_10598649	Ca_desi_chr03	10598649	[T/G]	NA
Ca_Desi_Chrom_3_10656870	Ca_desi_chr03	10656870	[T/C]	NA
Ca_Desi_Chrom_3_10656878	Ca_desi_chr03	10656878	[T/C]	NA
Ca_Desi_Chrom_3_10676528	Ca_desi_chr03	10676528	[T/A]	NA
Ca_Desi_Chrom_3_10676573	Ca_desi_chr03	10676573	[A/G]	NA
Ca_Desi_Chrom_3_10676579	Ca_desi_chr03	10676579	[A/G]	NA
Ca_Desi_Chrom_3_10811646	Ca_desi_chr03	10811646	[T/G]	NA
Ca_Desi_Chrom_3_10812132	Ca_desi_chr03	10812132	[T/C]	NA
Ca_Desi_Chrom_3_10881091	Ca_desi_chr03	10881091	[A/G]	NA
Ca_Desi_Chrom_3_11018969	Ca_desi_chr03	11018969	[A/G]	NA
Ca_Desi_Chrom_3_11018974	Ca_desi_chr03	11018974	[T/C]	NA
Ca_Desi_Chrom_3_11018981	Ca_desi_chr03	11018981	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_3_11018982	Ca_desig_chr03	11018982	[C/T]	NA
Ca_Desig_Chr_3_11018990	Ca_desig_chr03	11018990	[T/G]	NA
Ca_Desig_Chr_3_11018998	Ca_desig_chr03	11018998	[A/C]	NA
Ca_Desig_Chr_3_11019001	Ca_desig_chr03	11019001	[T/C]	NA
Ca_Desig_Chr_3_11019823	Ca_desig_chr03	11019823	[T/G]	NA
Ca_Desig_Chr_3_11019824	Ca_desig_chr03	11019824	[A/G]	NA
Ca_Desig_Chr_3_11051027	Ca_desig_chr03	11051027	[G/A]	NA
Ca_Desig_Chr_3_11051028	Ca_desig_chr03	11051028	[A/T]	NA
Ca_Desig_Chr_3_11051029	Ca_desig_chr03	11051029	[G/C]	NA
Ca_Desig_Chr_3_11051030	Ca_desig_chr03	11051030	[G/T]	NA
Ca_Desig_Chr_3_11064390	Ca_desig_chr03	11064390	[A/G]	NA
Ca_Desig_Chr_3_11071524	Ca_desig_chr03	11071524	[C/T]	NA
Ca_Desig_Chr_3_11071527	Ca_desig_chr03	11071527	[C/T]	NA
Ca_Desig_Chr_3_11071530	Ca_desig_chr03	11071530	[A/T]	NA
Ca_Desig_Chr_3_11071533	Ca_desig_chr03	11071533	[C/T]	NA
Ca_Desig_Chr_3_11071541	Ca_desig_chr03	11071541	[A/C]	NA
Ca_Desig_Chr_3_11071549	Ca_desig_chr03	11071549	[A/G]	NA
Ca_Desig_Chr_3_11072965	Ca_desig_chr03	11072965	[A/G]	NA
Ca_Desig_Chr_3_11115658	Ca_desig_chr03	11115658	[A/G]	NA
Ca_Desig_Chr_3_11146467	Ca_desig_chr03	11146467	[A/C]	NA
Ca_Desig_Chr_3_11146473	Ca_desig_chr03	11146473	[A/C]	NA
Ca_Desig_Chr_3_11146477	Ca_desig_chr03	11146477	[T/C]	NA
Ca_Desig_Chr_3_11146483	Ca_desig_chr03	11146483	[T/C]	NA
Ca_Desig_Chr_3_11146484	Ca_desig_chr03	11146484	[A/C]	NA
Ca_Desig_Chr_3_11146590	Ca_desig_chr03	11146590	[C/A]	NA
Ca_Desig_Chr_3_11146591	Ca_desig_chr03	11146591	[T/G]	NA
Ca_Desig_Chr_3_11147755	Ca_desig_chr03	11147755	[A/G]	NA
Ca_Desig_Chr_3_11148303	Ca_desig_chr03	11148303	[T/C]	NA
Ca_Desig_Chr_3_11191033	Ca_desig_chr03	11191033	[A/G]	NA
Ca_Desig_Chr_3_11209903	Ca_desig_chr03	11209903	[A/T]	NA
Ca_Desig_Chr_3_11209929	Ca_desig_chr03	11209929	[T/G]	NA
Ca_Desig_Chr_3_11209934	Ca_desig_chr03	11209934	[T/C]	NA
Ca_Desig_Chr_3_11295878	Ca_desig_chr03	11295878	[T/C]	NA
Ca_Desig_Chr_3_11329775	Ca_desig_chr03	11329775	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_11329776	Ca_desi_chr03	11329776	[T/G]	NA
Ca_Desi_Chrom_3_11329777	Ca_desi_chr03	11329777	[C/T]	NA
Ca_Desi_Chrom_3_11329778	Ca_desi_chr03	11329778	[T/G]	NA
Ca_Desi_Chrom_3_11390981	Ca_desi_chr03	11390981	[T/C]	NA
Ca_Desi_Chrom_3_11390985	Ca_desi_chr03	11390985	[A/G]	NA
Ca_Desi_Chrom_3_11391277	Ca_desi_chr03	11391277	[T/G]	NA
Ca_Desi_Chrom_3_11391310	Ca_desi_chr03	11391310	[A/G]	NA
Ca_Desi_Chrom_3_11391311	Ca_desi_chr03	11391311	[A/G]	NA
Ca_Desi_Chrom_3_11391312	Ca_desi_chr03	11391312	[A/G]	NA
Ca_Desi_Chrom_3_11391313	Ca_desi_chr03	11391313	[A/G]	NA
Ca_Desi_Chrom_3_11391314	Ca_desi_chr03	11391314	[A/G]	NA
Ca_Desi_Chrom_3_11391315	Ca_desi_chr03	11391315	[A/G]	NA
Ca_Desi_Chrom_3_11392020	Ca_desi_chr03	11392020	[T/C]	NA
Ca_Desi_Chrom_3_11426559	Ca_desi_chr03	11426559	[T/C]	NA
Ca_Desi_Chrom_3_11427980	Ca_desi_chr03	11427980	[T/G]	NA
Ca_Desi_Chrom_3_11430507	Ca_desi_chr03	11430507	[T/C]	NA
Ca_Desi_Chrom_3_11432250	Ca_desi_chr03	11432250	[C/A]	NA
Ca_Desi_Chrom_3_11432510	Ca_desi_chr03	11432510	[T/C]	NA
Ca_Desi_Chrom_3_11432514	Ca_desi_chr03	11432514	[T/G]	NA
Ca_Desi_Chrom_3_11432519	Ca_desi_chr03	11432519	[T/C]	NA
Ca_Desi_Chrom_3_11432534	Ca_desi_chr03	11432534	[T/C]	NA
Ca_Desi_Chrom_3_11432572	Ca_desi_chr03	11432572	[G/T]	NA
Ca_Desi_Chrom_3_11432577	Ca_desi_chr03	11432577	[A/G]	NA
Ca_Desi_Chrom_3_11434575	Ca_desi_chr03	11434575	[A/C]	NA
Ca_Desi_Chrom_3_11436131	Ca_desi_chr03	11436131	[A/C]	NA
Ca_Desi_Chrom_3_11436133	Ca_desi_chr03	11436133	[A/C]	NA
Ca_Desi_Chrom_3_11436135	Ca_desi_chr03	11436135	[A/G]	NA
Ca_Desi_Chrom_3_11436165	Ca_desi_chr03	11436165	[T/C]	NA
Ca_Desi_Chrom_3_11444578	Ca_desi_chr03	11444578	[T/C]	NA
Ca_Desi_Chrom_3_11444582	Ca_desi_chr03	11444582	[A/C]	NA
Ca_Desi_Chrom_3_11444586	Ca_desi_chr03	11444586	[T/A]	NA
Ca_Desi_Chrom_3_11444596	Ca_desi_chr03	11444596	[A/C]	NA
Ca_Desi_Chrom_3_11444599	Ca_desi_chr03	11444599	[G/C]	NA
Ca_Desi_Chrom_3_11457601	Ca_desi_chr03	11457601	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_11457608	Ca_desi_chr03	11457608	[T/G]	NA
Ca_Desi_Chrom_3_11457620	Ca_desi_chr03	11457620	[T/C]	NA
Ca_Desi_Chrom_3_11457628	Ca_desi_chr03	11457628	[T/C]	NA
Ca_Desi_Chrom_3_11457633	Ca_desi_chr03	11457633	[C/G]	NA
Ca_Desi_Chrom_3_11457635	Ca_desi_chr03	11457635	[A/G]	NA
Ca_Desi_Chrom_3_11490712	Ca_desi_chr03	11490712	[C/G]	NA
Ca_Desi_Chrom_3_11533440	Ca_desi_chr03	11533440	[A/T]	NA
Ca_Desi_Chrom_3_11543200	Ca_desi_chr03	11543200	[T/G]	NA
Ca_Desi_Chrom_3_11543223	Ca_desi_chr03	11543223	[T/G]	NA
Ca_Desi_Chrom_3_11544159	Ca_desi_chr03	11544159	[A/G]	NA
Ca_Desi_Chrom_3_11588299	Ca_desi_chr03	11588299	[A/C]	NA
Ca_Desi_Chrom_3_11588324	Ca_desi_chr03	11588324	[A/C]	NA
Ca_Desi_Chrom_3_11624201	Ca_desi_chr03	11624201	[A/C]	NA
Ca_Desi_Chrom_3_11631332	Ca_desi_chr03	11631332	[A/C]	NA
Ca_Desi_Chrom_3_11633970	Ca_desi_chr03	11633970	[A/T]	NA
Ca_Desi_Chrom_3_11656929	Ca_desi_chr03	11656929	[T/C]	NA
Ca_Desi_Chrom_3_11656937	Ca_desi_chr03	11656937	[A/G]	NA
Ca_Desi_Chrom_3_11656942	Ca_desi_chr03	11656942	[G/T]	NA
Ca_Desi_Chrom_3_11656944	Ca_desi_chr03	11656944	[T/C]	NA
Ca_Desi_Chrom_3_11656947	Ca_desi_chr03	11656947	[A/G]	NA
Ca_Desi_Chrom_3_11656952	Ca_desi_chr03	11656952	[T/G]	NA
Ca_Desi_Chrom_3_11656958	Ca_desi_chr03	11656958	[A/G]	NA
Ca_Desi_Chrom_3_11656968	Ca_desi_chr03	11656968	[A/G]	NA
Ca_Desi_Chrom_3_11656970	Ca_desi_chr03	11656970	[T/C]	NA
Ca_Desi_Chrom_3_11656981	Ca_desi_chr03	11656981	[A/G]	NA
Ca_Desi_Chrom_3_11656989	Ca_desi_chr03	11656989	[T/C]	NA
Ca_Desi_Chrom_3_11656997	Ca_desi_chr03	11656997	[A/G]	NA
Ca_Desi_Chrom_3_11667188	Ca_desi_chr03	11667188	[T/C]	NA
Ca_Desi_Chrom_3_11667230	Ca_desi_chr03	11667230	[T/C]	NA
Ca_Desi_Chrom_3_11668974	Ca_desi_chr03	11668974	[T/C]	NA
Ca_Desi_Chrom_3_11668989	Ca_desi_chr03	11668989	[T/C]	NA
Ca_Desi_Chrom_3_11669023	Ca_desi_chr03	11669023	[A/G]	NA
Ca_Desi_Chrom_3_11669956	Ca_desi_chr03	11669956	[T/C]	NA
Ca_Desi_Chrom_3_11669959	Ca_desi_chr03	11669959	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_3_11669967	Ca_desi_chr03	11669967	[T/C]	NA
Ca_Desi_Chr_3_11669983	Ca_desi_chr03	11669983	[A/C]	NA
Ca_Desi_Chr_3_11722008	Ca_desi_chr03	11722008	[T/G]	NA
Ca_Desi_Chr_3_11722095	Ca_desi_chr03	11722095	[T/G]	NA
Ca_Desi_Chr_3_11722125	Ca_desi_chr03	11722125	[T/G]	NA
Ca_Desi_Chr_3_11740564	Ca_desi_chr03	11740564	[T/C]	NA
Ca_Desi_Chr_3_11740588	Ca_desi_chr03	11740588	[A/G]	NA
Ca_Desi_Chr_3_11740660	Ca_desi_chr03	11740660	[T/C]	NA
Ca_Desi_Chr_3_11740671	Ca_desi_chr03	11740671	[A/G]	NA
Ca_Desi_Chr_3_11750910	Ca_desi_chr03	11750910	[C/A]	NA
Ca_Desi_Chr_3_11750911	Ca_desi_chr03	11750911	[A/G]	NA
Ca_Desi_Chr_3_11781905	Ca_desi_chr03	11781905	[T/G]	NA
Ca_Desi_Chr_3_11782791	Ca_desi_chr03	11782791	[A/T]	NA
Ca_Desi_Chr_3_11782818	Ca_desi_chr03	11782818	[T/A]	NA
Ca_Desi_Chr_3_11783339	Ca_desi_chr03	11783339	[A/T]	NA
Ca_Desi_Chr_3_11783341	Ca_desi_chr03	11783341	[C/A]	NA
Ca_Desi_Chr_3_11783344	Ca_desi_chr03	11783344	[G/A]	NA
Ca_Desi_Chr_3_11783353	Ca_desi_chr03	11783353	[A/G]	NA
Ca_Desi_Chr_3_11783359	Ca_desi_chr03	11783359	[T/C]	NA
Ca_Desi_Chr_3_11795727	Ca_desi_chr03	11795727	[A/G]	NA
Ca_Desi_Chr_3_11795733	Ca_desi_chr03	11795733	[T/C]	NA
Ca_Desi_Chr_3_11795758	Ca_desi_chr03	11795758	[A/G]	NA
Ca_Desi_Chr_3_11795771	Ca_desi_chr03	11795771	[T/G]	NA
Ca_Desi_Chr_3_11951018	Ca_desi_chr03	11951018	[T/G]	NA
Ca_Desi_Chr_3_11952326	Ca_desi_chr03	11952326	[T/G]	NA
Ca_Desi_Chr_3_11952338	Ca_desi_chr03	11952338	[T/G]	NA
Ca_Desi_Chr_3_11952353	Ca_desi_chr03	11952353	[T/G]	NA
Ca_Desi_Chr_3_11952371	Ca_desi_chr03	11952371	[A/G]	NA
Ca_Desi_Chr_3_11952374	Ca_desi_chr03	11952374	[A/G]	NA
Ca_Desi_Chr_3_11952416	Ca_desi_chr03	11952416	[A/T]	NA
Ca_Desi_Chr_3_11952431	Ca_desi_chr03	11952431	[A/G]	NA
Ca_Desi_Chr_3_11952440	Ca_desi_chr03	11952440	[T/G]	NA
Ca_Desi_Chr_3_11952443	Ca_desi_chr03	11952443	[T/G]	NA
Ca_Desi_Chr_3_11952463	Ca_desi_chr03	11952463	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_11952492	Ca_desi_chr03	11952492	[T/G]	NA
Ca_Desi_Chrom_3_11952517	Ca_desi_chr03	11952517	[A/C]	NA
Ca_Desi_Chrom_3_11965650	Ca_desi_chr03	11965650	[T/G]	NA
Ca_Desi_Chrom_3_11965669	Ca_desi_chr03	11965669	[T/A]	NA
Ca_Desi_Chrom_3_12096021	Ca_desi_chr03	12096021	[A/T]	NA
Ca_Desi_Chrom_3_12096051	Ca_desi_chr03	12096051	[A/G]	NA
Ca_Desi_Chrom_3_12163289	Ca_desi_chr03	12163289	[A/C]	NA
Ca_Desi_Chrom_3_12341044	Ca_desi_chr03	12341044	[A/G]	NA
Ca_Desi_Chrom_3_12341064	Ca_desi_chr03	12341064	[T/C]	NA
Ca_Desi_Chrom_3_12342074	Ca_desi_chr03	12342074	[T/G]	NA
Ca_Desi_Chrom_3_12385705	Ca_desi_chr03	12385705	[T/C]	NA
Ca_Desi_Chrom_3_12385707	Ca_desi_chr03	12385707	[A/C]	NA
Ca_Desi_Chrom_3_12385723	Ca_desi_chr03	12385723	[T/C]	NA
Ca_Desi_Chrom_3_12387388	Ca_desi_chr03	12387388	[A/C]	NA
Ca_Desi_Chrom_3_12506621	Ca_desi_chr03	12506621	[T/C]	NA
Ca_Desi_Chrom_3_12513130	Ca_desi_chr03	12513130	[A/T]	NA
Ca_Desi_Chrom_3_12534470	Ca_desi_chr03	12534470	[T/C]	NA
Ca_Desi_Chrom_3_12534491	Ca_desi_chr03	12534491	[T/G]	NA
Ca_Desi_Chrom_3_12536000	Ca_desi_chr03	12536000	[C/A]	NA
Ca_Desi_Chrom_3_12536003	Ca_desi_chr03	12536003	[A/C]	NA
Ca_Desi_Chrom_3_12536005	Ca_desi_chr03	12536005	[T/G]	NA
Ca_Desi_Chrom_3_12543780	Ca_desi_chr03	12543780	[T/C]	NA
Ca_Desi_Chrom_3_12543781	Ca_desi_chr03	12543781	[T/C]	NA
Ca_Desi_Chrom_3_12543812	Ca_desi_chr03	12543812	[A/G]	NA
Ca_Desi_Chrom_3_12543826	Ca_desi_chr03	12543826	[T/C]	NA
Ca_Desi_Chrom_3_12547098	Ca_desi_chr03	12547098	[T/G]	NA
Ca_Desi_Chrom_3_12846630	Ca_desi_chr03	12846630	[C/T]	NA
Ca_Desi_Chrom_3_12846631	Ca_desi_chr03	12846631	[T/C]	NA
Ca_Desi_Chrom_3_12846632	Ca_desi_chr03	12846632	[T/C]	NA
Ca_Desi_Chrom_3_12863760	Ca_desi_chr03	12863760	[G/A]	NA
Ca_Desi_Chrom_3_12863764	Ca_desi_chr03	12863764	[C/T]	NA
Ca_Desi_Chrom_3_12863779	Ca_desi_chr03	12863779	[T/C]	NA
Ca_Desi_Chrom_3_12863789	Ca_desi_chr03	12863789	[C/A]	NA
Ca_Desi_Chrom_3_12863810	Ca_desi_chr03	12863810	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_3_12863812	Ca_desig_chr03	12863812	[C/T]	NA
Ca_Desig_Chr_3_12896089	Ca_desig_chr03	12896089	[T/C]	NA
Ca_Desig_Chr_3_12896100	Ca_desig_chr03	12896100	[A/G]	NA
Ca_Desig_Chr_3_12897384	Ca_desig_chr03	12897384	[G/T]	NA
Ca_Desig_Chr_3_12897498	Ca_desig_chr03	12897498	[T/C]	NA
Ca_Desig_Chr_3_12899996	Ca_desig_chr03	12899996	[T/A]	NA
Ca_Desig_Chr_3_12900039	Ca_desig_chr03	12900039	[A/C]	NA
Ca_Desig_Chr_3_13015032	Ca_desig_chr03	13015032	[A/G]	NA
Ca_Desig_Chr_3_13015036	Ca_desig_chr03	13015036	[T/C]	NA
Ca_Desig_Chr_3_13015045	Ca_desig_chr03	13015045	[T/C]	NA
Ca_Desig_Chr_3_13015076	Ca_desig_chr03	13015076	[A/T]	NA
Ca_Desig_Chr_3_13207072	Ca_desig_chr03	13207072	[T/G]	NA
Ca_Desig_Chr_3_13353108	Ca_desig_chr03	13353108	[T/C]	NA
Ca_Desig_Chr_3_13353122	Ca_desig_chr03	13353122	[A/G]	NA
Ca_Desig_Chr_3_13423139	Ca_desig_chr03	13423139	[A/T]	NA
Ca_Desig_Chr_3_13423147	Ca_desig_chr03	13423147	[T/C]	NA
Ca_Desig_Chr_3_13423161	Ca_desig_chr03	13423161	[T/A]	NA
Ca_Desig_Chr_3_13423162	Ca_desig_chr03	13423162	[A/T]	NA
Ca_Desig_Chr_3_13423164	Ca_desig_chr03	13423164	[T/C]	NA
Ca_Desig_Chr_3_13423175	Ca_desig_chr03	13423175	[T/C]	NA
Ca_Desig_Chr_3_13518038	Ca_desig_chr03	13518038	[A/C]	NA
Ca_Desig_Chr_3_13533180	Ca_desig_chr03	13533180	[T/C]	NA
Ca_Desig_Chr_3_13533191	Ca_desig_chr03	13533191	[T/C]	NA
Ca_Desig_Chr_3_13533219	Ca_desig_chr03	13533219	[T/G]	NA
Ca_Desig_Chr_3_13533221	Ca_desig_chr03	13533221	[T/G]	NA
Ca_Desig_Chr_3_13533224	Ca_desig_chr03	13533224	[T/G]	NA
Ca_Desig_Chr_3_13533234	Ca_desig_chr03	13533234	[T/C]	NA
Ca_Desig_Chr_3_13535547	Ca_desig_chr03	13535547	[A/T]	NA
Ca_Desig_Chr_3_13535548	Ca_desig_chr03	13535548	[T/G]	NA
Ca_Desig_Chr_3_13535549	Ca_desig_chr03	13535549	[C/T]	NA
Ca_Desig_Chr_3_13535550	Ca_desig_chr03	13535550	[T/G]	NA
Ca_Desig_Chr_3_13535696	Ca_desig_chr03	13535696	[A/G]	NA
Ca_Desig_Chr_3_13535715	Ca_desig_chr03	13535715	[A/C]	NA
Ca_Desig_Chr_3_13538576	Ca_desig_chr03	13538576	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_13578505	Ca_desi_chr03	13578505	[T/G]	NA
Ca_Desi_Chrom_3_13664230	Ca_desi_chr03	13664230	[T/C]	NA
Ca_Desi_Chrom_3_13761986	Ca_desi_chr03	13761986	[A/G]	NA
Ca_Desi_Chrom_3_13762005	Ca_desi_chr03	13762005	[A/G]	NA
Ca_Desi_Chrom_3_13762011	Ca_desi_chr03	13762011	[A/G]	NA
Ca_Desi_Chrom_3_13762031	Ca_desi_chr03	13762031	[A/G]	NA
Ca_Desi_Chrom_3_13762033	Ca_desi_chr03	13762033	[A/G]	NA
Ca_Desi_Chrom_3_13762041	Ca_desi_chr03	13762041	[T/C]	NA
Ca_Desi_Chrom_3_13762042	Ca_desi_chr03	13762042	[A/G]	NA
Ca_Desi_Chrom_3_13823885	Ca_desi_chr03	13823885	[T/C]	NA
Ca_Desi_Chrom_3_13825432	Ca_desi_chr03	13825432	[T/G]	NA
Ca_Desi_Chrom_3_13829504	Ca_desi_chr03	13829504	[T/C]	NA
Ca_Desi_Chrom_3_13829505	Ca_desi_chr03	13829505	[G/T]	NA
Ca_Desi_Chrom_3_13841844	Ca_desi_chr03	13841844	[T/C]	NA
Ca_Desi_Chrom_3_13841848	Ca_desi_chr03	13841848	[T/C]	NA
Ca_Desi_Chrom_3_13841860	Ca_desi_chr03	13841860	[T/C]	NA
Ca_Desi_Chrom_3_13841862	Ca_desi_chr03	13841862	[A/C]	NA
Ca_Desi_Chrom_3_13841866	Ca_desi_chr03	13841866	[T/C]	NA
Ca_Desi_Chrom_3_13841868	Ca_desi_chr03	13841868	[A/C]	NA
Ca_Desi_Chrom_3_13892233	Ca_desi_chr03	13892233	[A/C]	NA
Ca_Desi_Chrom_3_13892255	Ca_desi_chr03	13892255	[T/C]	NA
Ca_Desi_Chrom_3_13892260	Ca_desi_chr03	13892260	[T/C]	NA
Ca_Desi_Chrom_3_13894609	Ca_desi_chr03	13894609	[T/G]	NA
Ca_Desi_Chrom_3_13993896	Ca_desi_chr03	13993896	[T/C]	NA
Ca_Desi_Chrom_3_14005543	Ca_desi_chr03	14005543	[G/C]	NA
Ca_Desi_Chrom_3_14006868	Ca_desi_chr03	14006868	[G/A]	NA
Ca_Desi_Chrom_3_14137865	Ca_desi_chr03	14137865	[C/A]	NA
Ca_Desi_Chrom_3_14172683	Ca_desi_chr03	14172683	[T/G]	NA
Ca_Desi_Chrom_3_14172702	Ca_desi_chr03	14172702	[A/G]	NA
Ca_Desi_Chrom_3_14619693	Ca_desi_chr03	14619693	[A/G]	NA
Ca_Desi_Chrom_3_14732868	Ca_desi_chr03	14732868	[A/T]	NA
Ca_Desi_Chrom_3_14733058	Ca_desi_chr03	14733058	[T/C]	NA
Ca_Desi_Chrom_3_14817890	Ca_desi_chr03	14817890	[A/C]	NA
Ca_Desi_Chrom_3_14860658	Ca_desi_chr03	14860658	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_14927117	Ca_desi_chr03	14927117	[A/G]	NA
Ca_Desi_Chrom_3_14927170	Ca_desi_chr03	14927170	[C/G]	NA
Ca_Desi_Chrom_3_14933824	Ca_desi_chr03	14933824	[T/C]	NA
Ca_Desi_Chrom_3_14933842	Ca_desi_chr03	14933842	[A/G]	NA
Ca_Desi_Chrom_3_14933844	Ca_desi_chr03	14933844	[T/G]	NA
Ca_Desi_Chrom_3_14936353	Ca_desi_chr03	14936353	[A/G]	NA
Ca_Desi_Chrom_3_15070440	Ca_desi_chr03	15070440	[T/G]	NA
Ca_Desi_Chrom_3_15070457	Ca_desi_chr03	15070457	[T/G]	NA
Ca_Desi_Chrom_3_15103597	Ca_desi_chr03	15103597	[A/G]	NA
Ca_Desi_Chrom_3_15111143	Ca_desi_chr03	15111143	[T/A]	NA
Ca_Desi_Chrom_3_15114667	Ca_desi_chr03	15114667	[A/C]	NA
Ca_Desi_Chrom_3_15115114	Ca_desi_chr03	15115114	[A/G]	NA
Ca_Desi_Chrom_3_15115921	Ca_desi_chr03	15115921	[T/G]	NA
Ca_Desi_Chrom_3_15134443	Ca_desi_chr03	15134443	[T/C]	NA
Ca_Desi_Chrom_3_15134476	Ca_desi_chr03	15134476	[A/C]	NA
Ca_Desi_Chrom_3_15134798	Ca_desi_chr03	15134798	[A/T]	NA
Ca_Desi_Chrom_3_15280200	Ca_desi_chr03	15280200	[T/G]	NA
Ca_Desi_Chrom_3_15280210	Ca_desi_chr03	15280210	[A/T]	NA
Ca_Desi_Chrom_3_15281781	Ca_desi_chr03	15281781	[T/C]	NA
Ca_Desi_Chrom_3_15332029	Ca_desi_chr03	15332029	[T/A]	NA
Ca_Desi_Chrom_3_15332140	Ca_desi_chr03	15332140	[G/A]	NA
Ca_Desi_Chrom_3_15332490	Ca_desi_chr03	15332490	[C/G]	NA
Ca_Desi_Chrom_3_15332493	Ca_desi_chr03	15332493	[C/A]	NA
Ca_Desi_Chrom_3_15332497	Ca_desi_chr03	15332497	[C/T]	NA
Ca_Desi_Chrom_3_15332593	Ca_desi_chr03	15332593	[A/G]	NA
Ca_Desi_Chrom_3_15376333	Ca_desi_chr03	15376333	[A/C]	NA
Ca_Desi_Chrom_3_15386028	Ca_desi_chr03	15386028	[C/A]	NA
Ca_Desi_Chrom_3_15386029	Ca_desi_chr03	15386029	[A/G]	NA
Ca_Desi_Chrom_3_15386093	Ca_desi_chr03	15386093	[A/C]	NA
Ca_Desi_Chrom_3_15399290	Ca_desi_chr03	15399290	[A/G]	NA
Ca_Desi_Chrom_3_15446493	Ca_desi_chr03	15446493	[T/A]	NA
Ca_Desi_Chrom_3_15449371	Ca_desi_chr03	15449371	[A/G]	NA
Ca_Desi_Chrom_3_15449374	Ca_desi_chr03	15449374	[A/T]	NA
Ca_Desi_Chrom_3_15459723	Ca_desi_chr03	15459723	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrr_3_15459742	Ca_desi_chrr03	15459742	[A/T]	NA
Ca_Desi_Chrr_3_15459759	Ca_desi_chrr03	15459759	[A/C]	NA
Ca_Desi_Chrr_3_15497381	Ca_desi_chrr03	15497381	[A/C]	NA
Ca_Desi_Chrr_3_15497425	Ca_desi_chrr03	15497425	[A/G]	NA
Ca_Desi_Chrr_3_15497431	Ca_desi_chrr03	15497431	[A/C]	NA
Ca_Desi_Chrr_3_15502436	Ca_desi_chrr03	15502436	[T/C]	NA
Ca_Desi_Chrr_3_15502457	Ca_desi_chrr03	15502457	[T/C]	NA
Ca_Desi_Chrr_3_15502468	Ca_desi_chrr03	15502468	[T/C]	NA
Ca_Desi_Chrr_3_15502478	Ca_desi_chrr03	15502478	[A/C]	NA
Ca_Desi_Chrr_3_15502480	Ca_desi_chrr03	15502480	[T/C]	NA
Ca_Desi_Chrr_3_15502487	Ca_desi_chrr03	15502487	[T/C]	NA
Ca_Desi_Chrr_3_15875169	Ca_desi_chrr03	15875169	[A/G]	NA
Ca_Desi_Chrr_3_15875193	Ca_desi_chrr03	15875193	[T/C]	NA
Ca_Desi_Chrr_3_15875221	Ca_desi_chrr03	15875221	[A/C]	NA
Ca_Desi_Chrr_3_15875231	Ca_desi_chrr03	15875231	[A/G]	NA
Ca_Desi_Chrr_3_15877280	Ca_desi_chrr03	15877280	[A/C]	NA
Ca_Desi_Chrr_3_15991384	Ca_desi_chrr03	15991384	[T/C]	NA
Ca_Desi_Chrr_3_15991386	Ca_desi_chrr03	15991386	[G/A]	NA
Ca_Desi_Chrr_3_15991400	Ca_desi_chrr03	15991400	[A/G]	NA
Ca_Desi_Chrr_3_15991425	Ca_desi_chrr03	15991425	[A/G]	NA
Ca_Desi_Chrr_3_15991437	Ca_desi_chrr03	15991437	[T/A]	NA
Ca_Desi_Chrr_3_16022419	Ca_desi_chrr03	16022419	[T/C]	NA
Ca_Desi_Chrr_3_16050997	Ca_desi_chrr03	16050997	[T/C]	NA
Ca_Desi_Chrr_3_16051042	Ca_desi_chrr03	16051042	[T/C]	NA
Ca_Desi_Chrr_3_16051284	Ca_desi_chrr03	16051284	[T/C]	NA
Ca_Desi_Chrr_3_16051287	Ca_desi_chrr03	16051287	[T/C]	NA
Ca_Desi_Chrr_3_16051314	Ca_desi_chrr03	16051314	[T/C]	NA
Ca_Desi_Chrr_3_16051338	Ca_desi_chrr03	16051338	[T/C]	NA
Ca_Desi_Chrr_3_16104847	Ca_desi_chrr03	16104847	[T/A]	NA
Ca_Desi_Chrr_3_16104854	Ca_desi_chrr03	16104854	[A/G]	NA
Ca_Desi_Chrr_3_16104860	Ca_desi_chrr03	16104860	[T/C]	NA
Ca_Desi_Chrr_3_16108704	Ca_desi_chrr03	16108704	[A/G]	NA
Ca_Desi_Chrr_3_16116725	Ca_desi_chrr03	16116725	[A/C]	NA
Ca_Desi_Chrr_3_16136964	Ca_desi_chrr03	16136964	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_3_16181581	Ca_desi_chr03	16181581	[T/C]	NA
Ca_Desi_Chr_3_16185209	Ca_desi_chr03	16185209	[G/T]	NA
Ca_Desi_Chr_3_16185211	Ca_desi_chr03	16185211	[G/T]	NA
Ca_Desi_Chr_3_16188628	Ca_desi_chr03	16188628	[A/G]	NA
Ca_Desi_Chr_3_16188642	Ca_desi_chr03	16188642	[T/C]	NA
Ca_Desi_Chr_3_16188647	Ca_desi_chr03	16188647	[A/T]	NA
Ca_Desi_Chr_3_16188660	Ca_desi_chr03	16188660	[T/G]	NA
Ca_Desi_Chr_3_16188666	Ca_desi_chr03	16188666	[T/G]	NA
Ca_Desi_Chr_3_16188667	Ca_desi_chr03	16188667	[A/C]	NA
Ca_Desi_Chr_3_16209367	Ca_desi_chr03	16209367	[A/T]	NA
Ca_Desi_Chr_3_16209405	Ca_desi_chr03	16209405	[A/T]	NA
Ca_Desi_Chr_3_16209416	Ca_desi_chr03	16209416	[A/G]	NA
Ca_Desi_Chr_3_16209423	Ca_desi_chr03	16209423	[A/C]	NA
Ca_Desi_Chr_3_16209429	Ca_desi_chr03	16209429	[T/C]	NA
Ca_Desi_Chr_3_16209436	Ca_desi_chr03	16209436	[T/C]	NA
Ca_Desi_Chr_3_16258540	Ca_desi_chr03	16258540	[T/C]	NA
Ca_Desi_Chr_3_16337223	Ca_desi_chr03	16337223	[A/G]	NA
Ca_Desi_Chr_3_16337248	Ca_desi_chr03	16337248	[A/G]	NA
Ca_Desi_Chr_3_16346395	Ca_desi_chr03	16346395	[C/T]	NA
Ca_Desi_Chr_3_16429235	Ca_desi_chr03	16429235	[T/G]	NA
Ca_Desi_Chr_3_16429257	Ca_desi_chr03	16429257	[A/C]	NA
Ca_Desi_Chr_3_16429260	Ca_desi_chr03	16429260	[A/C]	NA
Ca_Desi_Chr_3_16546869	Ca_desi_chr03	16546869	[T/G]	NA
Ca_Desi_Chr_3_16546893	Ca_desi_chr03	16546893	[A/G]	NA
Ca_Desi_Chr_3_16546905	Ca_desi_chr03	16546905	[T/G]	NA
Ca_Desi_Chr_3_16546908	Ca_desi_chr03	16546908	[A/C]	NA
Ca_Desi_Chr_3_16579001	Ca_desi_chr03	16579001	[A/T]	NA
Ca_Desi_Chr_3_16579024	Ca_desi_chr03	16579024	[A/G]	NA
Ca_Desi_Chr_3_16582095	Ca_desi_chr03	16582095	[T/G]	NA
Ca_Desi_Chr_3_16582117	Ca_desi_chr03	16582117	[A/T]	NA
Ca_Desi_Chr_3_16590579	Ca_desi_chr03	16590579	[C/A]	NA
Ca_Desi_Chr_3_16590581	Ca_desi_chr03	16590581	[C/A]	NA
Ca_Desi_Chr_3_16590582	Ca_desi_chr03	16590582	[C/T]	NA
Ca_Desi_Chr_3_16620455	Ca_desi_chr03	16620455	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_16650411	Ca_desi_chr03	16650411	[T/G]	NA
Ca_Desi_Chrom_3_16712047	Ca_desi_chr03	16712047	[T/G]	NA
Ca_Desi_Chrom_3_16765694	Ca_desi_chr03	16765694	[C/G]	NA
Ca_Desi_Chrom_3_16765695	Ca_desi_chr03	16765695	[G/A]	NA
Ca_Desi_Chrom_3_16765697	Ca_desi_chr03	16765697	[T/C]	NA
Ca_Desi_Chrom_3_16765698	Ca_desi_chr03	16765698	[G/T]	NA
Ca_Desi_Chrom_3_16786497	Ca_desi_chr03	16786497	[T/G]	NA
Ca_Desi_Chrom_3_16829075	Ca_desi_chr03	16829075	[G/C]	NA
Ca_Desi_Chrom_3_16829079	Ca_desi_chr03	16829079	[T/A]	NA
Ca_Desi_Chrom_3_16829122	Ca_desi_chr03	16829122	[C/G]	NA
Ca_Desi_Chrom_3_16829185	Ca_desi_chr03	16829185	[A/C]	NA
Ca_Desi_Chrom_3_16868994	Ca_desi_chr03	16868994	[A/C]	NA
Ca_Desi_Chrom_3_16885690	Ca_desi_chr03	16885690	[T/G]	NA
Ca_Desi_Chrom_3_16885755	Ca_desi_chr03	16885755	[A/G]	NA
Ca_Desi_Chrom_3_16925658	Ca_desi_chr03	16925658	[A/G]	NA
Ca_Desi_Chrom_3_16925687	Ca_desi_chr03	16925687	[A/C]	NA
Ca_Desi_Chrom_3_16925701	Ca_desi_chr03	16925701	[T/C]	NA
Ca_Desi_Chrom_3_17011085	Ca_desi_chr03	17011085	[T/C]	NA
Ca_Desi_Chrom_3_17065579	Ca_desi_chr03	17065579	[A/G]	NA
Ca_Desi_Chrom_3_17065582	Ca_desi_chr03	17065582	[T/G]	NA
Ca_Desi_Chrom_3_17065613	Ca_desi_chr03	17065613	[A/G]	NA
Ca_Desi_Chrom_3_17065616	Ca_desi_chr03	17065616	[T/G]	NA
Ca_Desi_Chrom_3_17065622	Ca_desi_chr03	17065622	[A/G]	NA
Ca_Desi_Chrom_3_17088304	Ca_desi_chr03	17088304	[T/A]	NA
Ca_Desi_Chrom_3_17088308	Ca_desi_chr03	17088308	[T/C]	NA
Ca_Desi_Chrom_3_17088317	Ca_desi_chr03	17088317	[A/G]	NA
Ca_Desi_Chrom_3_17088323	Ca_desi_chr03	17088323	[A/G]	NA
Ca_Desi_Chrom_3_17088325	Ca_desi_chr03	17088325	[A/G]	NA
Ca_Desi_Chrom_3_17088328	Ca_desi_chr03	17088328	[A/G]	NA
Ca_Desi_Chrom_3_17088349	Ca_desi_chr03	17088349	[T/A]	NA
Ca_Desi_Chrom_3_17096871	Ca_desi_chr03	17096871	[A/G]	NA
Ca_Desi_Chrom_3_17135033	Ca_desi_chr03	17135033	[A/C]	NA
Ca_Desi_Chrom_3_17135048	Ca_desi_chr03	17135048	[A/G]	NA
Ca_Desi_Chrom_3_17138109	Ca_desi_chr03	17138109	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_3_17138110	Ca_desig_chr03	17138110	[T/G]	NA
Ca_Desig_Chr_3_17138111	Ca_desig_chr03	17138111	[T/A]	NA
Ca_Desig_Chr_3_17138112	Ca_desig_chr03	17138112	[G/T]	NA
Ca_Desig_Chr_3_17227479	Ca_desig_chr03	17227479	[A/G]	NA
Ca_Desig_Chr_3_17227518	Ca_desig_chr03	17227518	[A/C]	NA
Ca_Desig_Chr_3_17227520	Ca_desig_chr03	17227520	[A/C]	NA
Ca_Desig_Chr_3_17227527	Ca_desig_chr03	17227527	[A/G]	NA
Ca_Desig_Chr_3_17296688	Ca_desig_chr03	17296688	[T/C]	NA
Ca_Desig_Chr_3_17296711	Ca_desig_chr03	17296711	[G/A]	NA
Ca_Desig_Chr_3_17646522	Ca_desig_chr03	17646522	[T/C]	NA
Ca_Desig_Chr_3_17646527	Ca_desig_chr03	17646527	[T/C]	NA
Ca_Desig_Chr_3_17646542	Ca_desig_chr03	17646542	[A/G]	NA
Ca_Desig_Chr_3_17646549	Ca_desig_chr03	17646549	[A/G]	NA
Ca_Desig_Chr_3_17664144	Ca_desig_chr03	17664144	[A/G]	NA
Ca_Desig_Chr_3_17732927	Ca_desig_chr03	17732927	[A/G]	NA
Ca_Desig_Chr_3_17737216	Ca_desig_chr03	17737216	[G/A]	NA
Ca_Desig_Chr_3_17741417	Ca_desig_chr03	17741417	[A/T]	NA
Ca_Desig_Chr_3_17741418	Ca_desig_chr03	17741418	[T/A]	NA
Ca_Desig_Chr_3_17792610	Ca_desig_chr03	17792610	[A/C]	NA
Ca_Desig_Chr_3_17792649	Ca_desig_chr03	17792649	[A/C]	NA
Ca_Desig_Chr_3_17792663	Ca_desig_chr03	17792663	[A/C]	NA
Ca_Desig_Chr_3_17818902	Ca_desig_chr03	17818902	[T/G]	NA
Ca_Desig_Chr_3_17818917	Ca_desig_chr03	17818917	[T/G]	NA
Ca_Desig_Chr_3_17835717	Ca_desig_chr03	17835717	[A/C]	NA
Ca_Desig_Chr_3_17835719	Ca_desig_chr03	17835719	[T/C]	NA
Ca_Desig_Chr_3_17835724	Ca_desig_chr03	17835724	[T/C]	NA
Ca_Desig_Chr_3_17835729	Ca_desig_chr03	17835729	[A/C]	NA
Ca_Desig_Chr_3_17835731	Ca_desig_chr03	17835731	[T/G]	NA
Ca_Desig_Chr_3_17835767	Ca_desig_chr03	17835767	[T/C]	NA
Ca_Desig_Chr_3_17839934	Ca_desig_chr03	17839934	[T/A]	NA
Ca_Desig_Chr_3_17839978	Ca_desig_chr03	17839978	[T/A]	NA
Ca_Desig_Chr_3_17839999	Ca_desig_chr03	17839999	[A/G]	NA
Ca_Desig_Chr_3_17840024	Ca_desig_chr03	17840024	[T/C]	NA
Ca_Desig_Chr_3_17840040	Ca_desig_chr03	17840040	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_17840042	Ca_desi_chr03	17840042	[T/C]	NA
Ca_Desi_Chrom_3_17840054	Ca_desi_chr03	17840054	[T/C]	NA
Ca_Desi_Chrom_3_17840063	Ca_desi_chr03	17840063	[A/G]	NA
Ca_Desi_Chrom_3_17840066	Ca_desi_chr03	17840066	[T/C]	NA
Ca_Desi_Chrom_3_17848319	Ca_desi_chr03	17848319	[T/C]	NA
Ca_Desi_Chrom_3_17848395	Ca_desi_chr03	17848395	[T/G]	NA
Ca_Desi_Chrom_3_17848919	Ca_desi_chr03	17848919	[A/G]	NA
Ca_Desi_Chrom_3_17848950	Ca_desi_chr03	17848950	[T/C]	NA
Ca_Desi_Chrom_3_17853432	Ca_desi_chr03	17853432	[T/A]	NA
Ca_Desi_Chrom_3_17853448	Ca_desi_chr03	17853448	[T/A]	NA
Ca_Desi_Chrom_3_17854002	Ca_desi_chr03	17854002	[T/G]	NA
Ca_Desi_Chrom_3_17854023	Ca_desi_chr03	17854023	[T/G]	NA
Ca_Desi_Chrom_3_17854146	Ca_desi_chr03	17854146	[T/G]	NA
Ca_Desi_Chrom_3_17855204	Ca_desi_chr03	17855204	[A/G]	NA
Ca_Desi_Chrom_3_17855245	Ca_desi_chr03	17855245	[A/G]	NA
Ca_Desi_Chrom_3_17895424	Ca_desi_chr03	17895424	[T/C]	NA
Ca_Desi_Chrom_3_17952334	Ca_desi_chr03	17952334	[T/G]	NA
Ca_Desi_Chrom_3_17952564	Ca_desi_chr03	17952564	[T/C]	NA
Ca_Desi_Chrom_3_17966694	Ca_desi_chr03	17966694	[A/C]	NA
Ca_Desi_Chrom_3_17975273	Ca_desi_chr03	17975273	[C/A]	NA
Ca_Desi_Chrom_3_17976107	Ca_desi_chr03	17976107	[T/G]	NA
Ca_Desi_Chrom_3_17976111	Ca_desi_chr03	17976111	[T/C]	NA
Ca_Desi_Chrom_3_17976132	Ca_desi_chr03	17976132	[A/G]	NA
Ca_Desi_Chrom_3_17989589	Ca_desi_chr03	17989589	[T/G]	NA
Ca_Desi_Chrom_3_18017147	Ca_desi_chr03	18017147	[T/G]	NA
Ca_Desi_Chrom_3_18017151	Ca_desi_chr03	18017151	[A/C]	NA
Ca_Desi_Chrom_3_18017344	Ca_desi_chr03	18017344	[T/A]	NA
Ca_Desi_Chrom_3_18045434	Ca_desi_chr03	18045434	[A/C]	NA
Ca_Desi_Chrom_3_18046638	Ca_desi_chr03	18046638	[A/C]	NA
Ca_Desi_Chrom_3_18053804	Ca_desi_chr03	18053804	[T/G]	NA
Ca_Desi_Chrom_3_18101790	Ca_desi_chr03	18101790	[T/G]	NA
Ca_Desi_Chrom_3_18101916	Ca_desi_chr03	18101916	[A/G]	NA
Ca_Desi_Chrom_3_18101946	Ca_desi_chr03	18101946	[A/C]	NA
Ca_Desi_Chrom_3_18102043	Ca_desi_chr03	18102043	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_3_18102072	Ca_desig_chr03	18102072	[T/G]	NA
Ca_Desig_Chr_3_18102085	Ca_desig_chr03	18102085	[T/C]	NA
Ca_Desig_Chr_3_18102087	Ca_desig_chr03	18102087	[A/G]	NA
Ca_Desig_Chr_3_18121201	Ca_desig_chr03	18121201	[T/C]	NA
Ca_Desig_Chr_3_18121210	Ca_desig_chr03	18121210	[T/G]	NA
Ca_Desig_Chr_3_18121247	Ca_desig_chr03	18121247	[T/A]	NA
Ca_Desig_Chr_3_18121264	Ca_desig_chr03	18121264	[A/C]	NA
Ca_Desig_Chr_3_18121309	Ca_desig_chr03	18121309	[A/C]	NA
Ca_Desig_Chr_3_18171145	Ca_desig_chr03	18171145	[A/T]	NA
Ca_Desig_Chr_3_18171146	Ca_desig_chr03	18171146	[A/C]	NA
Ca_Desig_Chr_3_18192692	Ca_desig_chr03	18192692	[A/C]	NA
Ca_Desig_Chr_3_18192696	Ca_desig_chr03	18192696	[A/C]	NA
Ca_Desig_Chr_3_18192713	Ca_desig_chr03	18192713	[T/C]	NA
Ca_Desig_Chr_3_18203721	Ca_desig_chr03	18203721	[T/G]	NA
Ca_Desig_Chr_3_18203727	Ca_desig_chr03	18203727	[A/C]	NA
Ca_Desig_Chr_3_18272990	Ca_desig_chr03	18272990	[T/A]	NA
Ca_Desig_Chr_3_18272991	Ca_desig_chr03	18272991	[A/T]	NA
Ca_Desig_Chr_3_18273003	Ca_desig_chr03	18273003	[T/G]	NA
Ca_Desig_Chr_3_18273006	Ca_desig_chr03	18273006	[A/G]	NA
Ca_Desig_Chr_3_18273015	Ca_desig_chr03	18273015	[T/G]	NA
Ca_Desig_Chr_3_18273023	Ca_desig_chr03	18273023	[T/G]	NA
Ca_Desig_Chr_3_18273059	Ca_desig_chr03	18273059	[T/G]	NA
Ca_Desig_Chr_3_18273103	Ca_desig_chr03	18273103	[C/A]	NA
Ca_Desig_Chr_3_18273114	Ca_desig_chr03	18273114	[T/G]	NA
Ca_Desig_Chr_3_18299751	Ca_desig_chr03	18299751	[A/G]	NA
Ca_Desig_Chr_3_18299753	Ca_desig_chr03	18299753	[C/T]	NA
Ca_Desig_Chr_3_18299757	Ca_desig_chr03	18299757	[T/C]	NA
Ca_Desig_Chr_3_18305209	Ca_desig_chr03	18305209	[A/T]	NA
Ca_Desig_Chr_3_18305215	Ca_desig_chr03	18305215	[T/C]	NA
Ca_Desig_Chr_3_18305219	Ca_desig_chr03	18305219	[T/C]	NA
Ca_Desig_Chr_3_18305230	Ca_desig_chr03	18305230	[A/G]	NA
Ca_Desig_Chr_3_18305257	Ca_desig_chr03	18305257	[A/G]	NA
Ca_Desig_Chr_3_18305259	Ca_desig_chr03	18305259	[T/C]	NA
Ca_Desig_Chr_3_18305263	Ca_desig_chr03	18305263	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_3_18370545	Ca_desig_chr03	18370545	[T/C]	NA
Ca_Desig_Chr_3_18370575	Ca_desig_chr03	18370575	[T/C]	NA
Ca_Desig_Chr_3_18370609	Ca_desig_chr03	18370609	[A/C]	NA
Ca_Desig_Chr_3_18378861	Ca_desig_chr03	18378861	[T/C]	NA
Ca_Desig_Chr_3_18378862	Ca_desig_chr03	18378862	[C/G]	NA
Ca_Desig_Chr_3_18439917	Ca_desig_chr03	18439917	[G/T]	NA
Ca_Desig_Chr_3_18440126	Ca_desig_chr03	18440126	[T/A]	NA
Ca_Desig_Chr_3_18440144	Ca_desig_chr03	18440144	[A/G]	NA
Ca_Desig_Chr_3_18440185	Ca_desig_chr03	18440185	[A/G]	NA
Ca_Desig_Chr_3_18440223	Ca_desig_chr03	18440223	[A/C]	NA
Ca_Desig_Chr_3_18440280	Ca_desig_chr03	18440280	[A/C]	NA
Ca_Desig_Chr_3_18440310	Ca_desig_chr03	18440310	[A/G]	NA
Ca_Desig_Chr_3_18440952	Ca_desig_chr03	18440952	[A/C]	NA
Ca_Desig_Chr_3_18440955	Ca_desig_chr03	18440955	[A/C]	NA
Ca_Desig_Chr_3_18448780	Ca_desig_chr03	18448780	[A/C]	NA
Ca_Desig_Chr_3_18449839	Ca_desig_chr03	18449839	[T/G]	NA
Ca_Desig_Chr_3_18457058	Ca_desig_chr03	18457058	[A/G]	NA
Ca_Desig_Chr_3_18457059	Ca_desig_chr03	18457059	[A/G]	NA
Ca_Desig_Chr_3_18457060	Ca_desig_chr03	18457060	[A/G]	NA
Ca_Desig_Chr_3_18489032	Ca_desig_chr03	18489032	[C/A]	NA
Ca_Desig_Chr_3_18500277	Ca_desig_chr03	18500277	[C/G]	NA
Ca_Desig_Chr_3_18530331	Ca_desig_chr03	18530331	[A/T]	NA
Ca_Desig_Chr_3_18530349	Ca_desig_chr03	18530349	[A/C]	NA
Ca_Desig_Chr_3_18530555	Ca_desig_chr03	18530555	[C/T]	NA
Ca_Desig_Chr_3_18530599	Ca_desig_chr03	18530599	[A/T]	NA
Ca_Desig_Chr_3_18543482	Ca_desig_chr03	18543482	[C/T]	NA
Ca_Desig_Chr_3_18543500	Ca_desig_chr03	18543500	[G/T]	NA
Ca_Desig_Chr_3_18594788	Ca_desig_chr03	18594788	[T/A]	NA
Ca_Desig_Chr_3_18594797	Ca_desig_chr03	18594797	[T/G]	NA
Ca_Desig_Chr_3_18612095	Ca_desig_chr03	18612095	[T/G]	NA
Ca_Desig_Chr_3_18668485	Ca_desig_chr03	18668485	[T/C]	NA
Ca_Desig_Chr_3_18702849	Ca_desig_chr03	18702849	[T/C]	NA
Ca_Desig_Chr_3_18702949	Ca_desig_chr03	18702949	[T/G]	NA
Ca_Desig_Chr_3_18702950	Ca_desig_chr03	18702950	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_3_18702951	Ca_desig_chr03	18702951	[A/C]	NA
Ca_Desig_Chr_3_18702952	Ca_desig_chr03	18702952	[C/G]	NA
Ca_Desig_Chr_3_18702960	Ca_desig_chr03	18702960	[C/A]	NA
Ca_Desig_Chr_3_18703047	Ca_desig_chr03	18703047	[A/T]	NA
Ca_Desig_Chr_3_18703050	Ca_desig_chr03	18703050	[A/C]	NA
Ca_Desig_Chr_3_18703068	Ca_desig_chr03	18703068	[T/C]	NA
Ca_Desig_Chr_3_18715729	Ca_desig_chr03	18715729	[G/C]	NA
Ca_Desig_Chr_3_18823826	Ca_desig_chr03	18823826	[C/A]	NA
Ca_Desig_Chr_3_18823827	Ca_desig_chr03	18823827	[T/G]	NA
Ca_Desig_Chr_3_18935406	Ca_desig_chr03	18935406	[T/C]	NA
Ca_Desig_Chr_3_18935413	Ca_desig_chr03	18935413	[A/G]	NA
Ca_Desig_Chr_3_18935426	Ca_desig_chr03	18935426	[T/G]	NA
Ca_Desig_Chr_3_18935432	Ca_desig_chr03	18935432	[A/G]	NA
Ca_Desig_Chr_3_18935434	Ca_desig_chr03	18935434	[T/G]	NA
Ca_Desig_Chr_3_18940044	Ca_desig_chr03	18940044	[T/A]	NA
Ca_Desig_Chr_3_18940077	Ca_desig_chr03	18940077	[A/G]	NA
Ca_Desig_Chr_3_18940085	Ca_desig_chr03	18940085	[A/G]	NA
Ca_Desig_Chr_3_18976026	Ca_desig_chr03	18976026	[T/C]	NA
Ca_Desig_Chr_3_18976029	Ca_desig_chr03	18976029	[A/C]	NA
Ca_Desig_Chr_3_18976267	Ca_desig_chr03	18976267	[A/G]	NA
Ca_Desig_Chr_3_18976278	Ca_desig_chr03	18976278	[T/G]	NA
Ca_Desig_Chr_3_18976280	Ca_desig_chr03	18976280	[T/C]	NA
Ca_Desig_Chr_3_18976287	Ca_desig_chr03	18976287	[T/C]	NA
Ca_Desig_Chr_3_18976321	Ca_desig_chr03	18976321	[A/T]	NA
Ca_Desig_Chr_3_18976324	Ca_desig_chr03	18976324	[A/G]	NA
Ca_Desig_Chr_3_19038579	Ca_desig_chr03	19038579	[C/A]	NA
Ca_Desig_Chr_3_19041530	Ca_desig_chr03	19041530	[A/C]	NA
Ca_Desig_Chr_3_19041854	Ca_desig_chr03	19041854	[T/C]	NA
Ca_Desig_Chr_3_19041856	Ca_desig_chr03	19041856	[T/C]	NA
Ca_Desig_Chr_3_19041868	Ca_desig_chr03	19041868	[T/G]	NA
Ca_Desig_Chr_3_19047706	Ca_desig_chr03	19047706	[A/C]	NA
Ca_Desig_Chr_3_19054086	Ca_desig_chr03	19054086	[T/G]	NA
Ca_Desig_Chr_3_19059884	Ca_desig_chr03	19059884	[T/C]	NA
Ca_Desig_Chr_3_19059895	Ca_desig_chr03	19059895	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_19059902	Ca_desi_chr03	19059902	[A/G]	NA
Ca_Desi_Chrom_3_19059905	Ca_desi_chr03	19059905	[T/G]	NA
Ca_Desi_Chrom_3_19059915	Ca_desi_chr03	19059915	[A/C]	NA
Ca_Desi_Chrom_3_19062095	Ca_desi_chr03	19062095	[T/C]	NA
Ca_Desi_Chrom_3_19062134	Ca_desi_chr03	19062134	[T/C]	NA
Ca_Desi_Chrom_3_19062151	Ca_desi_chr03	19062151	[A/G]	NA
Ca_Desi_Chrom_3_19113242	Ca_desi_chr03	19113242	[A/C]	NA
Ca_Desi_Chrom_3_19113328	Ca_desi_chr03	19113328	[A/G]	NA
Ca_Desi_Chrom_3_19113355	Ca_desi_chr03	19113355	[T/C]	NA
Ca_Desi_Chrom_3_19113358	Ca_desi_chr03	19113358	[T/A]	NA
Ca_Desi_Chrom_3_19113365	Ca_desi_chr03	19113365	[T/C]	NA
Ca_Desi_Chrom_3_19113373	Ca_desi_chr03	19113373	[A/C]	NA
Ca_Desi_Chrom_3_19113385	Ca_desi_chr03	19113385	[A/G]	NA
Ca_Desi_Chrom_3_19113403	Ca_desi_chr03	19113403	[T/C]	NA
Ca_Desi_Chrom_3_19113486	Ca_desi_chr03	19113486	[T/C]	NA
Ca_Desi_Chrom_3_19114100	Ca_desi_chr03	19114100	[T/G]	NA
Ca_Desi_Chrom_3_19114103	Ca_desi_chr03	19114103	[T/G]	NA
Ca_Desi_Chrom_3_19114106	Ca_desi_chr03	19114106	[T/G]	NA
Ca_Desi_Chrom_3_19166628	Ca_desi_chr03	19166628	[C/A]	NA
Ca_Desi_Chrom_3_19166629	Ca_desi_chr03	19166629	[A/G]	NA
Ca_Desi_Chrom_3_19166631	Ca_desi_chr03	19166631	[A/T]	NA
Ca_Desi_Chrom_3_19166632	Ca_desi_chr03	19166632	[G/C]	NA
Ca_Desi_Chrom_3_19167145	Ca_desi_chr03	19167145	[T/G]	NA
Ca_Desi_Chrom_3_19172948	Ca_desi_chr03	19172948	[A/G]	NA
Ca_Desi_Chrom_3_19172975	Ca_desi_chr03	19172975	[T/A]	NA
Ca_Desi_Chrom_3_19172986	Ca_desi_chr03	19172986	[T/G]	NA
Ca_Desi_Chrom_3_19177878	Ca_desi_chr03	19177878	[T/G]	NA
Ca_Desi_Chrom_3_19177894	Ca_desi_chr03	19177894	[A/C]	NA
Ca_Desi_Chrom_3_19472702	Ca_desi_chr03	19472702	[T/G]	NA
Ca_Desi_Chrom_3_19476992	Ca_desi_chr03	19476992	[A/C]	NA
Ca_Desi_Chrom_3_19476996	Ca_desi_chr03	19476996	[A/C]	NA
Ca_Desi_Chrom_3_19483576	Ca_desi_chr03	19483576	[T/A]	NA
Ca_Desi_Chrom_3_19483577	Ca_desi_chr03	19483577	[A/C]	NA
Ca_Desi_Chrom_3_19538135	Ca_desi_chr03	19538135	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrr_3_19538150	Ca_desi_chrr03	19538150	[T/C]	NA
Ca_Desi_Chrr_3_19538163	Ca_desi_chrr03	19538163	[A/G]	NA
Ca_Desi_Chrr_3_19538167	Ca_desi_chrr03	19538167	[A/G]	NA
Ca_Desi_Chrr_3_19538176	Ca_desi_chrr03	19538176	[A/C]	NA
Ca_Desi_Chrr_3_19538180	Ca_desi_chrr03	19538180	[T/C]	NA
Ca_Desi_Chrr_3_19538186	Ca_desi_chrr03	19538186	[T/C]	NA
Ca_Desi_Chrr_3_19562100	Ca_desi_chrr03	19562100	[A/G]	NA
Ca_Desi_Chrr_3_19562112	Ca_desi_chrr03	19562112	[T/G]	NA
Ca_Desi_Chrr_3_19562368	Ca_desi_chrr03	19562368	[T/G]	NA
Ca_Desi_Chrr_3_19634516	Ca_desi_chrr03	19634516	[T/G]	NA
Ca_Desi_Chrr_3_19634546	Ca_desi_chrr03	19634546	[T/G]	NA
Ca_Desi_Chrr_3_19634550	Ca_desi_chrr03	19634550	[T/G]	NA
Ca_Desi_Chrr_3_19634610	Ca_desi_chrr03	19634610	[G/C]	NA
Ca_Desi_Chrr_3_19634629	Ca_desi_chrr03	19634629	[A/G]	NA
Ca_Desi_Chrr_3_19634633	Ca_desi_chrr03	19634633	[A/G]	NA
Ca_Desi_Chrr_3_19634642	Ca_desi_chrr03	19634642	[T/C]	NA
Ca_Desi_Chrr_3_19636920	Ca_desi_chrr03	19636920	[T/G]	NA
Ca_Desi_Chrr_3_19636940	Ca_desi_chrr03	19636940	[T/G]	NA
Ca_Desi_Chrr_3_19636950	Ca_desi_chrr03	19636950	[T/G]	NA
Ca_Desi_Chrr_3_19636954	Ca_desi_chrr03	19636954	[T/G]	NA
Ca_Desi_Chrr_3_19636958	Ca_desi_chrr03	19636958	[T/C]	NA
Ca_Desi_Chrr_3_19636997	Ca_desi_chrr03	19636997	[T/C]	NA
Ca_Desi_Chrr_3_19637005	Ca_desi_chrr03	19637005	[T/C]	NA
Ca_Desi_Chrr_3_19637006	Ca_desi_chrr03	19637006	[C/T]	NA
Ca_Desi_Chrr_3_19637012	Ca_desi_chrr03	19637012	[G/C]	NA
Ca_Desi_Chrr_3_19637014	Ca_desi_chrr03	19637014	[G/C]	NA
Ca_Desi_Chrr_3_19637019	Ca_desi_chrr03	19637019	[T/C]	NA
Ca_Desi_Chrr_3_19637032	Ca_desi_chrr03	19637032	[A/G]	NA
Ca_Desi_Chrr_3_19637036	Ca_desi_chrr03	19637036	[A/C]	NA
Ca_Desi_Chrr_3_19649188	Ca_desi_chrr03	19649188	[T/G]	NA
Ca_Desi_Chrr_3_19659019	Ca_desi_chrr03	19659019	[A/C]	NA
Ca_Desi_Chrr_3_19690042	Ca_desi_chrr03	19690042	[T/C]	NA
Ca_Desi_Chrr_3_19690052	Ca_desi_chrr03	19690052	[T/C]	NA
Ca_Desi_Chrr_3_19690074	Ca_desi_chrr03	19690074	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_19690078	Ca_desi_chr03	19690078	[T/G]	NA
Ca_Desi_Chrom_3_19710047	Ca_desi_chr03	19710047	[T/G]	NA
Ca_Desi_Chrom_3_19779281	Ca_desi_chr03	19779281	[T/G]	NA
Ca_Desi_Chrom_3_19781175	Ca_desi_chr03	19781175	[A/G]	NA
Ca_Desi_Chrom_3_19827447	Ca_desi_chr03	19827447	[A/C]	NA
Ca_Desi_Chrom_3_19827450	Ca_desi_chr03	19827450	[C/A]	NA
Ca_Desi_Chrom_3_19844603	Ca_desi_chr03	19844603	[T/G]	NA
Ca_Desi_Chrom_3_19844606	Ca_desi_chr03	19844606	[T/G]	NA
Ca_Desi_Chrom_3_19844632	Ca_desi_chr03	19844632	[T/G]	NA
Ca_Desi_Chrom_3_19844666	Ca_desi_chr03	19844666	[A/C]	NA
Ca_Desi_Chrom_3_19877477	Ca_desi_chr03	19877477	[T/G]	NA
Ca_Desi_Chrom_3_19884972	Ca_desi_chr03	19884972	[T/G]	NA
Ca_Desi_Chrom_3_19886207	Ca_desi_chr03	19886207	[T/C]	NA
Ca_Desi_Chrom_3_19886210	Ca_desi_chr03	19886210	[A/G]	NA
Ca_Desi_Chrom_3_19898847	Ca_desi_chr03	19898847	[T/G]	NA
Ca_Desi_Chrom_3_19898912	Ca_desi_chr03	19898912	[A/C]	NA
Ca_Desi_Chrom_3_19912158	Ca_desi_chr03	19912158	[A/G]	NA
Ca_Desi_Chrom_3_19912161	Ca_desi_chr03	19912161	[T/G]	NA
Ca_Desi_Chrom_3_19912164	Ca_desi_chr03	19912164	[A/C]	NA
Ca_Desi_Chrom_3_19925874	Ca_desi_chr03	19925874	[T/C]	NA
Ca_Desi_Chrom_3_19925928	Ca_desi_chr03	19925928	[A/G]	NA
Ca_Desi_Chrom_3_19962321	Ca_desi_chr03	19962321	[A/G]	NA
Ca_Desi_Chrom_3_19962333	Ca_desi_chr03	19962333	[A/G]	NA
Ca_Desi_Chrom_3_19986924	Ca_desi_chr03	19986924	[T/A]	NA
Ca_Desi_Chrom_3_19986925	Ca_desi_chr03	19986925	[A/G]	NA
Ca_Desi_Chrom_3_20002675	Ca_desi_chr03	20002675	[T/C]	NA
Ca_Desi_Chrom_3_20002678	Ca_desi_chr03	20002678	[A/C]	NA
Ca_Desi_Chrom_3_20002698	Ca_desi_chr03	20002698	[T/C]	NA
Ca_Desi_Chrom_3_20002708	Ca_desi_chr03	20002708	[T/C]	NA
Ca_Desi_Chrom_3_20040729	Ca_desi_chr03	20040729	[A/T]	NA
Ca_Desi_Chrom_3_20040743	Ca_desi_chr03	20040743	[T/C]	NA
Ca_Desi_Chrom_3_20040765	Ca_desi_chr03	20040765	[T/C]	NA
Ca_Desi_Chrom_3_20074748	Ca_desi_chr03	20074748	[T/C]	NA
Ca_Desi_Chrom_3_20096073	Ca_desi_chr03	20096073	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_20096092	Ca_desi_chr03	20096092	[T/C]	NA
Ca_Desi_Chrom_3_20161445	Ca_desi_chr03	20161445	[G/A]	NA
Ca_Desi_Chrom_3_20229567	Ca_desi_chr03	20229567	[T/C]	NA
Ca_Desi_Chrom_3_20229573	Ca_desi_chr03	20229573	[A/G]	NA
Ca_Desi_Chrom_3_20229596	Ca_desi_chr03	20229596	[A/G]	NA
Ca_Desi_Chrom_3_20240165	Ca_desi_chr03	20240165	[G/T]	NA
Ca_Desi_Chrom_3_20240166	Ca_desi_chr03	20240166	[A/C]	NA
Ca_Desi_Chrom_3_20240167	Ca_desi_chr03	20240167	[G/T]	NA
Ca_Desi_Chrom_3_20267301	Ca_desi_chr03	20267301	[G/A]	NA
Ca_Desi_Chrom_3_20316673	Ca_desi_chr03	20316673	[T/A]	NA
Ca_Desi_Chrom_3_20316939	Ca_desi_chr03	20316939	[A/G]	NA
Ca_Desi_Chrom_3_20372696	Ca_desi_chr03	20372696	[T/A]	NA
Ca_Desi_Chrom_3_20603580	Ca_desi_chr03	20603580	[T/C]	NA
Ca_Desi_Chrom_3_20614553	Ca_desi_chr03	20614553	[T/G]	NA
Ca_Desi_Chrom_3_20614556	Ca_desi_chr03	20614556	[T/G]	NA
Ca_Desi_Chrom_3_20614559	Ca_desi_chr03	20614559	[T/G]	NA
Ca_Desi_Chrom_3_21054191	Ca_desi_chr03	21054191	[A/T]	NA
Ca_Desi_Chrom_3_21054198	Ca_desi_chr03	21054198	[C/G]	NA
Ca_Desi_Chrom_3_21054199	Ca_desi_chr03	21054199	[T/C]	NA
Ca_Desi_Chrom_3_21054201	Ca_desi_chr03	21054201	[T/C]	NA
Ca_Desi_Chrom_3_21058099	Ca_desi_chr03	21058099	[T/C]	NA
Ca_Desi_Chrom_3_21058103	Ca_desi_chr03	21058103	[T/C]	NA
Ca_Desi_Chrom_3_21058105	Ca_desi_chr03	21058105	[T/C]	NA
Ca_Desi_Chrom_3_21058111	Ca_desi_chr03	21058111	[A/G]	NA
Ca_Desi_Chrom_3_21058117	Ca_desi_chr03	21058117	[T/C]	NA
Ca_Desi_Chrom_3_21058130	Ca_desi_chr03	21058130	[T/C]	NA
Ca_Desi_Chrom_3_21058131	Ca_desi_chr03	21058131	[T/C]	NA
Ca_Desi_Chrom_3_21058134	Ca_desi_chr03	21058134	[T/C]	NA
Ca_Desi_Chrom_3_21058136	Ca_desi_chr03	21058136	[T/C]	NA
Ca_Desi_Chrom_3_21058138	Ca_desi_chr03	21058138	[A/C]	NA
Ca_Desi_Chrom_3_21058142	Ca_desi_chr03	21058142	[T/C]	NA
Ca_Desi_Chrom_3_21058143	Ca_desi_chr03	21058143	[T/C]	NA
Ca_Desi_Chrom_3_21058147	Ca_desi_chr03	21058147	[A/G]	NA
Ca_Desi_Chrom_3_21058165	Ca_desi_chr03	21058165	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_21114954	Ca_desi_chr03	21114954	[A/C]	NA
Ca_Desi_Chrom_3_21182936	Ca_desi_chr03	21182936	[A/T]	NA
Ca_Desi_Chrom_3_21182978	Ca_desi_chr03	21182978	[A/T]	NA
Ca_Desi_Chrom_3_21182981	Ca_desi_chr03	21182981	[T/C]	NA
Ca_Desi_Chrom_3_21182985	Ca_desi_chr03	21182985	[A/G]	NA
Ca_Desi_Chrom_3_21182989	Ca_desi_chr03	21182989	[A/G]	NA
Ca_Desi_Chrom_3_21182995	Ca_desi_chr03	21182995	[T/G]	NA
Ca_Desi_Chrom_3_21183003	Ca_desi_chr03	21183003	[T/C]	NA
Ca_Desi_Chrom_3_21183011	Ca_desi_chr03	21183011	[T/C]	NA
Ca_Desi_Chrom_3_21183015	Ca_desi_chr03	21183015	[T/C]	NA
Ca_Desi_Chrom_3_21192011	Ca_desi_chr03	21192011	[T/A]	NA
Ca_Desi_Chrom_3_21209794	Ca_desi_chr03	21209794	[G/A]	NA
Ca_Desi_Chrom_3_21209800	Ca_desi_chr03	21209800	[C/A]	NA
Ca_Desi_Chrom_3_21209826	Ca_desi_chr03	21209826	[T/C]	NA
Ca_Desi_Chrom_3_21437812	Ca_desi_chr03	21437812	[T/C]	NA
Ca_Desi_Chrom_3_21550846	Ca_desi_chr03	21550846	[G/A]	NA
Ca_Desi_Chrom_3_21550970	Ca_desi_chr03	21550970	[T/A]	NA
Ca_Desi_Chrom_3_21552409	Ca_desi_chr03	21552409	[A/G]	NA
Ca_Desi_Chrom_3_21552416	Ca_desi_chr03	21552416	[G/A]	NA
Ca_Desi_Chrom_3_21552417	Ca_desi_chr03	21552417	[A/G]	NA
Ca_Desi_Chrom_3_21552418	Ca_desi_chr03	21552418	[T/G]	NA
Ca_Desi_Chrom_3_21552427	Ca_desi_chr03	21552427	[A/G]	NA
Ca_Desi_Chrom_3_21552431	Ca_desi_chr03	21552431	[A/G]	NA
Ca_Desi_Chrom_3_21552432	Ca_desi_chr03	21552432	[A/G]	NA
Ca_Desi_Chrom_3_21552438	Ca_desi_chr03	21552438	[A/G]	NA
Ca_Desi_Chrom_3_21552439	Ca_desi_chr03	21552439	[A/G]	NA
Ca_Desi_Chrom_3_21552441	Ca_desi_chr03	21552441	[A/G]	NA
Ca_Desi_Chrom_3_21552453	Ca_desi_chr03	21552453	[T/C]	NA
Ca_Desi_Chrom_3_21552455	Ca_desi_chr03	21552455	[T/C]	NA
Ca_Desi_Chrom_3_21552462	Ca_desi_chr03	21552462	[T/C]	NA
Ca_Desi_Chrom_3_21587264	Ca_desi_chr03	21587264	[A/C]	NA
Ca_Desi_Chrom_3_21588107	Ca_desi_chr03	21588107	[A/G]	NA
Ca_Desi_Chrom_3_21588117	Ca_desi_chr03	21588117	[A/G]	NA
Ca_Desi_Chrom_3_21588138	Ca_desi_chr03	21588138	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_21588189	Ca_desi_chr03	21588189	[T/A]	NA
Ca_Desi_Chrom_3_21588205	Ca_desi_chr03	21588205	[A/C]	NA
Ca_Desi_Chrom_3_21588215	Ca_desi_chr03	21588215	[A/C]	NA
Ca_Desi_Chrom_3_21592386	Ca_desi_chr03	21592386	[T/C]	NA
Ca_Desi_Chrom_3_21592405	Ca_desi_chr03	21592405	[T/C]	NA
Ca_Desi_Chrom_3_21592409	Ca_desi_chr03	21592409	[A/G]	NA
Ca_Desi_Chrom_3_21592410	Ca_desi_chr03	21592410	[T/G]	NA
Ca_Desi_Chrom_3_21592439	Ca_desi_chr03	21592439	[A/G]	NA
Ca_Desi_Chrom_3_21621191	Ca_desi_chr03	21621191	[A/G]	NA
Ca_Desi_Chrom_3_21621224	Ca_desi_chr03	21621224	[A/C]	NA
Ca_Desi_Chrom_3_21624166	Ca_desi_chr03	21624166	[T/C]	NA
Ca_Desi_Chrom_3_21624170	Ca_desi_chr03	21624170	[A/T]	NA
Ca_Desi_Chrom_3_21624274	Ca_desi_chr03	21624274	[A/C]	NA
Ca_Desi_Chrom_3_21624279	Ca_desi_chr03	21624279	[A/T]	NA
Ca_Desi_Chrom_3_21625614	Ca_desi_chr03	21625614	[A/C]	NA
Ca_Desi_Chrom_3_21625693	Ca_desi_chr03	21625693	[T/G]	NA
Ca_Desi_Chrom_3_21675730	Ca_desi_chr03	21675730	[T/C]	NA
Ca_Desi_Chrom_3_21747046	Ca_desi_chr03	21747046	[T/G]	NA
Ca_Desi_Chrom_3_21747048	Ca_desi_chr03	21747048	[T/A]	NA
Ca_Desi_Chrom_3_21747074	Ca_desi_chr03	21747074	[A/G]	NA
Ca_Desi_Chrom_3_21768472	Ca_desi_chr03	21768472	[C/A]	NA
Ca_Desi_Chrom_3_21768473	Ca_desi_chr03	21768473	[A/T]	NA
Ca_Desi_Chrom_3_21768474	Ca_desi_chr03	21768474	[A/C]	NA
Ca_Desi_Chrom_3_21768475	Ca_desi_chr03	21768475	[G/T]	NA
Ca_Desi_Chrom_3_21774427	Ca_desi_chr03	21774427	[A/C]	NA
Ca_Desi_Chrom_3_21835284	Ca_desi_chr03	21835284	[T/A]	NA
Ca_Desi_Chrom_3_21867107	Ca_desi_chr03	21867107	[T/G]	NA
Ca_Desi_Chrom_3_21920964	Ca_desi_chr03	21920964	[T/G]	NA
Ca_Desi_Chrom_3_21935578	Ca_desi_chr03	21935578	[A/C]	NA
Ca_Desi_Chrom_3_21942881	Ca_desi_chr03	21942881	[T/C]	NA
Ca_Desi_Chrom_3_22003665	Ca_desi_chr03	22003665	[T/C]	NA
Ca_Desi_Chrom_3_22004700	Ca_desi_chr03	22004700	[T/C]	NA
Ca_Desi_Chrom_3_22005360	Ca_desi_chr03	22005360	[T/G]	NA
Ca_Desi_Chrom_3_22023130	Ca_desi_chr03	22023130	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_3_22023133	Ca_desig_chr03	22023133	[T/A]	NA
Ca_Desig_Chr_3_22571755	Ca_desig_chr03	22571755	[T/G]	NA
Ca_Desig_Chr_3_22581329	Ca_desig_chr03	22581329	[T/C]	NA
Ca_Desig_Chr_3_22618251	Ca_desig_chr03	22618251	[A/G]	NA
Ca_Desig_Chr_3_22618265	Ca_desig_chr03	22618265	[T/C]	NA
Ca_Desig_Chr_3_22618284	Ca_desig_chr03	22618284	[A/G]	NA
Ca_Desig_Chr_3_22618310	Ca_desig_chr03	22618310	[A/C]	NA
Ca_Desig_Chr_3_22687823	Ca_desig_chr03	22687823	[C/T]	NA
Ca_Desig_Chr_3_22687902	Ca_desig_chr03	22687902	[T/C]	NA
Ca_Desig_Chr_3_22737849	Ca_desig_chr03	22737849	[T/C]	NA
Ca_Desig_Chr_3_22737873	Ca_desig_chr03	22737873	[A/T]	NA
Ca_Desig_Chr_3_22737951	Ca_desig_chr03	22737951	[A/C]	NA
Ca_Desig_Chr_3_22737981	Ca_desig_chr03	22737981	[A/G]	NA
Ca_Desig_Chr_3_22830261	Ca_desig_chr03	22830261	[G/A]	NA
Ca_Desig_Chr_3_22834176	Ca_desig_chr03	22834176	[T/C]	NA
Ca_Desig_Chr_3_22834208	Ca_desig_chr03	22834208	[A/G]	NA
Ca_Desig_Chr_3_22903655	Ca_desig_chr03	22903655	[A/G]	NA
Ca_Desig_Chr_3_22903659	Ca_desig_chr03	22903659	[A/G]	NA
Ca_Desig_Chr_3_22903680	Ca_desig_chr03	22903680	[T/G]	NA
Ca_Desig_Chr_3_22903689	Ca_desig_chr03	22903689	[T/C]	NA
Ca_Desig_Chr_3_22909826	Ca_desig_chr03	22909826	[A/G]	NA
Ca_Desig_Chr_3_22954634	Ca_desig_chr03	22954634	[A/G]	NA
Ca_Desig_Chr_3_22954640	Ca_desig_chr03	22954640	[T/C]	NA
Ca_Desig_Chr_3_22967778	Ca_desig_chr03	22967778	[T/G]	NA
Ca_Desig_Chr_3_22969949	Ca_desig_chr03	22969949	[A/G]	NA
Ca_Desig_Chr_3_22969957	Ca_desig_chr03	22969957	[A/T]	NA
Ca_Desig_Chr_3_22969964	Ca_desig_chr03	22969964	[T/C]	NA
Ca_Desig_Chr_3_22969980	Ca_desig_chr03	22969980	[A/C]	NA
Ca_Desig_Chr_3_22969991	Ca_desig_chr03	22969991	[A/G]	NA
Ca_Desig_Chr_3_22969996	Ca_desig_chr03	22969996	[T/A]	NA
Ca_Desig_Chr_3_22969998	Ca_desig_chr03	22969998	[A/G]	NA
Ca_Desig_Chr_3_22973066	Ca_desig_chr03	22973066	[C/T]	NA
Ca_Desig_Chr_3_22973073	Ca_desig_chr03	22973073	[T/C]	NA
Ca_Desig_Chr_3_22973135	Ca_desig_chr03	22973135	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_22980522	Ca_desi_chr03	22980522	[A/G]	NA
Ca_Desi_Chrom_3_22980534	Ca_desi_chr03	22980534	[G/C]	NA
Ca_Desi_Chrom_3_22984947	Ca_desi_chr03	22984947	[G/C]	NA
Ca_Desi_Chrom_3_22992410	Ca_desi_chr03	22992410	[G/A]	NA
Ca_Desi_Chrom_3_22992503	Ca_desi_chr03	22992503	[G/A]	NA
Ca_Desi_Chrom_3_22992567	Ca_desi_chr03	22992567	[A/G]	NA
Ca_Desi_Chrom_3_22992776	Ca_desi_chr03	22992776	[A/G]	NA
Ca_Desi_Chrom_3_23022149	Ca_desi_chr03	23022149	[C/T]	NA
Ca_Desi_Chrom_3_23024193	Ca_desi_chr03	23024193	[C/A]	NA
Ca_Desi_Chrom_3_23024242	Ca_desi_chr03	23024242	[G/T]	NA
Ca_Desi_Chrom_3_23025194	Ca_desi_chr03	23025194	[T/G]	NA
Ca_Desi_Chrom_3_23025199	Ca_desi_chr03	23025199	[T/G]	NA
Ca_Desi_Chrom_3_23026742	Ca_desi_chr03	23026742	[T/G]	NA
Ca_Desi_Chrom_3_23029365	Ca_desi_chr03	23029365	[T/A]	NA
Ca_Desi_Chrom_3_23032363	Ca_desi_chr03	23032363	[A/G]	NA
Ca_Desi_Chrom_3_23032534	Ca_desi_chr03	23032534	[C/T]	NA
Ca_Desi_Chrom_3_23056479	Ca_desi_chr03	23056479	[T/G]	NA
Ca_Desi_Chrom_3_23056583	Ca_desi_chr03	23056583	[T/G]	NA
Ca_Desi_Chrom_3_23056595	Ca_desi_chr03	23056595	[T/A]	NA
Ca_Desi_Chrom_3_23056632	Ca_desi_chr03	23056632	[A/C]	NA
Ca_Desi_Chrom_3_23056653	Ca_desi_chr03	23056653	[A/G]	NA
Ca_Desi_Chrom_3_23096441	Ca_desi_chr03	23096441	[T/G]	NA
Ca_Desi_Chrom_3_23096465	Ca_desi_chr03	23096465	[T/G]	NA
Ca_Desi_Chrom_3_23096509	Ca_desi_chr03	23096509	[C/T]	NA
Ca_Desi_Chrom_3_23096518	Ca_desi_chr03	23096518	[A/G]	NA
Ca_Desi_Chrom_3_23142943	Ca_desi_chr03	23142943	[A/G]	NA
Ca_Desi_Chrom_3_23144500	Ca_desi_chr03	23144500	[T/C]	NA
Ca_Desi_Chrom_3_23144512	Ca_desi_chr03	23144512	[A/T]	NA
Ca_Desi_Chrom_3_23144519	Ca_desi_chr03	23144519	[T/C]	NA
Ca_Desi_Chrom_3_23156234	Ca_desi_chr03	23156234	[C/T]	NA
Ca_Desi_Chrom_3_23156257	Ca_desi_chr03	23156257	[A/G]	NA
Ca_Desi_Chrom_3_23157660	Ca_desi_chr03	23157660	[T/A]	NA
Ca_Desi_Chrom_3_23157661	Ca_desi_chr03	23157661	[A/G]	NA
Ca_Desi_Chrom_3_23164356	Ca_desi_chr03	23164356	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_3_23164542	Ca_desi_chr03	23164542	[T/C]	NA
Ca_Desi_Chrom_3_23164549	Ca_desi_chr03	23164549	[C/A]	NA
Ca_Desi_Chrom_3_23164625	Ca_desi_chr03	23164625	[G/A]	NA
Ca_Desi_Chrom_3_23164937	Ca_desi_chr03	23164937	[A/G]	NA
Ca_Desi_Chrom_3_23164953	Ca_desi_chr03	23164953	[T/C]	NA
Ca_Desi_Chrom_3_23164983	Ca_desi_chr03	23164983	[C/T]	NA
Ca_Desi_Chrom_3_23235399	Ca_desi_chr03	23235399	[A/G]	NA
Ca_Desi_Chrom_3_23325891	Ca_desi_chr03	23325891	[C/A]	NA
Ca_Desi_Chrom_4_7882	Ca_desi_chr04	7882	[T/G]	NA
Ca_Desi_Chrom_4_40641	Ca_desi_chr04	40641	[A/G]	NA
Ca_Desi_Chrom_4_112110	Ca_desi_chr04	112110	[C/A]	NA
Ca_Desi_Chrom_4_122800	Ca_desi_chr04	122800	[T/C]	NA
Ca_Desi_Chrom_4_122834	Ca_desi_chr04	122834	[T/C]	NA
Ca_Desi_Chrom_4_123046	Ca_desi_chr04	123046	[G/A]	NA
Ca_Desi_Chrom_4_130836	Ca_desi_chr04	130836	[C/T]	NA
Ca_Desi_Chrom_4_130850	Ca_desi_chr04	130850	[G/A]	NA
Ca_Desi_Chrom_4_130883	Ca_desi_chr04	130883	[T/G]	NA
Ca_Desi_Chrom_4_131227	Ca_desi_chr04	131227	[A/G]	NA
Ca_Desi_Chrom_4_133375	Ca_desi_chr04	133375	[C/A]	NA
Ca_Desi_Chrom_4_145927	Ca_desi_chr04	145927	[A/G]	NA
Ca_Desi_Chrom_4_149986	Ca_desi_chr04	149986	[T/C]	NA
Ca_Desi_Chrom_4_150577	Ca_desi_chr04	150577	[T/C]	NA
Ca_Desi_Chrom_4_150640	Ca_desi_chr04	150640	[A/C]	NA
Ca_Desi_Chrom_4_150643	Ca_desi_chr04	150643	[A/C]	NA
Ca_Desi_Chrom_4_151462	Ca_desi_chr04	151462	[G/C]	NA
Ca_Desi_Chrom_4_181954	Ca_desi_chr04	181954	[C/G]	NA
Ca_Desi_Chrom_4_198665	Ca_desi_chr04	198665	[T/C]	NA
Ca_Desi_Chrom_4_223008	Ca_desi_chr04	223008	[G/A]	NA
Ca_Desi_Chrom_4_223012	Ca_desi_chr04	223012	[T/G]	NA
Ca_Desi_Chrom_4_232316	Ca_desi_chr04	232316	[T/A]	NA
Ca_Desi_Chrom_4_232426	Ca_desi_chr04	232426	[T/G]	NA
Ca_Desi_Chrom_4_234977	Ca_desi_chr04	234977	[T/G]	NA
Ca_Desi_Chrom_4_237082	Ca_desi_chr04	237082	[C/G]	NA
Ca_Desi_Chrom_4_238567	Ca_desi_chr04	238567	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_240061	Ca_desi_chr04	240061	[T/C]	NA
Ca_Desi_Chrom_4_240109	Ca_desi_chr04	240109	[A/C]	NA
Ca_Desi_Chrom_4_241125	Ca_desi_chr04	241125	[A/G]	NA
Ca_Desi_Chrom_4_243174	Ca_desi_chr04	243174	[G/A]	NA
Ca_Desi_Chrom_4_256283	Ca_desi_chr04	256283	[C/T]	NA
Ca_Desi_Chrom_4_256346	Ca_desi_chr04	256346	[C/G]	NA
Ca_Desi_Chrom_4_257906	Ca_desi_chr04	257906	[T/C]	NA
Ca_Desi_Chrom_4_257924	Ca_desi_chr04	257924	[A/G]	NA
Ca_Desi_Chrom_4_257926	Ca_desi_chr04	257926	[T/A]	NA
Ca_Desi_Chrom_4_257927	Ca_desi_chr04	257927	[A/C]	NA
Ca_Desi_Chrom_4_325326	Ca_desi_chr04	325326	[A/G]	NA
Ca_Desi_Chrom_4_325342	Ca_desi_chr04	325342	[T/A]	NA
Ca_Desi_Chrom_4_325345	Ca_desi_chr04	325345	[A/G]	NA
Ca_Desi_Chrom_4_325358	Ca_desi_chr04	325358	[A/G]	NA
Ca_Desi_Chrom_4_325410	Ca_desi_chr04	325410	[A/T]	NA
Ca_Desi_Chrom_4_325682	Ca_desi_chr04	325682	[T/C]	NA
Ca_Desi_Chrom_4_325982	Ca_desi_chr04	325982	[T/G]	NA
Ca_Desi_Chrom_4_326013	Ca_desi_chr04	326013	[T/G]	NA
Ca_Desi_Chrom_4_326048	Ca_desi_chr04	326048	[A/T]	NA
Ca_Desi_Chrom_4_328232	Ca_desi_chr04	328232	[C/T]	NA
Ca_Desi_Chrom_4_334803	Ca_desi_chr04	334803	[T/G]	NA
Ca_Desi_Chrom_4_335462	Ca_desi_chr04	335462	[A/G]	NA
Ca_Desi_Chrom_4_340829	Ca_desi_chr04	340829	[G/A]	NA
Ca_Desi_Chrom_4_345799	Ca_desi_chr04	345799	[C/T]	NA
Ca_Desi_Chrom_4_345813	Ca_desi_chr04	345813	[G/A]	NA
Ca_Desi_Chrom_4_348202	Ca_desi_chr04	348202	[T/A]	NA
Ca_Desi_Chrom_4_348344	Ca_desi_chr04	348344	[A/G]	NA
Ca_Desi_Chrom_4_348384	Ca_desi_chr04	348384	[T/C]	NA
Ca_Desi_Chrom_4_348770	Ca_desi_chr04	348770	[A/C]	NA
Ca_Desi_Chrom_4_354152	Ca_desi_chr04	354152	[A/G]	NA
Ca_Desi_Chrom_4_366996	Ca_desi_chr04	366996	[A/G]	NA
Ca_Desi_Chrom_4_367014	Ca_desi_chr04	367014	[A/G]	NA
Ca_Desi_Chrom_4_367025	Ca_desi_chr04	367025	[A/G]	NA
Ca_Desi_Chrom_4_367026	Ca_desi_chr04	367026	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_367027	Ca_desi_chr04	367027	[A/G]	NA
Ca_Desi_Chrom_4_367801	Ca_desi_chr04	367801	[A/T]	NA
Ca_Desi_Chrom_4_367804	Ca_desi_chr04	367804	[A/G]	NA
Ca_Desi_Chrom_4_367805	Ca_desi_chr04	367805	[A/C]	NA
Ca_Desi_Chrom_4_367808	Ca_desi_chr04	367808	[A/C]	NA
Ca_Desi_Chrom_4_367811	Ca_desi_chr04	367811	[A/G]	NA
Ca_Desi_Chrom_4_367814	Ca_desi_chr04	367814	[T/G]	NA
Ca_Desi_Chrom_4_367816	Ca_desi_chr04	367816	[T/G]	NA
Ca_Desi_Chrom_4_367818	Ca_desi_chr04	367818	[A/G]	NA
Ca_Desi_Chrom_4_367821	Ca_desi_chr04	367821	[G/T]	NA
Ca_Desi_Chrom_4_367822	Ca_desi_chr04	367822	[T/G]	NA
Ca_Desi_Chrom_4_367825	Ca_desi_chr04	367825	[G/T]	NA
Ca_Desi_Chrom_4_367826	Ca_desi_chr04	367826	[T/C]	NA
Ca_Desi_Chrom_4_367827	Ca_desi_chr04	367827	[C/A]	NA
Ca_Desi_Chrom_4_367829	Ca_desi_chr04	367829	[A/C]	NA
Ca_Desi_Chrom_4_367832	Ca_desi_chr04	367832	[T/C]	NA
Ca_Desi_Chrom_4_367833	Ca_desi_chr04	367833	[G/C]	NA
Ca_Desi_Chrom_4_367835	Ca_desi_chr04	367835	[A/C]	NA
Ca_Desi_Chrom_4_367838	Ca_desi_chr04	367838	[T/C]	NA
Ca_Desi_Chrom_4_367844	Ca_desi_chr04	367844	[T/C]	NA
Ca_Desi_Chrom_4_367943	Ca_desi_chr04	367943	[A/G]	NA
Ca_Desi_Chrom_4_368030	Ca_desi_chr04	368030	[A/T]	NA
Ca_Desi_Chrom_4_368270	Ca_desi_chr04	368270	[A/G]	NA
Ca_Desi_Chrom_4_368285	Ca_desi_chr04	368285	[G/C]	NA
Ca_Desi_Chrom_4_368438	Ca_desi_chr04	368438	[G/T]	NA
Ca_Desi_Chrom_4_368472	Ca_desi_chr04	368472	[C/T]	NA
Ca_Desi_Chrom_4_371113	Ca_desi_chr04	371113	[A/T]	NA
Ca_Desi_Chrom_4_371576	Ca_desi_chr04	371576	[G/T]	NA
Ca_Desi_Chrom_4_371754	Ca_desi_chr04	371754	[A/T]	NA
Ca_Desi_Chrom_4_372779	Ca_desi_chr04	372779	[A/G]	NA
Ca_Desi_Chrom_4_372806	Ca_desi_chr04	372806	[C/T]	NA
Ca_Desi_Chrom_4_372810	Ca_desi_chr04	372810	[C/G]	NA
Ca_Desi_Chrom_4_454624	Ca_desi_chr04	454624	[T/G]	NA
Ca_Desi_Chrom_4_454634	Ca_desi_chr04	454634	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_454671	Ca_desi_chr04	454671	[A/C]	NA
Ca_Desi_Chrom_4_600659	Ca_desi_chr04	600659	[T/C]	NA
Ca_Desi_Chrom_4_600687	Ca_desi_chr04	600687	[T/G]	NA
Ca_Desi_Chrom_4_600743	Ca_desi_chr04	600743	[T/G]	NA
Ca_Desi_Chrom_4_600805	Ca_desi_chr04	600805	[T/G]	NA
Ca_Desi_Chrom_4_677279	Ca_desi_chr04	677279	[A/C]	NA
Ca_Desi_Chrom_4_677289	Ca_desi_chr04	677289	[A/C]	NA
Ca_Desi_Chrom_4_677300	Ca_desi_chr04	677300	[T/C]	NA
Ca_Desi_Chrom_4_686239	Ca_desi_chr04	686239	[T/G]	NA
Ca_Desi_Chrom_4_686310	Ca_desi_chr04	686310	[A/C]	NA
Ca_Desi_Chrom_4_686313	Ca_desi_chr04	686313	[T/C]	NA
Ca_Desi_Chrom_4_686341	Ca_desi_chr04	686341	[A/G]	NA
Ca_Desi_Chrom_4_686343	Ca_desi_chr04	686343	[T/C]	NA
Ca_Desi_Chrom_4_686346	Ca_desi_chr04	686346	[T/C]	NA
Ca_Desi_Chrom_4_686358	Ca_desi_chr04	686358	[T/A]	NA
Ca_Desi_Chrom_4_705227	Ca_desi_chr04	705227	[A/G]	NA
Ca_Desi_Chrom_4_748189	Ca_desi_chr04	748189	[A/C]	NA
Ca_Desi_Chrom_4_748485	Ca_desi_chr04	748485	[A/C]	NA
Ca_Desi_Chrom_4_748638	Ca_desi_chr04	748638	[T/C]	NA
Ca_Desi_Chrom_4_748644	Ca_desi_chr04	748644	[A/G]	NA
Ca_Desi_Chrom_4_748653	Ca_desi_chr04	748653	[T/C]	NA
Ca_Desi_Chrom_4_748660	Ca_desi_chr04	748660	[T/C]	NA
Ca_Desi_Chrom_4_748666	Ca_desi_chr04	748666	[A/G]	NA
Ca_Desi_Chrom_4_748679	Ca_desi_chr04	748679	[C/A]	NA
Ca_Desi_Chrom_4_771278	Ca_desi_chr04	771278	[A/G]	NA
Ca_Desi_Chrom_4_771281	Ca_desi_chr04	771281	[T/C]	NA
Ca_Desi_Chrom_4_771305	Ca_desi_chr04	771305	[T/G]	NA
Ca_Desi_Chrom_4_878326	Ca_desi_chr04	878326	[T/C]	NA
Ca_Desi_Chrom_4_889511	Ca_desi_chr04	889511	[T/G]	NA
Ca_Desi_Chrom_4_889512	Ca_desi_chr04	889512	[A/C]	NA
Ca_Desi_Chrom_4_889522	Ca_desi_chr04	889522	[T/G]	NA
Ca_Desi_Chrom_4_889535	Ca_desi_chr04	889535	[C/G]	NA
Ca_Desi_Chrom_4_889538	Ca_desi_chr04	889538	[T/C]	NA
Ca_Desi_Chrom_4_908522	Ca_desi_chr04	908522	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_937980	Ca_desi_chr04	937980	[A/T]	NA
Ca_Desi_Chrom_4_988768	Ca_desi_chr04	988768	[T/C]	NA
Ca_Desi_Chrom_4_988774	Ca_desi_chr04	988774	[A/C]	NA
Ca_Desi_Chrom_4_1018475	Ca_desi_chr04	1018475	[A/G]	NA
Ca_Desi_Chrom_4_1022130	Ca_desi_chr04	1022130	[T/C]	NA
Ca_Desi_Chrom_4_1022131	Ca_desi_chr04	1022131	[G/T]	NA
Ca_Desi_Chrom_4_1104662	Ca_desi_chr04	1104662	[A/G]	NA
Ca_Desi_Chrom_4_1104670	Ca_desi_chr04	1104670	[T/C]	NA
Ca_Desi_Chrom_4_1104677	Ca_desi_chr04	1104677	[T/G]	NA
Ca_Desi_Chrom_4_1104683	Ca_desi_chr04	1104683	[A/C]	NA
Ca_Desi_Chrom_4_1104692	Ca_desi_chr04	1104692	[T/C]	NA
Ca_Desi_Chrom_4_1104703	Ca_desi_chr04	1104703	[T/C]	NA
Ca_Desi_Chrom_4_1104705	Ca_desi_chr04	1104705	[A/G]	NA
Ca_Desi_Chrom_4_1104721	Ca_desi_chr04	1104721	[T/C]	NA
Ca_Desi_Chrom_4_1104818	Ca_desi_chr04	1104818	[A/T]	NA
Ca_Desi_Chrom_4_1213556	Ca_desi_chr04	1213556	[C/T]	NA
Ca_Desi_Chrom_4_1224856	Ca_desi_chr04	1224856	[C/T]	NA
Ca_Desi_Chrom_4_1225164	Ca_desi_chr04	1225164	[G/A]	NA
Ca_Desi_Chrom_4_1225194	Ca_desi_chr04	1225194	[T/C]	NA
Ca_Desi_Chrom_4_1225198	Ca_desi_chr04	1225198	[A/T]	NA
Ca_Desi_Chrom_4_1225209	Ca_desi_chr04	1225209	[A/C]	NA
Ca_Desi_Chrom_4_1225214	Ca_desi_chr04	1225214	[T/G]	NA
Ca_Desi_Chrom_4_1226703	Ca_desi_chr04	1226703	[A/C]	NA
Ca_Desi_Chrom_4_1227379	Ca_desi_chr04	1227379	[A/C]	NA
Ca_Desi_Chrom_4_1228415	Ca_desi_chr04	1228415	[A/C]	NA
Ca_Desi_Chrom_4_1228422	Ca_desi_chr04	1228422	[C/A]	NA
Ca_Desi_Chrom_4_1228423	Ca_desi_chr04	1228423	[T/G]	NA
Ca_Desi_Chrom_4_1228424	Ca_desi_chr04	1228424	[T/A]	NA
Ca_Desi_Chrom_4_1228477	Ca_desi_chr04	1228477	[A/C]	NA
Ca_Desi_Chrom_4_1228490	Ca_desi_chr04	1228490	[T/C]	NA
Ca_Desi_Chrom_4_1228507	Ca_desi_chr04	1228507	[A/G]	NA
Ca_Desi_Chrom_4_1291858	Ca_desi_chr04	1291858	[T/G]	NA
Ca_Desi_Chrom_4_1323272	Ca_desi_chr04	1323272	[A/G]	NA
Ca_Desi_Chrom_4_1323273	Ca_desi_chr04	1323273	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_1323281	Ca_desi_chr04	1323281	[T/C]	NA
Ca_Desi_Chrom_4_1323295	Ca_desi_chr04	1323295	[T/A]	NA
Ca_Desi_Chrom_4_1323302	Ca_desi_chr04	1323302	[C/A]	NA
Ca_Desi_Chrom_4_1323358	Ca_desi_chr04	1323358	[T/G]	NA
Ca_Desi_Chrom_4_1324130	Ca_desi_chr04	1324130	[T/G]	NA
Ca_Desi_Chrom_4_1324142	Ca_desi_chr04	1324142	[T/G]	NA
Ca_Desi_Chrom_4_1324156	Ca_desi_chr04	1324156	[G/A]	NA
Ca_Desi_Chrom_4_1400955	Ca_desi_chr04	1400955	[C/A]	NA
Ca_Desi_Chrom_4_1400956	Ca_desi_chr04	1400956	[A/G]	NA
Ca_Desi_Chrom_4_1414209	Ca_desi_chr04	1414209	[T/G]	NA
Ca_Desi_Chrom_4_1414218	Ca_desi_chr04	1414218	[T/G]	NA
Ca_Desi_Chrom_4_1414223	Ca_desi_chr04	1414223	[T/G]	NA
Ca_Desi_Chrom_4_1414231	Ca_desi_chr04	1414231	[A/C]	NA
Ca_Desi_Chrom_4_1770546	Ca_desi_chr04	1770546	[A/C]	NA
Ca_Desi_Chrom_4_1798668	Ca_desi_chr04	1798668	[T/G]	NA
Ca_Desi_Chrom_4_1826373	Ca_desi_chr04	1826373	[G/T]	NA
Ca_Desi_Chrom_4_1929722	Ca_desi_chr04	1929722	[A/C]	NA
Ca_Desi_Chrom_4_2040754	Ca_desi_chr04	2040754	[T/G]	NA
Ca_Desi_Chrom_4_2051124	Ca_desi_chr04	2051124	[T/C]	NA
Ca_Desi_Chrom_4_2057214	Ca_desi_chr04	2057214	[A/G]	NA
Ca_Desi_Chrom_4_2057278	Ca_desi_chr04	2057278	[T/C]	NA
Ca_Desi_Chrom_4_2057299	Ca_desi_chr04	2057299	[T/C]	NA
Ca_Desi_Chrom_4_2057309	Ca_desi_chr04	2057309	[A/G]	NA
Ca_Desi_Chrom_4_2057324	Ca_desi_chr04	2057324	[T/C]	NA
Ca_Desi_Chrom_4_2057337	Ca_desi_chr04	2057337	[A/G]	NA
Ca_Desi_Chrom_4_2172640	Ca_desi_chr04	2172640	[C/T]	NA
Ca_Desi_Chrom_4_2172655	Ca_desi_chr04	2172655	[G/A]	NA
Ca_Desi_Chrom_4_2174884	Ca_desi_chr04	2174884	[A/G]	NA
Ca_Desi_Chrom_4_2174886	Ca_desi_chr04	2174886	[G/T]	NA
Ca_Desi_Chrom_4_2181555	Ca_desi_chr04	2181555	[C/T]	NA
Ca_Desi_Chrom_4_2181568	Ca_desi_chr04	2181568	[G/A]	NA
Ca_Desi_Chrom_4_2181583	Ca_desi_chr04	2181583	[T/C]	NA
Ca_Desi_Chrom_4_2181587	Ca_desi_chr04	2181587	[G/A]	NA
Ca_Desi_Chrom_4_2363586	Ca_desi_chr04	2363586	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_2391174	Ca_desi_chr04	2391174	[A/G]	NA
Ca_Desi_Chrom_4_2391280	Ca_desi_chr04	2391280	[C/T]	NA
Ca_Desi_Chrom_4_2391300	Ca_desi_chr04	2391300	[A/C]	NA
Ca_Desi_Chrom_4_2396211	Ca_desi_chr04	2396211	[A/G]	NA
Ca_Desi_Chrom_4_2396248	Ca_desi_chr04	2396248	[A/G]	NA
Ca_Desi_Chrom_4_2396431	Ca_desi_chr04	2396431	[T/G]	NA
Ca_Desi_Chrom_4_2396436	Ca_desi_chr04	2396436	[T/C]	NA
Ca_Desi_Chrom_4_2396520	Ca_desi_chr04	2396520	[T/G]	NA
Ca_Desi_Chrom_4_2396528	Ca_desi_chr04	2396528	[A/C]	NA
Ca_Desi_Chrom_4_2396547	Ca_desi_chr04	2396547	[T/G]	NA
Ca_Desi_Chrom_4_2396629	Ca_desi_chr04	2396629	[T/G]	NA
Ca_Desi_Chrom_4_2396679	Ca_desi_chr04	2396679	[C/T]	NA
Ca_Desi_Chrom_4_2396689	Ca_desi_chr04	2396689	[A/C]	NA
Ca_Desi_Chrom_4_2396695	Ca_desi_chr04	2396695	[A/C]	NA
Ca_Desi_Chrom_4_2396705	Ca_desi_chr04	2396705	[G/A]	NA
Ca_Desi_Chrom_4_2397043	Ca_desi_chr04	2397043	[C/A]	NA
Ca_Desi_Chrom_4_2410917	Ca_desi_chr04	2410917	[G/C]	NA
Ca_Desi_Chrom_4_2410949	Ca_desi_chr04	2410949	[A/T]	NA
Ca_Desi_Chrom_4_2410950	Ca_desi_chr04	2410950	[A/C]	NA
Ca_Desi_Chrom_4_2410951	Ca_desi_chr04	2410951	[G/T]	NA
Ca_Desi_Chrom_4_2410996	Ca_desi_chr04	2410996	[A/C]	NA
Ca_Desi_Chrom_4_2412911	Ca_desi_chr04	2412911	[T/C]	NA
Ca_Desi_Chrom_4_2413091	Ca_desi_chr04	2413091	[C/T]	NA
Ca_Desi_Chrom_4_2416463	Ca_desi_chr04	2416463	[C/A]	NA
Ca_Desi_Chrom_4_2416464	Ca_desi_chr04	2416464	[A/G]	NA
Ca_Desi_Chrom_4_2449602	Ca_desi_chr04	2449602	[T/A]	NA
Ca_Desi_Chrom_4_2450642	Ca_desi_chr04	2450642	[G/A]	NA
Ca_Desi_Chrom_4_2451122	Ca_desi_chr04	2451122	[A/G]	NA
Ca_Desi_Chrom_4_2451258	Ca_desi_chr04	2451258	[A/G]	NA
Ca_Desi_Chrom_4_2456945	Ca_desi_chr04	2456945	[C/T]	NA
Ca_Desi_Chrom_4_2457952	Ca_desi_chr04	2457952	[A/G]	NA
Ca_Desi_Chrom_4_2457958	Ca_desi_chr04	2457958	[A/C]	NA
Ca_Desi_Chrom_4_2457985	Ca_desi_chr04	2457985	[A/C]	NA
Ca_Desi_Chrom_4_2463339	Ca_desi_chr04	2463339	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_2464105	Ca_desi_chr04	2464105	[G/T]	NA
Ca_Desi_Chrom_4_2464106	Ca_desi_chr04	2464106	[A/C]	NA
Ca_Desi_Chrom_4_2464107	Ca_desi_chr04	2464107	[G/T]	NA
Ca_Desi_Chrom_4_2464122	Ca_desi_chr04	2464122	[C/A]	NA
Ca_Desi_Chrom_4_2479967	Ca_desi_chr04	2479967	[A/G]	NA
Ca_Desi_Chrom_4_2481151	Ca_desi_chr04	2481151	[A/T]	NA
Ca_Desi_Chrom_4_2481165	Ca_desi_chr04	2481165	[T/A]	NA
Ca_Desi_Chrom_4_2489929	Ca_desi_chr04	2489929	[T/C]	NA
Ca_Desi_Chrom_4_2490877	Ca_desi_chr04	2490877	[A/T]	NA
Ca_Desi_Chrom_4_2507278	Ca_desi_chr04	2507278	[A/T]	NA
Ca_Desi_Chrom_4_2507304	Ca_desi_chr04	2507304	[T/C]	NA
Ca_Desi_Chrom_4_2511841	Ca_desi_chr04	2511841	[G/T]	NA
Ca_Desi_Chrom_4_2511853	Ca_desi_chr04	2511853	[C/T]	NA
Ca_Desi_Chrom_4_2511894	Ca_desi_chr04	2511894	[T/C]	NA
Ca_Desi_Chrom_4_2511901	Ca_desi_chr04	2511901	[A/G]	NA
Ca_Desi_Chrom_4_2511906	Ca_desi_chr04	2511906	[A/G]	NA
Ca_Desi_Chrom_4_2511911	Ca_desi_chr04	2511911	[A/G]	NA
Ca_Desi_Chrom_4_2511913	Ca_desi_chr04	2511913	[A/G]	NA
Ca_Desi_Chrom_4_2511924	Ca_desi_chr04	2511924	[T/G]	NA
Ca_Desi_Chrom_4_2511932	Ca_desi_chr04	2511932	[A/G]	NA
Ca_Desi_Chrom_4_2511937	Ca_desi_chr04	2511937	[T/C]	NA
Ca_Desi_Chrom_4_2527581	Ca_desi_chr04	2527581	[G/A]	NA
Ca_Desi_Chrom_4_2547432	Ca_desi_chr04	2547432	[T/C]	NA
Ca_Desi_Chrom_4_2548472	Ca_desi_chr04	2548472	[T/A]	NA
Ca_Desi_Chrom_4_2609258	Ca_desi_chr04	2609258	[T/G]	NA
Ca_Desi_Chrom_4_2620933	Ca_desi_chr04	2620933	[T/A]	NA
Ca_Desi_Chrom_4_2620965	Ca_desi_chr04	2620965	[T/G]	NA
Ca_Desi_Chrom_4_2620974	Ca_desi_chr04	2620974	[A/G]	NA
Ca_Desi_Chrom_4_2692233	Ca_desi_chr04	2692233	[C/A]	NA
Ca_Desi_Chrom_4_2692234	Ca_desi_chr04	2692234	[T/G]	NA
Ca_Desi_Chrom_4_2692243	Ca_desi_chr04	2692243	[T/A]	NA
Ca_Desi_Chrom_4_2694573	Ca_desi_chr04	2694573	[A/C]	NA
Ca_Desi_Chrom_4_2750818	Ca_desi_chr04	2750818	[C/T]	NA
Ca_Desi_Chrom_4_2750844	Ca_desi_chr04	2750844	[G/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_2750863	Ca_desi_chr04	2750863	[A/C]	NA
Ca_Desi_Chrom_4_2751571	Ca_desi_chr04	2751571	[G/T]	NA
Ca_Desi_Chrom_4_2761588	Ca_desi_chr04	2761588	[C/T]	NA
Ca_Desi_Chrom_4_2761592	Ca_desi_chr04	2761592	[G/A]	NA
Ca_Desi_Chrom_4_2761601	Ca_desi_chr04	2761601	[A/G]	NA
Ca_Desi_Chrom_4_2793481	Ca_desi_chr04	2793481	[G/A]	NA
Ca_Desi_Chrom_4_2812659	Ca_desi_chr04	2812659	[T/G]	NA
Ca_Desi_Chrom_4_2812775	Ca_desi_chr04	2812775	[C/T]	NA
Ca_Desi_Chrom_4_2873185	Ca_desi_chr04	2873185	[C/T]	NA
Ca_Desi_Chrom_4_2882614	Ca_desi_chr04	2882614	[T/A]	NA
Ca_Desi_Chrom_4_2882615	Ca_desi_chr04	2882615	[A/C]	NA
Ca_Desi_Chrom_4_2906536	Ca_desi_chr04	2906536	[A/T]	NA
Ca_Desi_Chrom_4_2977378	Ca_desi_chr04	2977378	[C/T]	NA
Ca_Desi_Chrom_4_2978413	Ca_desi_chr04	2978413	[T/C]	NA
Ca_Desi_Chrom_4_2978459	Ca_desi_chr04	2978459	[A/T]	NA
Ca_Desi_Chrom_4_2987115	Ca_desi_chr04	2987115	[A/T]	NA
Ca_Desi_Chrom_4_2990741	Ca_desi_chr04	2990741	[T/A]	NA
Ca_Desi_Chrom_4_2991777	Ca_desi_chr04	2991777	[A/C]	NA
Ca_Desi_Chrom_4_2991804	Ca_desi_chr04	2991804	[C/A]	NA
Ca_Desi_Chrom_4_2997005	Ca_desi_chr04	2997005	[C/T]	NA
Ca_Desi_Chrom_4_2997017	Ca_desi_chr04	2997017	[C/T]	NA
Ca_Desi_Chrom_4_2997039	Ca_desi_chr04	2997039	[G/C]	NA
Ca_Desi_Chrom_4_2997431	Ca_desi_chr04	2997431	[C/T]	NA
Ca_Desi_Chrom_4_3009470	Ca_desi_chr04	3009470	[A/G]	NA
Ca_Desi_Chrom_4_3009471	Ca_desi_chr04	3009471	[C/T]	NA
Ca_Desi_Chrom_4_3010593	Ca_desi_chr04	3010593	[A/G]	NA
Ca_Desi_Chrom_4_3012464	Ca_desi_chr04	3012464	[G/C]	NA
Ca_Desi_Chrom_4_3035000	Ca_desi_chr04	3035000	[A/T]	NA
Ca_Desi_Chrom_4_3035085	Ca_desi_chr04	3035085	[C/T]	NA
Ca_Desi_Chrom_4_3035131	Ca_desi_chr04	3035131	[G/C]	NA
Ca_Desi_Chrom_4_3055686	Ca_desi_chr04	3055686	[A/C]	NA
Ca_Desi_Chrom_4_3055803	Ca_desi_chr04	3055803	[T/C]	NA
Ca_Desi_Chrom_4_3055868	Ca_desi_chr04	3055868	[T/C]	NA
Ca_Desi_Chrom_4_3057462	Ca_desi_chr04	3057462	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_3063851	Ca_desi_chr04	3063851	[G/T]	NA
Ca_Desi_Chrom_4_3063929	Ca_desi_chr04	3063929	[C/T]	NA
Ca_Desi_Chrom_4_3070931	Ca_desi_chr04	3070931	[G/A]	NA
Ca_Desi_Chrom_4_3076119	Ca_desi_chr04	3076119	[G/A]	NA
Ca_Desi_Chrom_4_3077529	Ca_desi_chr04	3077529	[C/A]	NA
Ca_Desi_Chrom_4_3077536	Ca_desi_chr04	3077536	[A/G]	NA
Ca_Desi_Chrom_4_3077546	Ca_desi_chr04	3077546	[A/G]	NA
Ca_Desi_Chrom_4_3077547	Ca_desi_chr04	3077547	[A/G]	NA
Ca_Desi_Chrom_4_3077570	Ca_desi_chr04	3077570	[A/G]	NA
Ca_Desi_Chrom_4_3081906	Ca_desi_chr04	3081906	[T/C]	NA
Ca_Desi_Chrom_4_3123418	Ca_desi_chr04	3123418	[C/T]	NA
Ca_Desi_Chrom_4_3147919	Ca_desi_chr04	3147919	[A/G]	NA
Ca_Desi_Chrom_4_3147921	Ca_desi_chr04	3147921	[A/C]	NA
Ca_Desi_Chrom_4_3147922	Ca_desi_chr04	3147922	[C/A]	NA
Ca_Desi_Chrom_4_3147925	Ca_desi_chr04	3147925	[T/C]	NA
Ca_Desi_Chrom_4_3147933	Ca_desi_chr04	3147933	[A/C]	NA
Ca_Desi_Chrom_4_3147939	Ca_desi_chr04	3147939	[A/G]	NA
Ca_Desi_Chrom_4_3147959	Ca_desi_chr04	3147959	[T/C]	NA
Ca_Desi_Chrom_4_3152370	Ca_desi_chr04	3152370	[A/C]	NA
Ca_Desi_Chrom_4_3152371	Ca_desi_chr04	3152371	[G/C]	NA
Ca_Desi_Chrom_4_3163412	Ca_desi_chr04	3163412	[A/G]	NA
Ca_Desi_Chrom_4_3163422	Ca_desi_chr04	3163422	[A/G]	NA
Ca_Desi_Chrom_4_3163432	Ca_desi_chr04	3163432	[A/C]	NA
Ca_Desi_Chrom_4_3163449	Ca_desi_chr04	3163449	[T/G]	NA
Ca_Desi_Chrom_4_3163451	Ca_desi_chr04	3163451	[T/C]	NA
Ca_Desi_Chrom_4_3248622	Ca_desi_chr04	3248622	[A/G]	NA
Ca_Desi_Chrom_4_3248640	Ca_desi_chr04	3248640	[T/A]	NA
Ca_Desi_Chrom_4_3248802	Ca_desi_chr04	3248802	[T/G]	NA
Ca_Desi_Chrom_4_3248832	Ca_desi_chr04	3248832	[T/G]	NA
Ca_Desi_Chrom_4_3326279	Ca_desi_chr04	3326279	[G/A]	NA
Ca_Desi_Chrom_4_3326281	Ca_desi_chr04	3326281	[T/G]	NA
Ca_Desi_Chrom_4_3326283	Ca_desi_chr04	3326283	[A/G]	NA
Ca_Desi_Chrom_4_3326298	Ca_desi_chr04	3326298	[T/G]	NA
Ca_Desi_Chrom_4_3343775	Ca_desi_chr04	3343775	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_3367557	Ca_desi_chr04	3367557	[A/G]	NA
Ca_Desi_Chrom_4_3369431	Ca_desi_chr04	3369431	[T/G]	NA
Ca_Desi_Chrom_4_3379061	Ca_desi_chr04	3379061	[G/A]	NA
Ca_Desi_Chrom_4_3379084	Ca_desi_chr04	3379084	[T/C]	NA
Ca_Desi_Chrom_4_3412898	Ca_desi_chr04	3412898	[A/C]	NA
Ca_Desi_Chrom_4_3412921	Ca_desi_chr04	3412921	[A/G]	NA
Ca_Desi_Chrom_4_3414893	Ca_desi_chr04	3414893	[T/G]	NA
Ca_Desi_Chrom_4_3505903	Ca_desi_chr04	3505903	[T/G]	NA
Ca_Desi_Chrom_4_3521277	Ca_desi_chr04	3521277	[A/G]	NA
Ca_Desi_Chrom_4_3530482	Ca_desi_chr04	3530482	[A/G]	NA
Ca_Desi_Chrom_4_3530510	Ca_desi_chr04	3530510	[A/C]	NA
Ca_Desi_Chrom_4_3530522	Ca_desi_chr04	3530522	[A/C]	NA
Ca_Desi_Chrom_4_3530532	Ca_desi_chr04	3530532	[A/G]	NA
Ca_Desi_Chrom_4_3530535	Ca_desi_chr04	3530535	[T/C]	NA
Ca_Desi_Chrom_4_3530537	Ca_desi_chr04	3530537	[T/A]	NA
Ca_Desi_Chrom_4_3530546	Ca_desi_chr04	3530546	[T/C]	NA
Ca_Desi_Chrom_4_3530549	Ca_desi_chr04	3530549	[T/A]	NA
Ca_Desi_Chrom_4_3859413	Ca_desi_chr04	3859413	[T/C]	NA
Ca_Desi_Chrom_4_3871014	Ca_desi_chr04	3871014	[A/C]	NA
Ca_Desi_Chrom_4_3871024	Ca_desi_chr04	3871024	[A/G]	NA
Ca_Desi_Chrom_4_3875097	Ca_desi_chr04	3875097	[T/C]	NA
Ca_Desi_Chrom_4_3875100	Ca_desi_chr04	3875100	[C/A]	NA
Ca_Desi_Chrom_4_3875312	Ca_desi_chr04	3875312	[A/C]	NA
Ca_Desi_Chrom_4_3875332	Ca_desi_chr04	3875332	[G/A]	NA
Ca_Desi_Chrom_4_3882524	Ca_desi_chr04	3882524	[T/C]	NA
Ca_Desi_Chrom_4_3904046	Ca_desi_chr04	3904046	[T/G]	NA
Ca_Desi_Chrom_4_3954836	Ca_desi_chr04	3954836	[G/A]	NA
Ca_Desi_Chrom_4_3955413	Ca_desi_chr04	3955413	[T/G]	NA
Ca_Desi_Chrom_4_3977839	Ca_desi_chr04	3977839	[A/C]	NA
Ca_Desi_Chrom_4_3977996	Ca_desi_chr04	3977996	[C/T]	NA
Ca_Desi_Chrom_4_3978024	Ca_desi_chr04	3978024	[T/C]	NA
Ca_Desi_Chrom_4_3978121	Ca_desi_chr04	3978121	[C/G]	NA
Ca_Desi_Chrom_4_4013763	Ca_desi_chr04	4013763	[A/T]	NA
Ca_Desi_Chrom_4_4018921	Ca_desi_chr04	4018921	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_4018931	Ca_desi_chr04	4018931	[A/G]	NA
Ca_Desi_Chrom_4_4018936	Ca_desi_chr04	4018936	[A/G]	NA
Ca_Desi_Chrom_4_4028415	Ca_desi_chr04	4028415	[A/G]	NA
Ca_Desi_Chrom_4_4028417	Ca_desi_chr04	4028417	[A/G]	NA
Ca_Desi_Chrom_4_4053275	Ca_desi_chr04	4053275	[T/C]	NA
Ca_Desi_Chrom_4_4053375	Ca_desi_chr04	4053375	[C/A]	NA
Ca_Desi_Chrom_4_4053376	Ca_desi_chr04	4053376	[T/G]	NA
Ca_Desi_Chrom_4_4087180	Ca_desi_chr04	4087180	[A/G]	NA
Ca_Desi_Chrom_4_4087191	Ca_desi_chr04	4087191	[A/G]	NA
Ca_Desi_Chrom_4_4087209	Ca_desi_chr04	4087209	[C/T]	NA
Ca_Desi_Chrom_4_4087248	Ca_desi_chr04	4087248	[T/G]	NA
Ca_Desi_Chrom_4_4087269	Ca_desi_chr04	4087269	[C/T]	NA
Ca_Desi_Chrom_4_4087272	Ca_desi_chr04	4087272	[C/T]	NA
Ca_Desi_Chrom_4_4102802	Ca_desi_chr04	4102802	[C/T]	NA
Ca_Desi_Chrom_4_4116022	Ca_desi_chr04	4116022	[T/C]	NA
Ca_Desi_Chrom_4_4116300	Ca_desi_chr04	4116300	[A/G]	NA
Ca_Desi_Chrom_4_4219005	Ca_desi_chr04	4219005	[A/C]	NA
Ca_Desi_Chrom_4_4219027	Ca_desi_chr04	4219027	[A/C]	NA
Ca_Desi_Chrom_4_4219042	Ca_desi_chr04	4219042	[A/C]	NA
Ca_Desi_Chrom_4_4273941	Ca_desi_chr04	4273941	[A/C]	NA
Ca_Desi_Chrom_4_4492198	Ca_desi_chr04	4492198	[A/C]	NA
Ca_Desi_Chrom_4_4531349	Ca_desi_chr04	4531349	[T/G]	NA
Ca_Desi_Chrom_4_4531357	Ca_desi_chr04	4531357	[A/G]	NA
Ca_Desi_Chrom_4_4592740	Ca_desi_chr04	4592740	[T/A]	NA
Ca_Desi_Chrom_4_4592803	Ca_desi_chr04	4592803	[A/T]	NA
Ca_Desi_Chrom_4_4592814	Ca_desi_chr04	4592814	[T/G]	NA
Ca_Desi_Chrom_4_4592822	Ca_desi_chr04	4592822	[T/C]	NA
Ca_Desi_Chrom_4_4601772	Ca_desi_chr04	4601772	[A/T]	NA
Ca_Desi_Chrom_4_4606607	Ca_desi_chr04	4606607	[A/G]	NA
Ca_Desi_Chrom_4_4606612	Ca_desi_chr04	4606612	[A/G]	NA
Ca_Desi_Chrom_4_4606617	Ca_desi_chr04	4606617	[A/G]	NA
Ca_Desi_Chrom_4_4606623	Ca_desi_chr04	4606623	[T/G]	NA
Ca_Desi_Chrom_4_4606631	Ca_desi_chr04	4606631	[A/C]	NA
Ca_Desi_Chrom_4_4606650	Ca_desi_chr04	4606650	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_4606668	Ca_desi_chr04	4606668	[T/C]	NA
Ca_Desi_Chrom_4_4613305	Ca_desi_chr04	4613305	[A/G]	NA
Ca_Desi_Chrom_4_4613309	Ca_desi_chr04	4613309	[T/C]	NA
Ca_Desi_Chrom_4_4613333	Ca_desi_chr04	4613333	[T/C]	NA
Ca_Desi_Chrom_4_4613619	Ca_desi_chr04	4613619	[A/C]	NA
Ca_Desi_Chrom_4_4613639	Ca_desi_chr04	4613639	[A/C]	NA
Ca_Desi_Chrom_4_4613648	Ca_desi_chr04	4613648	[A/C]	NA
Ca_Desi_Chrom_4_4652989	Ca_desi_chr04	4652989	[A/G]	NA
Ca_Desi_Chrom_4_4653036	Ca_desi_chr04	4653036	[A/C]	NA
Ca_Desi_Chrom_4_4656183	Ca_desi_chr04	4656183	[C/A]	NA
Ca_Desi_Chrom_4_4687385	Ca_desi_chr04	4687385	[T/C]	NA
Ca_Desi_Chrom_4_4687388	Ca_desi_chr04	4687388	[C/G]	NA
Ca_Desi_Chrom_4_4690429	Ca_desi_chr04	4690429	[T/G]	NA
Ca_Desi_Chrom_4_4701443	Ca_desi_chr04	4701443	[T/A]	NA
Ca_Desi_Chrom_4_4701545	Ca_desi_chr04	4701545	[C/G]	NA
Ca_Desi_Chrom_4_4714619	Ca_desi_chr04	4714619	[A/C]	NA
Ca_Desi_Chrom_4_4765059	Ca_desi_chr04	4765059	[A/T]	NA
Ca_Desi_Chrom_4_4765096	Ca_desi_chr04	4765096	[C/G]	NA
Ca_Desi_Chrom_4_4768275	Ca_desi_chr04	4768275	[T/G]	NA
Ca_Desi_Chrom_4_4768373	Ca_desi_chr04	4768373	[T/C]	NA
Ca_Desi_Chrom_4_4768397	Ca_desi_chr04	4768397	[C/A]	NA
Ca_Desi_Chrom_4_4768614	Ca_desi_chr04	4768614	[G/A]	NA
Ca_Desi_Chrom_4_4769567	Ca_desi_chr04	4769567	[G/A]	NA
Ca_Desi_Chrom_4_4769570	Ca_desi_chr04	4769570	[G/A]	NA
Ca_Desi_Chrom_4_4771448	Ca_desi_chr04	4771448	[T/C]	NA
Ca_Desi_Chrom_4_4771473	Ca_desi_chr04	4771473	[T/A]	NA
Ca_Desi_Chrom_4_4771490	Ca_desi_chr04	4771490	[C/T]	NA
Ca_Desi_Chrom_4_4771528	Ca_desi_chr04	4771528	[G/T]	NA
Ca_Desi_Chrom_4_4771544	Ca_desi_chr04	4771544	[A/C]	NA
Ca_Desi_Chrom_4_4771545	Ca_desi_chr04	4771545	[C/A]	NA
Ca_Desi_Chrom_4_4771546	Ca_desi_chr04	4771546	[A/C]	NA
Ca_Desi_Chrom_4_4771548	Ca_desi_chr04	4771548	[A/T]	NA
Ca_Desi_Chrom_4_4771549	Ca_desi_chr04	4771549	[T/A]	NA
Ca_Desi_Chrom_4_4771738	Ca_desi_chr04	4771738	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_4817421	Ca_desi_chr04	4817421	[T/C]	NA
Ca_Desi_Chrom_4_4817433	Ca_desi_chr04	4817433	[C/G]	NA
Ca_Desi_Chrom_4_4817578	Ca_desi_chr04	4817578	[T/G]	NA
Ca_Desi_Chrom_4_4817638	Ca_desi_chr04	4817638	[T/C]	NA
Ca_Desi_Chrom_4_4837373	Ca_desi_chr04	4837373	[T/G]	NA
Ca_Desi_Chrom_4_4837602	Ca_desi_chr04	4837602	[A/G]	NA
Ca_Desi_Chrom_4_4837616	Ca_desi_chr04	4837616	[A/G]	NA
Ca_Desi_Chrom_4_4848482	Ca_desi_chr04	4848482	[A/T]	NA
Ca_Desi_Chrom_4_4848730	Ca_desi_chr04	4848730	[G/A]	NA
Ca_Desi_Chrom_4_4848762	Ca_desi_chr04	4848762	[G/A]	NA
Ca_Desi_Chrom_4_4878419	Ca_desi_chr04	4878419	[C/T]	NA
Ca_Desi_Chrom_4_4878479	Ca_desi_chr04	4878479	[G/A]	NA
Ca_Desi_Chrom_4_4884064	Ca_desi_chr04	4884064	[T/C]	NA
Ca_Desi_Chrom_4_4905849	Ca_desi_chr04	4905849	[G/A]	NA
Ca_Desi_Chrom_4_4909312	Ca_desi_chr04	4909312	[C/A]	NA
Ca_Desi_Chrom_4_4913686	Ca_desi_chr04	4913686	[C/G]	NA
Ca_Desi_Chrom_4_4936836	Ca_desi_chr04	4936836	[G/A]	NA
Ca_Desi_Chrom_4_4939952	Ca_desi_chr04	4939952	[C/T]	NA
Ca_Desi_Chrom_4_4955046	Ca_desi_chr04	4955046	[C/G]	NA
Ca_Desi_Chrom_4_4955066	Ca_desi_chr04	4955066	[A/G]	NA
Ca_Desi_Chrom_4_4955282	Ca_desi_chr04	4955282	[T/A]	NA
Ca_Desi_Chrom_4_5027928	Ca_desi_chr04	5027928	[C/T]	NA
Ca_Desi_Chrom_4_5028184	Ca_desi_chr04	5028184	[C/T]	NA
Ca_Desi_Chrom_4_5096410	Ca_desi_chr04	5096410	[A/G]	NA
Ca_Desi_Chrom_4_5096422	Ca_desi_chr04	5096422	[T/A]	NA
Ca_Desi_Chrom_4_5097092	Ca_desi_chr04	5097092	[G/A]	NA
Ca_Desi_Chrom_4_5097206	Ca_desi_chr04	5097206	[C/A]	NA
Ca_Desi_Chrom_4_5183254	Ca_desi_chr04	5183254	[A/G]	NA
Ca_Desi_Chrom_4_5407138	Ca_desi_chr04	5407138	[A/G]	NA
Ca_Desi_Chrom_4_5407150	Ca_desi_chr04	5407150	[T/A]	NA
Ca_Desi_Chrom_4_5408655	Ca_desi_chr04	5408655	[C/T]	NA
Ca_Desi_Chrom_4_5408962	Ca_desi_chr04	5408962	[C/T]	NA
Ca_Desi_Chrom_4_5410884	Ca_desi_chr04	5410884	[C/T]	NA
Ca_Desi_Chrom_4_5533565	Ca_desi_chr04	5533565	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_4_5533572	Ca_desig_chr04	5533572	[A/C]	NA
Ca_Desig_Chr_4_5533601	Ca_desig_chr04	5533601	[A/T]	NA
Ca_Desig_Chr_4_5571122	Ca_desig_chr04	5571122	[T/C]	NA
Ca_Desig_Chr_4_5571123	Ca_desig_chr04	5571123	[T/C]	NA
Ca_Desig_Chr_4_5571135	Ca_desig_chr04	5571135	[A/G]	NA
Ca_Desig_Chr_4_5571162	Ca_desig_chr04	5571162	[T/G]	NA
Ca_Desig_Chr_4_5571170	Ca_desig_chr04	5571170	[A/G]	NA
Ca_Desig_Chr_4_5610460	Ca_desig_chr04	5610460	[A/C]	NA
Ca_Desig_Chr_4_5610468	Ca_desig_chr04	5610468	[G/T]	NA
Ca_Desig_Chr_4_5610487	Ca_desig_chr04	5610487	[C/T]	NA
Ca_Desig_Chr_4_5610496	Ca_desig_chr04	5610496	[A/G]	NA
Ca_Desig_Chr_4_5678555	Ca_desig_chr04	5678555	[T/A]	NA
Ca_Desig_Chr_4_5678597	Ca_desig_chr04	5678597	[A/G]	NA
Ca_Desig_Chr_4_5678668	Ca_desig_chr04	5678668	[A/G]	NA
Ca_Desig_Chr_4_5678675	Ca_desig_chr04	5678675	[T/C]	NA
Ca_Desig_Chr_4_5678686	Ca_desig_chr04	5678686	[G/C]	NA
Ca_Desig_Chr_4_5678688	Ca_desig_chr04	5678688	[A/G]	NA
Ca_Desig_Chr_4_5678690	Ca_desig_chr04	5678690	[C/G]	NA
Ca_Desig_Chr_4_5678693	Ca_desig_chr04	5678693	[T/G]	NA
Ca_Desig_Chr_4_5678699	Ca_desig_chr04	5678699	[T/G]	NA
Ca_Desig_Chr_4_5678700	Ca_desig_chr04	5678700	[G/T]	NA
Ca_Desig_Chr_4_5678708	Ca_desig_chr04	5678708	[T/A]	NA
Ca_Desig_Chr_4_5755799	Ca_desig_chr04	5755799	[T/C]	NA
Ca_Desig_Chr_4_5755812	Ca_desig_chr04	5755812	[C/T]	NA
Ca_Desig_Chr_4_5755819	Ca_desig_chr04	5755819	[A/G]	NA
Ca_Desig_Chr_4_5755829	Ca_desig_chr04	5755829	[A/C]	NA
Ca_Desig_Chr_4_5782799	Ca_desig_chr04	5782799	[G/C]	NA
Ca_Desig_Chr_4_5798390	Ca_desig_chr04	5798390	[T/G]	NA
Ca_Desig_Chr_4_5800667	Ca_desig_chr04	5800667	[A/G]	NA
Ca_Desig_Chr_4_5800696	Ca_desig_chr04	5800696	[A/G]	NA
Ca_Desig_Chr_4_5854578	Ca_desig_chr04	5854578	[T/G]	NA
Ca_Desig_Chr_4_5854587	Ca_desig_chr04	5854587	[A/G]	NA
Ca_Desig_Chr_4_5854618	Ca_desig_chr04	5854618	[A/C]	NA
Ca_Desig_Chr_4_6008650	Ca_desig_chr04	6008650	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_6017239	Ca_desi_chr04	6017239	[A/G]	NA
Ca_Desi_Chrom_4_6017285	Ca_desi_chr04	6017285	[A/G]	NA
Ca_Desi_Chrom_4_6020659	Ca_desi_chr04	6020659	[A/G]	NA
Ca_Desi_Chrom_4_6110371	Ca_desi_chr04	6110371	[A/G]	NA
Ca_Desi_Chrom_4_6145876	Ca_desi_chr04	6145876	[A/G]	NA
Ca_Desi_Chrom_4_6278532	Ca_desi_chr04	6278532	[T/C]	NA
Ca_Desi_Chrom_4_6278534	Ca_desi_chr04	6278534	[A/G]	NA
Ca_Desi_Chrom_4_6278538	Ca_desi_chr04	6278538	[A/T]	NA
Ca_Desi_Chrom_4_6278542	Ca_desi_chr04	6278542	[T/C]	NA
Ca_Desi_Chrom_4_6278576	Ca_desi_chr04	6278576	[T/C]	NA
Ca_Desi_Chrom_4_6278587	Ca_desi_chr04	6278587	[C/A]	NA
Ca_Desi_Chrom_4_6318869	Ca_desi_chr04	6318869	[T/G]	NA
Ca_Desi_Chrom_4_6325212	Ca_desi_chr04	6325212	[T/C]	NA
Ca_Desi_Chrom_4_6325213	Ca_desi_chr04	6325213	[C/T]	NA
Ca_Desi_Chrom_4_6325277	Ca_desi_chr04	6325277	[G/T]	NA
Ca_Desi_Chrom_4_6507283	Ca_desi_chr04	6507283	[T/G]	NA
Ca_Desi_Chrom_4_6511894	Ca_desi_chr04	6511894	[A/G]	NA
Ca_Desi_Chrom_4_6511920	Ca_desi_chr04	6511920	[T/A]	NA
Ca_Desi_Chrom_4_6511927	Ca_desi_chr04	6511927	[A/G]	NA
Ca_Desi_Chrom_4_6512146	Ca_desi_chr04	6512146	[A/C]	NA
Ca_Desi_Chrom_4_6512153	Ca_desi_chr04	6512153	[A/G]	NA
Ca_Desi_Chrom_4_6512163	Ca_desi_chr04	6512163	[A/C]	NA
Ca_Desi_Chrom_4_6512183	Ca_desi_chr04	6512183	[C/G]	NA
Ca_Desi_Chrom_4_6512185	Ca_desi_chr04	6512185	[A/G]	NA
Ca_Desi_Chrom_4_6512187	Ca_desi_chr04	6512187	[T/C]	NA
Ca_Desi_Chrom_4_6521261	Ca_desi_chr04	6521261	[T/G]	NA
Ca_Desi_Chrom_4_6521349	Ca_desi_chr04	6521349	[T/C]	NA
Ca_Desi_Chrom_4_6521359	Ca_desi_chr04	6521359	[T/A]	NA
Ca_Desi_Chrom_4_6798716	Ca_desi_chr04	6798716	[T/G]	NA
Ca_Desi_Chrom_4_6935117	Ca_desi_chr04	6935117	[G/A]	NA
Ca_Desi_Chrom_4_6935151	Ca_desi_chr04	6935151	[A/G]	NA
Ca_Desi_Chrom_4_6935214	Ca_desi_chr04	6935214	[T/C]	NA
Ca_Desi_Chrom_4_6940879	Ca_desi_chr04	6940879	[A/G]	NA
Ca_Desi_Chrom_4_6940881	Ca_desi_chr04	6940881	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_7035560	Ca_desi_chr04	7035560	[A/C]	NA
Ca_Desi_Chrom_4_7035565	Ca_desi_chr04	7035565	[A/G]	NA
Ca_Desi_Chrom_4_7035566	Ca_desi_chr04	7035566	[C/T]	NA
Ca_Desi_Chrom_4_7153280	Ca_desi_chr04	7153280	[A/G]	NA
Ca_Desi_Chrom_4_7153308	Ca_desi_chr04	7153308	[G/T]	NA
Ca_Desi_Chrom_4_7153309	Ca_desi_chr04	7153309	[T/G]	NA
Ca_Desi_Chrom_4_7156704	Ca_desi_chr04	7156704	[A/G]	NA
Ca_Desi_Chrom_4_7218308	Ca_desi_chr04	7218308	[T/C]	NA
Ca_Desi_Chrom_4_7218328	Ca_desi_chr04	7218328	[A/G]	NA
Ca_Desi_Chrom_4_7218347	Ca_desi_chr04	7218347	[A/G]	NA
Ca_Desi_Chrom_4_7218357	Ca_desi_chr04	7218357	[A/G]	NA
Ca_Desi_Chrom_4_7225087	Ca_desi_chr04	7225087	[T/A]	NA
Ca_Desi_Chrom_4_7225109	Ca_desi_chr04	7225109	[A/C]	NA
Ca_Desi_Chrom_4_7225116	Ca_desi_chr04	7225116	[T/G]	NA
Ca_Desi_Chrom_4_7262111	Ca_desi_chr04	7262111	[T/A]	NA
Ca_Desi_Chrom_4_7267078	Ca_desi_chr04	7267078	[T/G]	NA
Ca_Desi_Chrom_4_7267110	Ca_desi_chr04	7267110	[T/G]	NA
Ca_Desi_Chrom_4_7347313	Ca_desi_chr04	7347313	[A/G]	NA
Ca_Desi_Chrom_4_7353061	Ca_desi_chr04	7353061	[A/T]	NA
Ca_Desi_Chrom_4_7353066	Ca_desi_chr04	7353066	[G/T]	NA
Ca_Desi_Chrom_4_7356849	Ca_desi_chr04	7356849	[A/C]	NA
Ca_Desi_Chrom_4_7395723	Ca_desi_chr04	7395723	[T/C]	NA
Ca_Desi_Chrom_4_7406408	Ca_desi_chr04	7406408	[G/C]	NA
Ca_Desi_Chrom_4_7411622	Ca_desi_chr04	7411622	[A/C]	NA
Ca_Desi_Chrom_4_7411626	Ca_desi_chr04	7411626	[T/A]	NA
Ca_Desi_Chrom_4_7411629	Ca_desi_chr04	7411629	[A/G]	NA
Ca_Desi_Chrom_4_7411730	Ca_desi_chr04	7411730	[A/C]	NA
Ca_Desi_Chrom_4_7411732	Ca_desi_chr04	7411732	[T/C]	NA
Ca_Desi_Chrom_4_7411736	Ca_desi_chr04	7411736	[T/C]	NA
Ca_Desi_Chrom_4_7411738	Ca_desi_chr04	7411738	[A/G]	NA
Ca_Desi_Chrom_4_7411741	Ca_desi_chr04	7411741	[A/G]	NA
Ca_Desi_Chrom_4_7411743	Ca_desi_chr04	7411743	[G/A]	NA
Ca_Desi_Chrom_4_7411744	Ca_desi_chr04	7411744	[A/G]	NA
Ca_Desi_Chrom_4_7411750	Ca_desi_chr04	7411750	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_7411755	Ca_desi_chr04	7411755	[A/G]	NA
Ca_Desi_Chrom_4_7411761	Ca_desi_chr04	7411761	[A/G]	NA
Ca_Desi_Chrom_4_7491358	Ca_desi_chr04	7491358	[C/A]	NA
Ca_Desi_Chrom_4_7509507	Ca_desi_chr04	7509507	[A/G]	NA
Ca_Desi_Chrom_4_7509510	Ca_desi_chr04	7509510	[A/G]	NA
Ca_Desi_Chrom_4_7519141	Ca_desi_chr04	7519141	[A/C]	NA
Ca_Desi_Chrom_4_7575953	Ca_desi_chr04	7575953	[T/G]	NA
Ca_Desi_Chrom_4_7580290	Ca_desi_chr04	7580290	[C/A]	NA
Ca_Desi_Chrom_4_7580291	Ca_desi_chr04	7580291	[C/G]	NA
Ca_Desi_Chrom_4_7580292	Ca_desi_chr04	7580292	[G/A]	NA
Ca_Desi_Chrom_4_7580293	Ca_desi_chr04	7580293	[C/T]	NA
Ca_Desi_Chrom_4_7580307	Ca_desi_chr04	7580307	[A/T]	NA
Ca_Desi_Chrom_4_7580319	Ca_desi_chr04	7580319	[T/G]	NA
Ca_Desi_Chrom_4_7601426	Ca_desi_chr04	7601426	[G/T]	NA
Ca_Desi_Chrom_4_7601513	Ca_desi_chr04	7601513	[T/C]	NA
Ca_Desi_Chrom_4_7601528	Ca_desi_chr04	7601528	[T/G]	NA
Ca_Desi_Chrom_4_7601616	Ca_desi_chr04	7601616	[G/A]	NA
Ca_Desi_Chrom_4_7601652	Ca_desi_chr04	7601652	[C/G]	NA
Ca_Desi_Chrom_4_7601659	Ca_desi_chr04	7601659	[A/G]	NA
Ca_Desi_Chrom_4_7601661	Ca_desi_chr04	7601661	[A/G]	NA
Ca_Desi_Chrom_4_7601671	Ca_desi_chr04	7601671	[A/G]	NA
Ca_Desi_Chrom_4_7601672	Ca_desi_chr04	7601672	[G/A]	NA
Ca_Desi_Chrom_4_7601673	Ca_desi_chr04	7601673	[A/G]	NA
Ca_Desi_Chrom_4_7601679	Ca_desi_chr04	7601679	[T/G]	NA
Ca_Desi_Chrom_4_7623385	Ca_desi_chr04	7623385	[A/C]	NA
Ca_Desi_Chrom_4_7625428	Ca_desi_chr04	7625428	[A/G]	NA
Ca_Desi_Chrom_4_7625450	Ca_desi_chr04	7625450	[T/A]	NA
Ca_Desi_Chrom_4_7630664	Ca_desi_chr04	7630664	[A/C]	NA
Ca_Desi_Chrom_4_7647658	Ca_desi_chr04	7647658	[G/T]	NA
Ca_Desi_Chrom_4_7649928	Ca_desi_chr04	7649928	[A/C]	NA
Ca_Desi_Chrom_4_7649941	Ca_desi_chr04	7649941	[A/C]	NA
Ca_Desi_Chrom_4_7649960	Ca_desi_chr04	7649960	[A/G]	NA
Ca_Desi_Chrom_4_7666026	Ca_desi_chr04	7666026	[T/C]	NA
Ca_Desi_Chrom_4_7674762	Ca_desi_chr04	7674762	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_7680251	Ca_desi_chr04	7680251	[A/C]	NA
Ca_Desi_Chrom_4_7730453	Ca_desi_chr04	7730453	[A/T]	NA
Ca_Desi_Chrom_4_7778309	Ca_desi_chr04	7778309	[G/A]	NA
Ca_Desi_Chrom_4_7778310	Ca_desi_chr04	7778310	[T/G]	NA
Ca_Desi_Chrom_4_7780206	Ca_desi_chr04	7780206	[T/A]	NA
Ca_Desi_Chrom_4_7780208	Ca_desi_chr04	7780208	[C/A]	NA
Ca_Desi_Chrom_4_7781961	Ca_desi_chr04	7781961	[T/C]	NA
Ca_Desi_Chrom_4_7781965	Ca_desi_chr04	7781965	[T/C]	NA
Ca_Desi_Chrom_4_7781974	Ca_desi_chr04	7781974	[T/C]	NA
Ca_Desi_Chrom_4_7781980	Ca_desi_chr04	7781980	[A/G]	NA
Ca_Desi_Chrom_4_7782109	Ca_desi_chr04	7782109	[A/C]	NA
Ca_Desi_Chrom_4_7783322	Ca_desi_chr04	7783322	[T/G]	NA
Ca_Desi_Chrom_4_7809791	Ca_desi_chr04	7809791	[A/G]	NA
Ca_Desi_Chrom_4_7809793	Ca_desi_chr04	7809793	[G/A]	NA
Ca_Desi_Chrom_4_7812668	Ca_desi_chr04	7812668	[A/G]	NA
Ca_Desi_Chrom_4_7813621	Ca_desi_chr04	7813621	[T/C]	NA
Ca_Desi_Chrom_4_7813648	Ca_desi_chr04	7813648	[T/C]	NA
Ca_Desi_Chrom_4_7813664	Ca_desi_chr04	7813664	[A/G]	NA
Ca_Desi_Chrom_4_7823729	Ca_desi_chr04	7823729	[G/T]	NA
Ca_Desi_Chrom_4_7860994	Ca_desi_chr04	7860994	[T/A]	NA
Ca_Desi_Chrom_4_7861017	Ca_desi_chr04	7861017	[A/G]	NA
Ca_Desi_Chrom_4_7885258	Ca_desi_chr04	7885258	[A/G]	NA
Ca_Desi_Chrom_4_7885263	Ca_desi_chr04	7885263	[T/G]	NA
Ca_Desi_Chrom_4_7885266	Ca_desi_chr04	7885266	[T/G]	NA
Ca_Desi_Chrom_4_7886657	Ca_desi_chr04	7886657	[T/C]	NA
Ca_Desi_Chrom_4_7886664	Ca_desi_chr04	7886664	[T/A]	NA
Ca_Desi_Chrom_4_7886670	Ca_desi_chr04	7886670	[A/G]	NA
Ca_Desi_Chrom_4_7886677	Ca_desi_chr04	7886677	[T/C]	NA
Ca_Desi_Chrom_4_7886695	Ca_desi_chr04	7886695	[T/C]	NA
Ca_Desi_Chrom_4_7886707	Ca_desi_chr04	7886707	[A/G]	NA
Ca_Desi_Chrom_4_7886711	Ca_desi_chr04	7886711	[A/T]	NA
Ca_Desi_Chrom_4_7934811	Ca_desi_chr04	7934811	[C/A]	NA
Ca_Desi_Chrom_4_7934812	Ca_desi_chr04	7934812	[C/G]	NA
Ca_Desi_Chrom_4_7934814	Ca_desi_chr04	7934814	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_7934815	Ca_desi_chr04	7934815	[G/C]	NA
Ca_Desi_Chrom_4_7983047	Ca_desi_chr04	7983047	[T/A]	NA
Ca_Desi_Chrom_4_8009915	Ca_desi_chr04	8009915	[T/C]	NA
Ca_Desi_Chrom_4_8038003	Ca_desi_chr04	8038003	[A/G]	NA
Ca_Desi_Chrom_4_8038010	Ca_desi_chr04	8038010	[A/C]	NA
Ca_Desi_Chrom_4_8063854	Ca_desi_chr04	8063854	[T/G]	NA
Ca_Desi_Chrom_4_8066412	Ca_desi_chr04	8066412	[A/G]	NA
Ca_Desi_Chrom_4_8066455	Ca_desi_chr04	8066455	[A/G]	NA
Ca_Desi_Chrom_4_8066464	Ca_desi_chr04	8066464	[T/C]	NA
Ca_Desi_Chrom_4_8066468	Ca_desi_chr04	8066468	[T/C]	NA
Ca_Desi_Chrom_4_8108885	Ca_desi_chr04	8108885	[T/C]	NA
Ca_Desi_Chrom_4_8130436	Ca_desi_chr04	8130436	[A/G]	NA
Ca_Desi_Chrom_4_8131032	Ca_desi_chr04	8131032	[T/G]	NA
Ca_Desi_Chrom_4_8131044	Ca_desi_chr04	8131044	[T/G]	NA
Ca_Desi_Chrom_4_8131052	Ca_desi_chr04	8131052	[T/G]	NA
Ca_Desi_Chrom_4_8131067	Ca_desi_chr04	8131067	[A/C]	NA
Ca_Desi_Chrom_4_8131353	Ca_desi_chr04	8131353	[T/G]	NA
Ca_Desi_Chrom_4_8131359	Ca_desi_chr04	8131359	[T/C]	NA
Ca_Desi_Chrom_4_8131371	Ca_desi_chr04	8131371	[T/C]	NA
Ca_Desi_Chrom_4_8131375	Ca_desi_chr04	8131375	[T/C]	NA
Ca_Desi_Chrom_4_8131384	Ca_desi_chr04	8131384	[T/G]	NA
Ca_Desi_Chrom_4_8131395	Ca_desi_chr04	8131395	[T/C]	NA
Ca_Desi_Chrom_4_8131398	Ca_desi_chr04	8131398	[C/G]	NA
Ca_Desi_Chrom_4_8131401	Ca_desi_chr04	8131401	[G/C]	NA
Ca_Desi_Chrom_4_8141384	Ca_desi_chr04	8141384	[A/G]	NA
Ca_Desi_Chrom_4_8146783	Ca_desi_chr04	8146783	[A/G]	NA
Ca_Desi_Chrom_4_8146813	Ca_desi_chr04	8146813	[T/G]	NA
Ca_Desi_Chrom_4_8149684	Ca_desi_chr04	8149684	[T/G]	NA
Ca_Desi_Chrom_4_8149814	Ca_desi_chr04	8149814	[C/A]	NA
Ca_Desi_Chrom_4_8150574	Ca_desi_chr04	8150574	[A/T]	NA
Ca_Desi_Chrom_4_8150597	Ca_desi_chr04	8150597	[A/G]	NA
Ca_Desi_Chrom_4_8192799	Ca_desi_chr04	8192799	[A/G]	NA
Ca_Desi_Chrom_4_8198525	Ca_desi_chr04	8198525	[T/G]	NA
Ca_Desi_Chrom_4_8198540	Ca_desi_chr04	8198540	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_8198544	Ca_desi_chr04	8198544	[T/C]	NA
Ca_Desi_Chrom_4_8199122	Ca_desi_chr04	8199122	[T/A]	NA
Ca_Desi_Chrom_4_8311192	Ca_desi_chr04	8311192	[T/G]	NA
Ca_Desi_Chrom_4_8311201	Ca_desi_chr04	8311201	[A/C]	NA
Ca_Desi_Chrom_4_8314144	Ca_desi_chr04	8314144	[T/C]	NA
Ca_Desi_Chrom_4_8323074	Ca_desi_chr04	8323074	[A/C]	NA
Ca_Desi_Chrom_4_8363099	Ca_desi_chr04	8363099	[A/C]	NA
Ca_Desi_Chrom_4_8393192	Ca_desi_chr04	8393192	[T/G]	NA
Ca_Desi_Chrom_4_8413938	Ca_desi_chr04	8413938	[T/G]	NA
Ca_Desi_Chrom_4_8413940	Ca_desi_chr04	8413940	[T/A]	NA
Ca_Desi_Chrom_4_8536781	Ca_desi_chr04	8536781	[G/A]	NA
Ca_Desi_Chrom_4_8536783	Ca_desi_chr04	8536783	[T/A]	NA
Ca_Desi_Chrom_4_8848071	Ca_desi_chr04	8848071	[T/C]	NA
Ca_Desi_Chrom_4_8848274	Ca_desi_chr04	8848274	[C/T]	NA
Ca_Desi_Chrom_4_8848318	Ca_desi_chr04	8848318	[T/G]	NA
Ca_Desi_Chrom_4_8866108	Ca_desi_chr04	8866108	[G/A]	NA
Ca_Desi_Chrom_4_8876149	Ca_desi_chr04	8876149	[G/A]	NA
Ca_Desi_Chrom_4_8884356	Ca_desi_chr04	8884356	[G/A]	NA
Ca_Desi_Chrom_4_8884501	Ca_desi_chr04	8884501	[T/A]	NA
Ca_Desi_Chrom_4_8884795	Ca_desi_chr04	8884795	[G/T]	NA
Ca_Desi_Chrom_4_8891953	Ca_desi_chr04	8891953	[A/G]	NA
Ca_Desi_Chrom_4_8892359	Ca_desi_chr04	8892359	[A/G]	NA
Ca_Desi_Chrom_4_8892369	Ca_desi_chr04	8892369	[T/C]	NA
Ca_Desi_Chrom_4_8892411	Ca_desi_chr04	8892411	[A/C]	NA
Ca_Desi_Chrom_4_8908491	Ca_desi_chr04	8908491	[A/T]	NA
Ca_Desi_Chrom_4_8913646	Ca_desi_chr04	8913646	[A/G]	NA
Ca_Desi_Chrom_4_8914102	Ca_desi_chr04	8914102	[G/A]	NA
Ca_Desi_Chrom_4_9004327	Ca_desi_chr04	9004327	[A/G]	NA
Ca_Desi_Chrom_4_9009754	Ca_desi_chr04	9009754	[T/G]	NA
Ca_Desi_Chrom_4_9009757	Ca_desi_chr04	9009757	[T/G]	NA
Ca_Desi_Chrom_4_9098900	Ca_desi_chr04	9098900	[T/G]	NA
Ca_Desi_Chrom_4_9109103	Ca_desi_chr04	9109103	[T/C]	NA
Ca_Desi_Chrom_4_9179824	Ca_desi_chr04	9179824	[T/G]	NA
Ca_Desi_Chrom_4_9179853	Ca_desi_chr04	9179853	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_9181097	Ca_desi_chr04	9181097	[T/A]	NA
Ca_Desi_Chrom_4_9181115	Ca_desi_chr04	9181115	[A/G]	NA
Ca_Desi_Chrom_4_9219351	Ca_desi_chr04	9219351	[T/A]	NA
Ca_Desi_Chrom_4_9222551	Ca_desi_chr04	9222551	[T/A]	NA
Ca_Desi_Chrom_4_9224483	Ca_desi_chr04	9224483	[T/G]	NA
Ca_Desi_Chrom_4_9224606	Ca_desi_chr04	9224606	[A/G]	NA
Ca_Desi_Chrom_4_9224613	Ca_desi_chr04	9224613	[A/C]	NA
Ca_Desi_Chrom_4_9225020	Ca_desi_chr04	9225020	[T/G]	NA
Ca_Desi_Chrom_4_9225407	Ca_desi_chr04	9225407	[T/C]	NA
Ca_Desi_Chrom_4_9225412	Ca_desi_chr04	9225412	[T/G]	NA
Ca_Desi_Chrom_4_9225421	Ca_desi_chr04	9225421	[T/G]	NA
Ca_Desi_Chrom_4_9225429	Ca_desi_chr04	9225429	[T/G]	NA
Ca_Desi_Chrom_4_9225679	Ca_desi_chr04	9225679	[T/C]	NA
Ca_Desi_Chrom_4_9225700	Ca_desi_chr04	9225700	[T/G]	NA
Ca_Desi_Chrom_4_9225706	Ca_desi_chr04	9225706	[T/G]	NA
Ca_Desi_Chrom_4_9225745	Ca_desi_chr04	9225745	[A/G]	NA
Ca_Desi_Chrom_4_9270773	Ca_desi_chr04	9270773	[G/T]	NA
Ca_Desi_Chrom_4_9338194	Ca_desi_chr04	9338194	[A/C]	NA
Ca_Desi_Chrom_4_9338211	Ca_desi_chr04	9338211	[A/C]	NA
Ca_Desi_Chrom_4_9345303	Ca_desi_chr04	9345303	[A/G]	NA
Ca_Desi_Chrom_4_9345307	Ca_desi_chr04	9345307	[A/G]	NA
Ca_Desi_Chrom_4_9345338	Ca_desi_chr04	9345338	[T/G]	NA
Ca_Desi_Chrom_4_9345340	Ca_desi_chr04	9345340	[G/T]	NA
Ca_Desi_Chrom_4_9345834	Ca_desi_chr04	9345834	[A/T]	NA
Ca_Desi_Chrom_4_9358122	Ca_desi_chr04	9358122	[T/G]	NA
Ca_Desi_Chrom_4_9358135	Ca_desi_chr04	9358135	[T/G]	NA
Ca_Desi_Chrom_4_9385944	Ca_desi_chr04	9385944	[T/C]	NA
Ca_Desi_Chrom_4_9387412	Ca_desi_chr04	9387412	[C/A]	NA
Ca_Desi_Chrom_4_9387413	Ca_desi_chr04	9387413	[C/G]	NA
Ca_Desi_Chrom_4_9387414	Ca_desi_chr04	9387414	[C/A]	NA
Ca_Desi_Chrom_4_9484411	Ca_desi_chr04	9484411	[T/G]	NA
Ca_Desi_Chrom_4_9484426	Ca_desi_chr04	9484426	[G/T]	NA
Ca_Desi_Chrom_4_9484435	Ca_desi_chr04	9484435	[G/T]	NA
Ca_Desi_Chrom_4_9494437	Ca_desi_chr04	9494437	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_9513616	Ca_desi_chr04	9513616	[T/G]	NA
Ca_Desi_Chrom_4_9561753	Ca_desi_chr04	9561753	[G/T]	NA
Ca_Desi_Chrom_4_9561761	Ca_desi_chr04	9561761	[A/T]	NA
Ca_Desi_Chrom_4_9594025	Ca_desi_chr04	9594025	[A/C]	NA
Ca_Desi_Chrom_4_9594080	Ca_desi_chr04	9594080	[T/C]	NA
Ca_Desi_Chrom_4_9594151	Ca_desi_chr04	9594151	[A/T]	NA
Ca_Desi_Chrom_4_9637313	Ca_desi_chr04	9637313	[A/C]	NA
Ca_Desi_Chrom_4_9637318	Ca_desi_chr04	9637318	[T/G]	NA
Ca_Desi_Chrom_4_9726645	Ca_desi_chr04	9726645	[A/G]	NA
Ca_Desi_Chrom_4_9726657	Ca_desi_chr04	9726657	[T/G]	NA
Ca_Desi_Chrom_4_9726673	Ca_desi_chr04	9726673	[T/C]	NA
Ca_Desi_Chrom_4_9726697	Ca_desi_chr04	9726697	[A/T]	NA
Ca_Desi_Chrom_4_9735919	Ca_desi_chr04	9735919	[T/C]	NA
Ca_Desi_Chrom_4_9747994	Ca_desi_chr04	9747994	[G/A]	NA
Ca_Desi_Chrom_4_9756394	Ca_desi_chr04	9756394	[A/G]	NA
Ca_Desi_Chrom_4_9756398	Ca_desi_chr04	9756398	[A/G]	NA
Ca_Desi_Chrom_4_9756400	Ca_desi_chr04	9756400	[T/A]	NA
Ca_Desi_Chrom_4_9756414	Ca_desi_chr04	9756414	[G/T]	NA
Ca_Desi_Chrom_4_9756420	Ca_desi_chr04	9756420	[T/C]	NA
Ca_Desi_Chrom_4_9756428	Ca_desi_chr04	9756428	[A/G]	NA
Ca_Desi_Chrom_4_9756437	Ca_desi_chr04	9756437	[A/G]	NA
Ca_Desi_Chrom_4_9756443	Ca_desi_chr04	9756443	[A/G]	NA
Ca_Desi_Chrom_4_9809512	Ca_desi_chr04	9809512	[A/C]	NA
Ca_Desi_Chrom_4_9820705	Ca_desi_chr04	9820705	[T/C]	NA
Ca_Desi_Chrom_4_9820711	Ca_desi_chr04	9820711	[T/C]	NA
Ca_Desi_Chrom_4_9834884	Ca_desi_chr04	9834884	[C/T]	NA
Ca_Desi_Chrom_4_9851330	Ca_desi_chr04	9851330	[T/A]	NA
Ca_Desi_Chrom_4_9851366	Ca_desi_chr04	9851366	[G/T]	NA
Ca_Desi_Chrom_4_9851385	Ca_desi_chr04	9851385	[G/T]	NA
Ca_Desi_Chrom_4_9851424	Ca_desi_chr04	9851424	[A/T]	NA
Ca_Desi_Chrom_4_9855664	Ca_desi_chr04	9855664	[A/C]	NA
Ca_Desi_Chrom_4_9855725	Ca_desi_chr04	9855725	[T/G]	NA
Ca_Desi_Chrom_4_9856520	Ca_desi_chr04	9856520	[G/A]	NA
Ca_Desi_Chrom_4_9856716	Ca_desi_chr04	9856716	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_9856753	Ca_desi_chrom04	9856753	[C/T]	NA
Ca_Desi_Chrom_4_9856760	Ca_desi_chrom04	9856760	[T/C]	NA
Ca_Desi_Chrom_4_9856771	Ca_desi_chrom04	9856771	[T/C]	NA
Ca_Desi_Chrom_4_9856774	Ca_desi_chrom04	9856774	[A/C]	NA
Ca_Desi_Chrom_4_9856777	Ca_desi_chrom04	9856777	[T/G]	NA
Ca_Desi_Chrom_4_9856813	Ca_desi_chrom04	9856813	[T/A]	NA
Ca_Desi_Chrom_4_9857066	Ca_desi_chrom04	9857066	[A/T]	NA
Ca_Desi_Chrom_4_9857069	Ca_desi_chrom04	9857069	[A/C]	NA
Ca_Desi_Chrom_4_9857164	Ca_desi_chrom04	9857164	[T/G]	NA
Ca_Desi_Chrom_4_9857179	Ca_desi_chrom04	9857179	[T/G]	NA
Ca_Desi_Chrom_4_9857200	Ca_desi_chrom04	9857200	[A/C]	NA
Ca_Desi_Chrom_4_9857710	Ca_desi_chrom04	9857710	[C/T]	NA
Ca_Desi_Chrom_4_9857716	Ca_desi_chrom04	9857716	[T/C]	NA
Ca_Desi_Chrom_4_9858208	Ca_desi_chrom04	9858208	[C/T]	NA
Ca_Desi_Chrom_4_9858220	Ca_desi_chrom04	9858220	[A/C]	NA
Ca_Desi_Chrom_4_9858348	Ca_desi_chrom04	9858348	[T/G]	NA
Ca_Desi_Chrom_4_9858379	Ca_desi_chrom04	9858379	[A/G]	NA
Ca_Desi_Chrom_4_9858726	Ca_desi_chrom04	9858726	[A/C]	NA
Ca_Desi_Chrom_4_9858764	Ca_desi_chrom04	9858764	[A/C]	NA
Ca_Desi_Chrom_4_9858782	Ca_desi_chrom04	9858782	[T/C]	NA
Ca_Desi_Chrom_4_9858822	Ca_desi_chrom04	9858822	[A/G]	NA
Ca_Desi_Chrom_4_9858832	Ca_desi_chrom04	9858832	[T/G]	NA
Ca_Desi_Chrom_4_9858878	Ca_desi_chrom04	9858878	[A/C]	NA
Ca_Desi_Chrom_4_9858889	Ca_desi_chrom04	9858889	[A/G]	NA
Ca_Desi_Chrom_4_9909450	Ca_desi_chrom04	9909450	[G/A]	NA
Ca_Desi_Chrom_4_9923241	Ca_desi_chrom04	9923241	[A/G]	NA
Ca_Desi_Chrom_4_9923245	Ca_desi_chrom04	9923245	[T/C]	NA
Ca_Desi_Chrom_4_9938517	Ca_desi_chrom04	9938517	[A/T]	NA
Ca_Desi_Chrom_4_9989761	Ca_desi_chrom04	9989761	[A/C]	NA
Ca_Desi_Chrom_4_9989766	Ca_desi_chrom04	9989766	[A/C]	NA
Ca_Desi_Chrom_4_9998058	Ca_desi_chrom04	9998058	[T/C]	NA
Ca_Desi_Chrom_4_9998061	Ca_desi_chrom04	9998061	[T/A]	NA
Ca_Desi_Chrom_4_10003273	Ca_desi_chrom04	10003273	[T/C]	NA
Ca_Desi_Chrom_4_10003279	Ca_desi_chrom04	10003279	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_10003290	Ca_desi_chr04	10003290	[A/G]	NA
Ca_Desi_Chrom_4_10003304	Ca_desi_chr04	10003304	[A/G]	NA
Ca_Desi_Chrom_4_10003316	Ca_desi_chr04	10003316	[A/G]	NA
Ca_Desi_Chrom_4_10036008	Ca_desi_chr04	10036008	[G/A]	NA
Ca_Desi_Chrom_4_10036010	Ca_desi_chr04	10036010	[A/G]	NA
Ca_Desi_Chrom_4_10081995	Ca_desi_chr04	10081995	[A/C]	NA
Ca_Desi_Chrom_4_10162745	Ca_desi_chr04	10162745	[A/C]	NA
Ca_Desi_Chrom_4_10162751	Ca_desi_chr04	10162751	[C/T]	NA
Ca_Desi_Chrom_4_10162917	Ca_desi_chr04	10162917	[A/C]	NA
Ca_Desi_Chrom_4_10162918	Ca_desi_chr04	10162918	[G/C]	NA
Ca_Desi_Chrom_4_10162919	Ca_desi_chr04	10162919	[A/C]	NA
Ca_Desi_Chrom_4_10229405	Ca_desi_chr04	10229405	[G/C]	NA
Ca_Desi_Chrom_4_10229406	Ca_desi_chr04	10229406	[G/T]	NA
Ca_Desi_Chrom_4_10248282	Ca_desi_chr04	10248282	[G/T]	NA
Ca_Desi_Chrom_4_10249171	Ca_desi_chr04	10249171	[T/G]	NA
Ca_Desi_Chrom_4_10249225	Ca_desi_chr04	10249225	[C/T]	NA
Ca_Desi_Chrom_4_10249247	Ca_desi_chr04	10249247	[A/T]	NA
Ca_Desi_Chrom_4_10249248	Ca_desi_chr04	10249248	[T/C]	NA
Ca_Desi_Chrom_4_10249249	Ca_desi_chr04	10249249	[G/T]	NA
Ca_Desi_Chrom_4_10249253	Ca_desi_chr04	10249253	[T/C]	NA
Ca_Desi_Chrom_4_10249319	Ca_desi_chr04	10249319	[A/G]	NA
Ca_Desi_Chrom_4_10249331	Ca_desi_chr04	10249331	[T/C]	NA
Ca_Desi_Chrom_4_10249367	Ca_desi_chr04	10249367	[T/C]	NA
Ca_Desi_Chrom_4_10291941	Ca_desi_chr04	10291941	[A/C]	NA
Ca_Desi_Chrom_4_10294037	Ca_desi_chr04	10294037	[A/G]	NA
Ca_Desi_Chrom_4_10297381	Ca_desi_chr04	10297381	[A/C]	NA
Ca_Desi_Chrom_4_10297440	Ca_desi_chr04	10297440	[T/G]	NA
Ca_Desi_Chrom_4_10297454	Ca_desi_chr04	10297454	[A/G]	NA
Ca_Desi_Chrom_4_10297457	Ca_desi_chr04	10297457	[A/C]	NA
Ca_Desi_Chrom_4_10297463	Ca_desi_chr04	10297463	[A/G]	NA
Ca_Desi_Chrom_4_10297464	Ca_desi_chr04	10297464	[T/C]	NA
Ca_Desi_Chrom_4_10297474	Ca_desi_chr04	10297474	[A/G]	NA
Ca_Desi_Chrom_4_10311544	Ca_desi_chr04	10311544	[A/G]	NA
Ca_Desi_Chrom_4_10339397	Ca_desi_chr04	10339397	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_10339669	Ca_desi_chr04	10339669	[T/C]	NA
Ca_Desi_Chrom_4_10349823	Ca_desi_chr04	10349823	[A/T]	NA
Ca_Desi_Chrom_4_10349826	Ca_desi_chr04	10349826	[G/A]	NA
Ca_Desi_Chrom_4_10349867	Ca_desi_chr04	10349867	[T/A]	NA
Ca_Desi_Chrom_4_10351636	Ca_desi_chr04	10351636	[A/G]	NA
Ca_Desi_Chrom_4_10354408	Ca_desi_chr04	10354408	[G/A]	NA
Ca_Desi_Chrom_4_10354585	Ca_desi_chr04	10354585	[A/G]	NA
Ca_Desi_Chrom_4_10356296	Ca_desi_chr04	10356296	[A/G]	NA
Ca_Desi_Chrom_4_10365321	Ca_desi_chr04	10365321	[G/T]	NA
Ca_Desi_Chrom_4_10369201	Ca_desi_chr04	10369201	[G/A]	NA
Ca_Desi_Chrom_4_10376604	Ca_desi_chr04	10376604	[C/G]	NA
Ca_Desi_Chrom_4_10378656	Ca_desi_chr04	10378656	[T/G]	NA
Ca_Desi_Chrom_4_10577049	Ca_desi_chr04	10577049	[T/G]	NA
Ca_Desi_Chrom_4_10613217	Ca_desi_chr04	10613217	[T/G]	NA
Ca_Desi_Chrom_4_10618306	Ca_desi_chr04	10618306	[T/C]	NA
Ca_Desi_Chrom_4_10618316	Ca_desi_chr04	10618316	[T/G]	NA
Ca_Desi_Chrom_4_10618335	Ca_desi_chr04	10618335	[T/G]	NA
Ca_Desi_Chrom_4_10618342	Ca_desi_chr04	10618342	[A/G]	NA
Ca_Desi_Chrom_4_10685259	Ca_desi_chr04	10685259	[A/C]	NA
Ca_Desi_Chrom_4_10685279	Ca_desi_chr04	10685279	[T/A]	NA
Ca_Desi_Chrom_4_10721599	Ca_desi_chr04	10721599	[T/G]	NA
Ca_Desi_Chrom_4_10721635	Ca_desi_chr04	10721635	[T/C]	NA
Ca_Desi_Chrom_4_10735683	Ca_desi_chr04	10735683	[A/T]	NA
Ca_Desi_Chrom_4_10746478	Ca_desi_chr04	10746478	[T/G]	NA
Ca_Desi_Chrom_4_10746501	Ca_desi_chr04	10746501	[T/G]	NA
Ca_Desi_Chrom_4_10746537	Ca_desi_chr04	10746537	[A/C]	NA
Ca_Desi_Chrom_4_10817293	Ca_desi_chr04	10817293	[A/G]	NA
Ca_Desi_Chrom_4_10840283	Ca_desi_chr04	10840283	[A/T]	NA
Ca_Desi_Chrom_4_10840291	Ca_desi_chr04	10840291	[A/G]	NA
Ca_Desi_Chrom_4_10840302	Ca_desi_chr04	10840302	[A/G]	NA
Ca_Desi_Chrom_4_10840305	Ca_desi_chr04	10840305	[T/G]	NA
Ca_Desi_Chrom_4_10840308	Ca_desi_chr04	10840308	[A/G]	NA
Ca_Desi_Chrom_4_10840320	Ca_desi_chr04	10840320	[A/G]	NA
Ca_Desi_Chrom_4_10840333	Ca_desi_chr04	10840333	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_10840336	Ca_desi_chr04	10840336	[T/C]	NA
Ca_Desi_Chrom_4_10840340	Ca_desi_chr04	10840340	[T/C]	NA
Ca_Desi_Chrom_4_10911544	Ca_desi_chr04	10911544	[T/G]	NA
Ca_Desi_Chrom_4_11013040	Ca_desi_chr04	11013040	[G/C]	NA
Ca_Desi_Chrom_4_11038188	Ca_desi_chr04	11038188	[T/G]	NA
Ca_Desi_Chrom_4_11038463	Ca_desi_chr04	11038463	[T/C]	NA
Ca_Desi_Chrom_4_11038479	Ca_desi_chr04	11038479	[A/C]	NA
Ca_Desi_Chrom_4_11072007	Ca_desi_chr04	11072007	[A/C]	NA
Ca_Desi_Chrom_4_11072222	Ca_desi_chr04	11072222	[T/C]	NA
Ca_Desi_Chrom_4_11072259	Ca_desi_chr04	11072259	[T/C]	NA
Ca_Desi_Chrom_4_11072266	Ca_desi_chr04	11072266	[A/G]	NA
Ca_Desi_Chrom_4_11089936	Ca_desi_chr04	11089936	[A/C]	NA
Ca_Desi_Chrom_4_11089940	Ca_desi_chr04	11089940	[C/T]	NA
Ca_Desi_Chrom_4_11182579	Ca_desi_chr04	11182579	[A/T]	NA
Ca_Desi_Chrom_4_11229015	Ca_desi_chr04	11229015	[T/C]	NA
Ca_Desi_Chrom_4_11229016	Ca_desi_chr04	11229016	[C/T]	NA
Ca_Desi_Chrom_4_11229018	Ca_desi_chr04	11229018	[C/T]	NA
Ca_Desi_Chrom_4_11387821	Ca_desi_chr04	11387821	[T/C]	NA
Ca_Desi_Chrom_4_11387845	Ca_desi_chr04	11387845	[T/G]	NA
Ca_Desi_Chrom_4_11389484	Ca_desi_chr04	11389484	[A/G]	NA
Ca_Desi_Chrom_4_11389492	Ca_desi_chr04	11389492	[T/C]	NA
Ca_Desi_Chrom_4_11389523	Ca_desi_chr04	11389523	[T/C]	NA
Ca_Desi_Chrom_4_11399082	Ca_desi_chr04	11399082	[A/C]	NA
Ca_Desi_Chrom_4_11399086	Ca_desi_chr04	11399086	[T/C]	NA
Ca_Desi_Chrom_4_11399098	Ca_desi_chr04	11399098	[A/G]	NA
Ca_Desi_Chrom_4_11399105	Ca_desi_chr04	11399105	[A/C]	NA
Ca_Desi_Chrom_4_11399117	Ca_desi_chr04	11399117	[A/C]	NA
Ca_Desi_Chrom_4_11407191	Ca_desi_chr04	11407191	[T/G]	NA
Ca_Desi_Chrom_4_11457370	Ca_desi_chr04	11457370	[T/G]	NA
Ca_Desi_Chrom_4_11457402	Ca_desi_chr04	11457402	[T/G]	NA
Ca_Desi_Chrom_4_11458944	Ca_desi_chr04	11458944	[T/G]	NA
Ca_Desi_Chrom_4_11458965	Ca_desi_chr04	11458965	[G/T]	NA
Ca_Desi_Chrom_4_11459978	Ca_desi_chr04	11459978	[T/C]	NA
Ca_Desi_Chrom_4_11491065	Ca_desi_chr04	11491065	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_4_11538965	Ca_desig_chr04	11538965	[G/C]	NA
Ca_Desig_Chr_4_11539026	Ca_desig_chr04	11539026	[A/G]	NA
Ca_Desig_Chr_4_11539401	Ca_desig_chr04	11539401	[C/T]	NA
Ca_Desig_Chr_4_11540055	Ca_desig_chr04	11540055	[G/A]	NA
Ca_Desig_Chr_4_11540126	Ca_desig_chr04	11540126	[G/C]	NA
Ca_Desig_Chr_4_11540314	Ca_desig_chr04	11540314	[A/G]	NA
Ca_Desig_Chr_4_11540353	Ca_desig_chr04	11540353	[A/G]	NA
Ca_Desig_Chr_4_11540373	Ca_desig_chr04	11540373	[T/C]	NA
Ca_Desig_Chr_4_11540399	Ca_desig_chr04	11540399	[T/C]	NA
Ca_Desig_Chr_4_11542258	Ca_desig_chr04	11542258	[G/A]	NA
Ca_Desig_Chr_4_11543134	Ca_desig_chr04	11543134	[A/T]	NA
Ca_Desig_Chr_4_11543211	Ca_desig_chr04	11543211	[A/G]	NA
Ca_Desig_Chr_4_11543635	Ca_desig_chr04	11543635	[G/T]	NA
Ca_Desig_Chr_4_11543651	Ca_desig_chr04	11543651	[G/A]	NA
Ca_Desig_Chr_4_11558941	Ca_desig_chr04	11558941	[G/A]	NA
Ca_Desig_Chr_4_11567921	Ca_desig_chr04	11567921	[T/A]	NA
Ca_Desig_Chr_4_11570353	Ca_desig_chr04	11570353	[A/G]	NA
Ca_Desig_Chr_4_11570362	Ca_desig_chr04	11570362	[T/C]	NA
Ca_Desig_Chr_4_11570433	Ca_desig_chr04	11570433	[T/C]	NA
Ca_Desig_Chr_4_11572131	Ca_desig_chr04	11572131	[A/C]	NA
Ca_Desig_Chr_4_11572192	Ca_desig_chr04	11572192	[C/A]	NA
Ca_Desig_Chr_4_11572638	Ca_desig_chr04	11572638	[C/T]	NA
Ca_Desig_Chr_4_11572654	Ca_desig_chr04	11572654	[A/G]	NA
Ca_Desig_Chr_4_11585262	Ca_desig_chr04	11585262	[A/G]	NA
Ca_Desig_Chr_4_11585285	Ca_desig_chr04	11585285	[T/C]	NA
Ca_Desig_Chr_4_11585305	Ca_desig_chr04	11585305	[C/T]	NA
Ca_Desig_Chr_4_11585310	Ca_desig_chr04	11585310	[C/T]	NA
Ca_Desig_Chr_4_11585312	Ca_desig_chr04	11585312	[A/G]	NA
Ca_Desig_Chr_4_11585316	Ca_desig_chr04	11585316	[T/C]	NA
Ca_Desig_Chr_4_11585318	Ca_desig_chr04	11585318	[A/G]	NA
Ca_Desig_Chr_4_11585360	Ca_desig_chr04	11585360	[A/G]	NA
Ca_Desig_Chr_4_11585368	Ca_desig_chr04	11585368	[T/C]	NA
Ca_Desig_Chr_4_11585391	Ca_desig_chr04	11585391	[A/G]	NA
Ca_Desig_Chr_4_11586003	Ca_desig_chr04	11586003	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_11586015	Ca_desi_chr04	11586015	[T/G]	NA
Ca_Desi_Chrom_4_11586059	Ca_desi_chr04	11586059	[T/G]	NA
Ca_Desi_Chrom_4_11586074	Ca_desi_chr04	11586074	[T/G]	NA
Ca_Desi_Chrom_4_11603349	Ca_desi_chr04	11603349	[G/A]	NA
Ca_Desi_Chrom_4_11603546	Ca_desi_chr04	11603546	[A/G]	NA
Ca_Desi_Chrom_4_11618946	Ca_desi_chr04	11618946	[T/G]	NA
Ca_Desi_Chrom_4_11663437	Ca_desi_chr04	11663437	[T/C]	NA
Ca_Desi_Chrom_4_11664283	Ca_desi_chr04	11664283	[A/G]	NA
Ca_Desi_Chrom_4_11664297	Ca_desi_chr04	11664297	[T/C]	NA
Ca_Desi_Chrom_4_11664301	Ca_desi_chr04	11664301	[A/G]	NA
Ca_Desi_Chrom_4_11666412	Ca_desi_chr04	11666412	[T/C]	NA
Ca_Desi_Chrom_4_11666417	Ca_desi_chr04	11666417	[T/C]	NA
Ca_Desi_Chrom_4_11674004	Ca_desi_chr04	11674004	[G/C]	NA
Ca_Desi_Chrom_4_11674038	Ca_desi_chr04	11674038	[A/G]	NA
Ca_Desi_Chrom_4_11674058	Ca_desi_chr04	11674058	[A/G]	NA
Ca_Desi_Chrom_4_11674107	Ca_desi_chr04	11674107	[A/G]	NA
Ca_Desi_Chrom_4_11674195	Ca_desi_chr04	11674195	[A/G]	NA
Ca_Desi_Chrom_4_11674605	Ca_desi_chr04	11674605	[G/A]	NA
Ca_Desi_Chrom_4_11674615	Ca_desi_chr04	11674615	[C/A]	NA
Ca_Desi_Chrom_4_11674619	Ca_desi_chr04	11674619	[A/C]	NA
Ca_Desi_Chrom_4_11674624	Ca_desi_chr04	11674624	[A/C]	NA
Ca_Desi_Chrom_4_11679016	Ca_desi_chr04	11679016	[T/A]	NA
Ca_Desi_Chrom_4_11714449	Ca_desi_chr04	11714449	[A/T]	NA
Ca_Desi_Chrom_4_11714450	Ca_desi_chr04	11714450	[A/C]	NA
Ca_Desi_Chrom_4_11714451	Ca_desi_chr04	11714451	[G/T]	NA
Ca_Desi_Chrom_4_11784964	Ca_desi_chr04	11784964	[A/T]	NA
Ca_Desi_Chrom_4_11784979	Ca_desi_chr04	11784979	[T/C]	NA
Ca_Desi_Chrom_4_11784986	Ca_desi_chr04	11784986	[A/T]	NA
Ca_Desi_Chrom_4_11784996	Ca_desi_chr04	11784996	[T/G]	NA
Ca_Desi_Chrom_4_11832110	Ca_desi_chr04	11832110	[A/C]	NA
Ca_Desi_Chrom_4_11832118	Ca_desi_chr04	11832118	[A/C]	NA
Ca_Desi_Chrom_4_11837366	Ca_desi_chr04	11837366	[A/C]	NA
Ca_Desi_Chrom_4_11933382	Ca_desi_chr04	11933382	[T/G]	NA
Ca_Desi_Chrom_4_11933384	Ca_desi_chr04	11933384	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_4_11933404	Ca_desi_chr04	11933404	[A/T]	NA
Ca_Desi_Chr_4_11933417	Ca_desi_chr04	11933417	[T/A]	NA
Ca_Desi_Chr_4_11933440	Ca_desi_chr04	11933440	[A/G]	NA
Ca_Desi_Chr_4_11984997	Ca_desi_chr04	11984997	[T/G]	NA
Ca_Desi_Chr_4_11985017	Ca_desi_chr04	11985017	[A/T]	NA
Ca_Desi_Chr_4_12098589	Ca_desi_chr04	12098589	[C/T]	NA
Ca_Desi_Chr_4_12098592	Ca_desi_chr04	12098592	[C/T]	NA
Ca_Desi_Chr_4_12118440	Ca_desi_chr04	12118440	[T/C]	NA
Ca_Desi_Chr_4_12119463	Ca_desi_chr04	12119463	[A/G]	NA
Ca_Desi_Chr_4_12119500	Ca_desi_chr04	12119500	[T/C]	NA
Ca_Desi_Chr_4_12119513	Ca_desi_chr04	12119513	[T/A]	NA
Ca_Desi_Chr_4_12135273	Ca_desi_chr04	12135273	[T/C]	NA
Ca_Desi_Chr_4_12204368	Ca_desi_chr04	12204368	[A/T]	NA
Ca_Desi_Chr_4_12204413	Ca_desi_chr04	12204413	[A/T]	NA
Ca_Desi_Chr_4_12204460	Ca_desi_chr04	12204460	[T/G]	NA
Ca_Desi_Chr_4_12204644	Ca_desi_chr04	12204644	[T/C]	NA
Ca_Desi_Chr_4_12204653	Ca_desi_chr04	12204653	[T/C]	NA
Ca_Desi_Chr_4_12204669	Ca_desi_chr04	12204669	[A/G]	NA
Ca_Desi_Chr_4_12204700	Ca_desi_chr04	12204700	[A/G]	NA
Ca_Desi_Chr_4_12204710	Ca_desi_chr04	12204710	[A/G]	NA
Ca_Desi_Chr_4_12271895	Ca_desi_chr04	12271895	[A/G]	NA
Ca_Desi_Chr_4_12276816	Ca_desi_chr04	12276816	[A/G]	NA
Ca_Desi_Chr_4_12276826	Ca_desi_chr04	12276826	[A/G]	NA
Ca_Desi_Chr_4_12276828	Ca_desi_chr04	12276828	[A/C]	NA
Ca_Desi_Chr_4_12276839	Ca_desi_chr04	12276839	[T/A]	NA
Ca_Desi_Chr_4_12276848	Ca_desi_chr04	12276848	[A/G]	NA
Ca_Desi_Chr_4_12298981	Ca_desi_chr04	12298981	[T/C]	NA
Ca_Desi_Chr_4_12298984	Ca_desi_chr04	12298984	[A/G]	NA
Ca_Desi_Chr_4_12299002	Ca_desi_chr04	12299002	[A/C]	NA
Ca_Desi_Chr_4_12299004	Ca_desi_chr04	12299004	[A/C]	NA
Ca_Desi_Chr_4_12299032	Ca_desi_chr04	12299032	[T/A]	NA
Ca_Desi_Chr_4_12315915	Ca_desi_chr04	12315915	[T/A]	NA
Ca_Desi_Chr_4_12315954	Ca_desi_chr04	12315954	[A/G]	NA
Ca_Desi_Chr_4_12318263	Ca_desi_chr04	12318263	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_4_12318282	Ca_desig_chr04	12318282	[A/G]	NA
Ca_Desig_Chr_4_12335457	Ca_desig_chr04	12335457	[T/C]	NA
Ca_Desig_Chr_4_12335461	Ca_desig_chr04	12335461	[A/C]	NA
Ca_Desig_Chr_4_12335473	Ca_desig_chr04	12335473	[A/C]	NA
Ca_Desig_Chr_4_12335490	Ca_desig_chr04	12335490	[A/G]	NA
Ca_Desig_Chr_4_12339437	Ca_desig_chr04	12339437	[A/T]	NA
Ca_Desig_Chr_4_12339438	Ca_desig_chr04	12339438	[G/C]	NA
Ca_Desig_Chr_4_12339439	Ca_desig_chr04	12339439	[G/T]	NA
Ca_Desig_Chr_4_12366200	Ca_desig_chr04	12366200	[T/C]	NA
Ca_Desig_Chr_4_12415487	Ca_desig_chr04	12415487	[A/G]	NA
Ca_Desig_Chr_4_12415495	Ca_desig_chr04	12415495	[A/G]	NA
Ca_Desig_Chr_4_12415500	Ca_desig_chr04	12415500	[T/C]	NA
Ca_Desig_Chr_4_12415509	Ca_desig_chr04	12415509	[A/G]	NA
Ca_Desig_Chr_4_12415511	Ca_desig_chr04	12415511	[T/C]	NA
Ca_Desig_Chr_4_12415516	Ca_desig_chr04	12415516	[G/A]	NA
Ca_Desig_Chr_4_12415530	Ca_desig_chr04	12415530	[T/C]	NA
Ca_Desig_Chr_4_12415532	Ca_desig_chr04	12415532	[A/G]	NA
Ca_Desig_Chr_4_12415539	Ca_desig_chr04	12415539	[C/A]	NA
Ca_Desig_Chr_4_12415656	Ca_desig_chr04	12415656	[A/G]	NA
Ca_Desig_Chr_4_12483075	Ca_desig_chr04	12483075	[T/C]	NA
Ca_Desig_Chr_4_12483136	Ca_desig_chr04	12483136	[A/G]	NA
Ca_Desig_Chr_4_12483371	Ca_desig_chr04	12483371	[A/G]	NA
Ca_Desig_Chr_4_12499443	Ca_desig_chr04	12499443	[A/C]	NA
Ca_Desig_Chr_4_12501779	Ca_desig_chr04	12501779	[T/G]	NA
Ca_Desig_Chr_4_12574293	Ca_desig_chr04	12574293	[A/T]	NA
Ca_Desig_Chr_4_12662712	Ca_desig_chr04	12662712	[T/C]	NA
Ca_Desig_Chr_4_12662782	Ca_desig_chr04	12662782	[T/A]	NA
Ca_Desig_Chr_4_12662784	Ca_desig_chr04	12662784	[A/G]	NA
Ca_Desig_Chr_4_12662818	Ca_desig_chr04	12662818	[A/G]	NA
Ca_Desig_Chr_4_12705809	Ca_desig_chr04	12705809	[A/C]	NA
Ca_Desig_Chr_4_12705814	Ca_desig_chr04	12705814	[A/C]	NA
Ca_Desig_Chr_4_12705829	Ca_desig_chr04	12705829	[T/G]	NA
Ca_Desig_Chr_4_12748482	Ca_desig_chr04	12748482	[G/A]	NA
Ca_Desig_Chr_4_12748483	Ca_desig_chr04	12748483	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_12750219	Ca_desi_chr04	12750219	[A/C]	NA
Ca_Desi_Chrom_4_12750227	Ca_desi_chr04	12750227	[A/G]	NA
Ca_Desi_Chrom_4_12750232	Ca_desi_chr04	12750232	[A/C]	NA
Ca_Desi_Chrom_4_12791207	Ca_desi_chr04	12791207	[A/C]	NA
Ca_Desi_Chrom_4_12791217	Ca_desi_chr04	12791217	[A/T]	NA
Ca_Desi_Chrom_4_12837386	Ca_desi_chr04	12837386	[T/G]	NA
Ca_Desi_Chrom_4_12915143	Ca_desi_chr04	12915143	[A/T]	NA
Ca_Desi_Chrom_4_12915144	Ca_desi_chr04	12915144	[T/A]	NA
Ca_Desi_Chrom_4_12921723	Ca_desi_chr04	12921723	[A/G]	NA
Ca_Desi_Chrom_4_12921734	Ca_desi_chr04	12921734	[T/G]	NA
Ca_Desi_Chrom_4_12921757	Ca_desi_chr04	12921757	[A/T]	NA
Ca_Desi_Chrom_4_12998000	Ca_desi_chr04	12998000	[T/G]	NA
Ca_Desi_Chrom_4_12998008	Ca_desi_chr04	12998008	[T/C]	NA
Ca_Desi_Chrom_4_13005176	Ca_desi_chr04	13005176	[T/G]	NA
Ca_Desi_Chrom_4_13005197	Ca_desi_chr04	13005197	[T/G]	NA
Ca_Desi_Chrom_4_15813359	Ca_desi_chr04	15813359	[T/G]	NA
Ca_Desi_Chrom_4_15874744	Ca_desi_chr04	15874744	[T/C]	NA
Ca_Desi_Chrom_4_15874913	Ca_desi_chr04	15874913	[G/T]	NA
Ca_Desi_Chrom_4_15874914	Ca_desi_chr04	15874914	[T/G]	NA
Ca_Desi_Chrom_4_15874915	Ca_desi_chr04	15874915	[T/A]	NA
Ca_Desi_Chrom_4_15907269	Ca_desi_chr04	15907269	[T/G]	NA
Ca_Desi_Chrom_4_15949386	Ca_desi_chr04	15949386	[A/C]	NA
Ca_Desi_Chrom_4_15949396	Ca_desi_chr04	15949396	[A/T]	NA
Ca_Desi_Chrom_4_15957911	Ca_desi_chr04	15957911	[T/A]	NA
Ca_Desi_Chrom_4_15957917	Ca_desi_chr04	15957917	[A/G]	NA
Ca_Desi_Chrom_4_15957923	Ca_desi_chr04	15957923	[C/A]	NA
Ca_Desi_Chrom_4_15957925	Ca_desi_chr04	15957925	[G/A]	NA
Ca_Desi_Chrom_4_15957928	Ca_desi_chr04	15957928	[G/A]	NA
Ca_Desi_Chrom_4_15957942	Ca_desi_chr04	15957942	[G/A]	NA
Ca_Desi_Chrom_4_16009843	Ca_desi_chr04	16009843	[T/C]	NA
Ca_Desi_Chrom_4_16009846	Ca_desi_chr04	16009846	[A/C]	NA
Ca_Desi_Chrom_4_16009850	Ca_desi_chr04	16009850	[A/G]	NA
Ca_Desi_Chrom_4_16009855	Ca_desi_chr04	16009855	[T/C]	NA
Ca_Desi_Chrom_4_16009858	Ca_desi_chr04	16009858	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_4_16009861	Ca_desig_chr04	16009861	[A/C]	NA
Ca_Desig_Chr_4_16009868	Ca_desig_chr04	16009868	[T/C]	NA
Ca_Desig_Chr_4_16043495	Ca_desig_chr04	16043495	[T/C]	NA
Ca_Desig_Chr_4_16061775	Ca_desig_chr04	16061775	[T/C]	NA
Ca_Desig_Chr_4_16061787	Ca_desig_chr04	16061787	[T/G]	NA
Ca_Desig_Chr_4_16079978	Ca_desig_chr04	16079978	[T/A]	NA
Ca_Desig_Chr_4_16080709	Ca_desig_chr04	16080709	[T/A]	NA
Ca_Desig_Chr_4_16140061	Ca_desig_chr04	16140061	[T/C]	NA
Ca_Desig_Chr_4_16150551	Ca_desig_chr04	16150551	[A/G]	NA
Ca_Desig_Chr_4_16150553	Ca_desig_chr04	16150553	[T/A]	NA
Ca_Desig_Chr_4_16150576	Ca_desig_chr04	16150576	[A/G]	NA
Ca_Desig_Chr_4_16150578	Ca_desig_chr04	16150578	[A/G]	NA
Ca_Desig_Chr_4_16150587	Ca_desig_chr04	16150587	[T/C]	NA
Ca_Desig_Chr_4_16150599	Ca_desig_chr04	16150599	[T/C]	NA
Ca_Desig_Chr_4_16174574	Ca_desig_chr04	16174574	[T/A]	NA
Ca_Desig_Chr_4_16176556	Ca_desig_chr04	16176556	[A/C]	NA
Ca_Desig_Chr_4_16176557	Ca_desig_chr04	16176557	[G/T]	NA
Ca_Desig_Chr_4_16206300	Ca_desig_chr04	16206300	[A/T]	NA
Ca_Desig_Chr_4_16206301	Ca_desig_chr04	16206301	[A/C]	NA
Ca_Desig_Chr_4_16206302	Ca_desig_chr04	16206302	[G/T]	NA
Ca_Desig_Chr_4_16206544	Ca_desig_chr04	16206544	[T/G]	NA
Ca_Desig_Chr_4_16206693	Ca_desig_chr04	16206693	[T/G]	NA
Ca_Desig_Chr_4_16219656	Ca_desig_chr04	16219656	[A/G]	NA
Ca_Desig_Chr_4_16219684	Ca_desig_chr04	16219684	[G/A]	NA
Ca_Desig_Chr_4_16219688	Ca_desig_chr04	16219688	[T/C]	NA
Ca_Desig_Chr_4_16219795	Ca_desig_chr04	16219795	[A/C]	NA
Ca_Desig_Chr_4_16230591	Ca_desig_chr04	16230591	[T/G]	NA
Ca_Desig_Chr_4_16230610	Ca_desig_chr04	16230610	[T/G]	NA
Ca_Desig_Chr_4_16235291	Ca_desig_chr04	16235291	[T/G]	NA
Ca_Desig_Chr_4_16235463	Ca_desig_chr04	16235463	[A/C]	NA
Ca_Desig_Chr_4_16237454	Ca_desig_chr04	16237454	[A/C]	NA
Ca_Desig_Chr_4_16289101	Ca_desig_chr04	16289101	[A/G]	NA
Ca_Desig_Chr_4_16318794	Ca_desig_chr04	16318794	[C/T]	NA
Ca_Desig_Chr_4_16318820	Ca_desig_chr04	16318820	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_4_16362421	Ca_desig_chr04	16362421	[T/G]	NA
Ca_Desig_Chr_4_16362424	Ca_desig_chr04	16362424	[T/G]	NA
Ca_Desig_Chr_4_16362429	Ca_desig_chr04	16362429	[A/G]	NA
Ca_Desig_Chr_4_16551106	Ca_desig_chr04	16551106	[A/G]	NA
Ca_Desig_Chr_4_16551129	Ca_desig_chr04	16551129	[T/C]	NA
Ca_Desig_Chr_4_16557296	Ca_desig_chr04	16557296	[A/G]	NA
Ca_Desig_Chr_4_16557304	Ca_desig_chr04	16557304	[A/T]	NA
Ca_Desig_Chr_4_16557332	Ca_desig_chr04	16557332	[A/G]	NA
Ca_Desig_Chr_4_16591976	Ca_desig_chr04	16591976	[A/C]	NA
Ca_Desig_Chr_4_16674009	Ca_desig_chr04	16674009	[T/C]	NA
Ca_Desig_Chr_4_16674012	Ca_desig_chr04	16674012	[T/C]	NA
Ca_Desig_Chr_4_16674017	Ca_desig_chr04	16674017	[T/C]	NA
Ca_Desig_Chr_4_16674023	Ca_desig_chr04	16674023	[T/C]	NA
Ca_Desig_Chr_4_16674028	Ca_desig_chr04	16674028	[T/C]	NA
Ca_Desig_Chr_4_16674030	Ca_desig_chr04	16674030	[T/C]	NA
Ca_Desig_Chr_4_16674032	Ca_desig_chr04	16674032	[A/G]	NA
Ca_Desig_Chr_4_16674037	Ca_desig_chr04	16674037	[A/G]	NA
Ca_Desig_Chr_4_16674040	Ca_desig_chr04	16674040	[T/C]	NA
Ca_Desig_Chr_4_16674041	Ca_desig_chr04	16674041	[C/T]	NA
Ca_Desig_Chr_4_16674042	Ca_desig_chr04	16674042	[T/C]	NA
Ca_Desig_Chr_4_16674047	Ca_desig_chr04	16674047	[T/C]	NA
Ca_Desig_Chr_4_16674050	Ca_desig_chr04	16674050	[T/C]	NA
Ca_Desig_Chr_4_16674052	Ca_desig_chr04	16674052	[T/C]	NA
Ca_Desig_Chr_4_16676187	Ca_desig_chr04	16676187	[A/C]	NA
Ca_Desig_Chr_4_16676201	Ca_desig_chr04	16676201	[A/G]	NA
Ca_Desig_Chr_4_16706739	Ca_desig_chr04	16706739	[A/C]	NA
Ca_Desig_Chr_4_16724916	Ca_desig_chr04	16724916	[A/C]	NA
Ca_Desig_Chr_4_16730046	Ca_desig_chr04	16730046	[A/T]	NA
Ca_Desig_Chr_4_16741314	Ca_desig_chr04	16741314	[A/G]	NA
Ca_Desig_Chr_4_16741317	Ca_desig_chr04	16741317	[A/G]	NA
Ca_Desig_Chr_4_16741327	Ca_desig_chr04	16741327	[A/T]	NA
Ca_Desig_Chr_4_16741344	Ca_desig_chr04	16741344	[A/G]	NA
Ca_Desig_Chr_4_16741350	Ca_desig_chr04	16741350	[A/G]	NA
Ca_Desig_Chr_4_16741368	Ca_desig_chr04	16741368	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_16741428	Ca_desi_chr04	16741428	[A/T]	NA
Ca_Desi_Chrom_4_16741429	Ca_desi_chr04	16741429	[T/A]	NA
Ca_Desi_Chrom_4_16741430	Ca_desi_chr04	16741430	[T/C]	NA
Ca_Desi_Chrom_4_16744614	Ca_desi_chr04	16744614	[T/C]	NA
Ca_Desi_Chrom_4_16744617	Ca_desi_chr04	16744617	[A/G]	NA
Ca_Desi_Chrom_4_16744629	Ca_desi_chr04	16744629	[A/G]	NA
Ca_Desi_Chrom_4_16744634	Ca_desi_chr04	16744634	[A/G]	NA
Ca_Desi_Chrom_4_16744648	Ca_desi_chr04	16744648	[T/C]	NA
Ca_Desi_Chrom_4_16744665	Ca_desi_chr04	16744665	[T/C]	NA
Ca_Desi_Chrom_4_16744669	Ca_desi_chr04	16744669	[A/G]	NA
Ca_Desi_Chrom_4_16744676	Ca_desi_chr04	16744676	[T/C]	NA
Ca_Desi_Chrom_4_16744678	Ca_desi_chr04	16744678	[T/C]	NA
Ca_Desi_Chrom_4_16744683	Ca_desi_chr04	16744683	[A/G]	NA
Ca_Desi_Chrom_4_16770730	Ca_desi_chr04	16770730	[A/G]	NA
Ca_Desi_Chrom_4_16791446	Ca_desi_chr04	16791446	[A/C]	NA
Ca_Desi_Chrom_4_16791504	Ca_desi_chr04	16791504	[T/A]	NA
Ca_Desi_Chrom_4_16791513	Ca_desi_chr04	16791513	[A/G]	NA
Ca_Desi_Chrom_4_16791541	Ca_desi_chr04	16791541	[A/C]	NA
Ca_Desi_Chrom_4_16791666	Ca_desi_chr04	16791666	[A/C]	NA
Ca_Desi_Chrom_4_16795332	Ca_desi_chr04	16795332	[A/C]	NA
Ca_Desi_Chrom_4_16795366	Ca_desi_chr04	16795366	[A/C]	NA
Ca_Desi_Chrom_4_16795500	Ca_desi_chr04	16795500	[G/T]	NA
Ca_Desi_Chrom_4_16795501	Ca_desi_chr04	16795501	[A/C]	NA
Ca_Desi_Chrom_4_16795502	Ca_desi_chr04	16795502	[G/T]	NA
Ca_Desi_Chrom_4_16802460	Ca_desi_chr04	16802460	[C/G]	NA
Ca_Desi_Chrom_4_16818312	Ca_desi_chr04	16818312	[T/A]	NA
Ca_Desi_Chrom_4_16827801	Ca_desi_chr04	16827801	[A/C]	NA
Ca_Desi_Chrom_4_16827824	Ca_desi_chr04	16827824	[T/G]	NA
Ca_Desi_Chrom_4_16827840	Ca_desi_chr04	16827840	[A/T]	NA
Ca_Desi_Chrom_4_16894642	Ca_desi_chr04	16894642	[A/C]	NA
Ca_Desi_Chrom_4_16900160	Ca_desi_chr04	16900160	[T/C]	NA
Ca_Desi_Chrom_4_16900349	Ca_desi_chr04	16900349	[A/G]	NA
Ca_Desi_Chrom_4_16907164	Ca_desi_chr04	16907164	[A/C]	NA
Ca_Desi_Chrom_4_16949996	Ca_desi_chr04	16949996	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_16949999	Ca_desi_chr04	16949999	[A/G]	NA
Ca_Desi_Chrom_4_16950003	Ca_desi_chr04	16950003	[T/C]	NA
Ca_Desi_Chrom_4_16950004	Ca_desi_chr04	16950004	[C/T]	NA
Ca_Desi_Chrom_4_16950056	Ca_desi_chr04	16950056	[C/T]	NA
Ca_Desi_Chrom_4_17016503	Ca_desi_chr04	17016503	[T/C]	NA
Ca_Desi_Chrom_4_17016536	Ca_desi_chr04	17016536	[T/C]	NA
Ca_Desi_Chrom_4_17026018	Ca_desi_chr04	17026018	[T/G]	NA
Ca_Desi_Chrom_4_17026051	Ca_desi_chr04	17026051	[A/T]	NA
Ca_Desi_Chrom_4_17026071	Ca_desi_chr04	17026071	[A/T]	NA
Ca_Desi_Chrom_4_18043880	Ca_desi_chr04	18043880	[A/C]	NA
Ca_Desi_Chrom_4_18043884	Ca_desi_chr04	18043884	[A/C]	NA
Ca_Desi_Chrom_4_18043974	Ca_desi_chr04	18043974	[A/G]	NA
Ca_Desi_Chrom_4_18043980	Ca_desi_chr04	18043980	[A/G]	NA
Ca_Desi_Chrom_4_18043989	Ca_desi_chr04	18043989	[A/C]	NA
Ca_Desi_Chrom_4_18044043	Ca_desi_chr04	18044043	[A/G]	NA
Ca_Desi_Chrom_4_18044067	Ca_desi_chr04	18044067	[A/G]	NA
Ca_Desi_Chrom_4_18063839	Ca_desi_chr04	18063839	[A/G]	NA
Ca_Desi_Chrom_4_18064756	Ca_desi_chr04	18064756	[A/G]	NA
Ca_Desi_Chrom_4_18064758	Ca_desi_chr04	18064758	[G/T]	NA
Ca_Desi_Chrom_4_18064759	Ca_desi_chr04	18064759	[A/C]	NA
Ca_Desi_Chrom_4_18064760	Ca_desi_chr04	18064760	[G/T]	NA
Ca_Desi_Chrom_4_18064793	Ca_desi_chr04	18064793	[A/G]	NA
Ca_Desi_Chrom_4_18064806	Ca_desi_chr04	18064806	[A/G]	NA
Ca_Desi_Chrom_4_18117934	Ca_desi_chr04	18117934	[A/G]	NA
Ca_Desi_Chrom_4_18148828	Ca_desi_chr04	18148828	[T/A]	NA
Ca_Desi_Chrom_4_18198384	Ca_desi_chr04	18198384	[A/G]	NA
Ca_Desi_Chrom_4_18198406	Ca_desi_chr04	18198406	[A/G]	NA
Ca_Desi_Chrom_4_18198419	Ca_desi_chr04	18198419	[G/A]	NA
Ca_Desi_Chrom_4_18198420	Ca_desi_chr04	18198420	[A/G]	NA
Ca_Desi_Chrom_4_18198434	Ca_desi_chr04	18198434	[T/C]	NA
Ca_Desi_Chrom_4_18198440	Ca_desi_chr04	18198440	[T/C]	NA
Ca_Desi_Chrom_4_18240126	Ca_desi_chr04	18240126	[A/T]	NA
Ca_Desi_Chrom_4_18280158	Ca_desi_chr04	18280158	[A/C]	NA
Ca_Desi_Chrom_4_18291886	Ca_desi_chr04	18291886	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_4_18319776	Ca_desig_chr04	18319776	[A/C]	NA
Ca_Desig_Chr_4_18319783	Ca_desig_chr04	18319783	[A/G]	NA
Ca_Desig_Chr_4_18319792	Ca_desig_chr04	18319792	[T/C]	NA
Ca_Desig_Chr_4_18319797	Ca_desig_chr04	18319797	[T/C]	NA
Ca_Desig_Chr_4_18319809	Ca_desig_chr04	18319809	[T/A]	NA
Ca_Desig_Chr_4_18321956	Ca_desig_chr04	18321956	[T/A]	NA
Ca_Desig_Chr_4_18322603	Ca_desig_chr04	18322603	[A/G]	NA
Ca_Desig_Chr_4_18351480	Ca_desig_chr04	18351480	[T/G]	NA
Ca_Desig_Chr_4_18487120	Ca_desig_chr04	18487120	[T/C]	NA
Ca_Desig_Chr_4_18487130	Ca_desig_chr04	18487130	[A/T]	NA
Ca_Desig_Chr_4_18487141	Ca_desig_chr04	18487141	[T/G]	NA
Ca_Desig_Chr_4_18522023	Ca_desig_chr04	18522023	[T/G]	NA
Ca_Desig_Chr_4_18632703	Ca_desig_chr04	18632703	[T/G]	NA
Ca_Desig_Chr_4_18643701	Ca_desig_chr04	18643701	[A/G]	NA
Ca_Desig_Chr_4_18643704	Ca_desig_chr04	18643704	[T/C]	NA
Ca_Desig_Chr_4_18643718	Ca_desig_chr04	18643718	[T/C]	NA
Ca_Desig_Chr_4_18645215	Ca_desig_chr04	18645215	[A/G]	NA
Ca_Desig_Chr_4_18661657	Ca_desig_chr04	18661657	[A/G]	NA
Ca_Desig_Chr_4_18663062	Ca_desig_chr04	18663062	[T/C]	NA
Ca_Desig_Chr_4_18663080	Ca_desig_chr04	18663080	[T/C]	NA
Ca_Desig_Chr_4_18687613	Ca_desig_chr04	18687613	[T/G]	NA
Ca_Desig_Chr_4_18778202	Ca_desig_chr04	18778202	[A/C]	NA
Ca_Desig_Chr_4_18778215	Ca_desig_chr04	18778215	[T/A]	NA
Ca_Desig_Chr_4_18790760	Ca_desig_chr04	18790760	[G/A]	NA
Ca_Desig_Chr_4_18798562	Ca_desig_chr04	18798562	[C/A]	NA
Ca_Desig_Chr_4_18798674	Ca_desig_chr04	18798674	[A/C]	NA
Ca_Desig_Chr_4_18821576	Ca_desig_chr04	18821576	[T/G]	NA
Ca_Desig_Chr_4_18846803	Ca_desig_chr04	18846803	[A/C]	NA
Ca_Desig_Chr_4_18847969	Ca_desig_chr04	18847969	[A/G]	NA
Ca_Desig_Chr_4_18847971	Ca_desig_chr04	18847971	[T/C]	NA
Ca_Desig_Chr_4_18847981	Ca_desig_chr04	18847981	[A/T]	NA
Ca_Desig_Chr_4_18848005	Ca_desig_chr04	18848005	[A/T]	NA
Ca_Desig_Chr_4_18855469	Ca_desig_chr04	18855469	[T/G]	NA
Ca_Desig_Chr_4_18876605	Ca_desig_chr04	18876605	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_18921404	Ca_desi_chr04	18921404	[A/C]	NA
Ca_Desi_Chrom_4_18925847	Ca_desi_chr04	18925847	[T/C]	NA
Ca_Desi_Chrom_4_18925851	Ca_desi_chr04	18925851	[T/C]	NA
Ca_Desi_Chrom_4_18925861	Ca_desi_chr04	18925861	[T/C]	NA
Ca_Desi_Chrom_4_18925866	Ca_desi_chr04	18925866	[A/G]	NA
Ca_Desi_Chrom_4_18925873	Ca_desi_chr04	18925873	[A/G]	NA
Ca_Desi_Chrom_4_18925879	Ca_desi_chr04	18925879	[T/C]	NA
Ca_Desi_Chrom_4_18925881	Ca_desi_chr04	18925881	[T/C]	NA
Ca_Desi_Chrom_4_18925905	Ca_desi_chr04	18925905	[T/C]	NA
Ca_Desi_Chrom_4_18929073	Ca_desi_chr04	18929073	[T/G]	NA
Ca_Desi_Chrom_4_18929079	Ca_desi_chr04	18929079	[T/G]	NA
Ca_Desi_Chrom_4_18929106	Ca_desi_chr04	18929106	[T/C]	NA
Ca_Desi_Chrom_4_18929115	Ca_desi_chr04	18929115	[T/G]	NA
Ca_Desi_Chrom_4_18929121	Ca_desi_chr04	18929121	[A/G]	NA
Ca_Desi_Chrom_4_19026642	Ca_desi_chr04	19026642	[C/A]	NA
Ca_Desi_Chrom_4_19026644	Ca_desi_chr04	19026644	[C/A]	NA
Ca_Desi_Chrom_4_19026645	Ca_desi_chr04	19026645	[C/T]	NA
Ca_Desi_Chrom_4_20306540	Ca_desi_chr04	20306540	[A/T]	NA
Ca_Desi_Chrom_4_20306561	Ca_desi_chr04	20306561	[T/G]	NA
Ca_Desi_Chrom_4_20306564	Ca_desi_chr04	20306564	[A/C]	NA
Ca_Desi_Chrom_4_20317283	Ca_desi_chr04	20317283	[T/G]	NA
Ca_Desi_Chrom_4_20331123	Ca_desi_chr04	20331123	[T/C]	NA
Ca_Desi_Chrom_4_20331138	Ca_desi_chr04	20331138	[A/C]	NA
Ca_Desi_Chrom_4_20331175	Ca_desi_chr04	20331175	[G/C]	NA
Ca_Desi_Chrom_4_20331211	Ca_desi_chr04	20331211	[A/C]	NA
Ca_Desi_Chrom_4_20331255	Ca_desi_chr04	20331255	[A/G]	NA
Ca_Desi_Chrom_4_20360811	Ca_desi_chr04	20360811	[T/G]	NA
Ca_Desi_Chrom_4_20360852	Ca_desi_chr04	20360852	[T/C]	NA
Ca_Desi_Chrom_4_20386426	Ca_desi_chr04	20386426	[T/G]	NA
Ca_Desi_Chrom_4_20386458	Ca_desi_chr04	20386458	[C/A]	NA
Ca_Desi_Chrom_4_20386459	Ca_desi_chr04	20386459	[A/C]	NA
Ca_Desi_Chrom_4_20386460	Ca_desi_chr04	20386460	[A/G]	NA
Ca_Desi_Chrom_4_20386465	Ca_desi_chr04	20386465	[G/A]	NA
Ca_Desi_Chrom_4_20386548	Ca_desi_chr04	20386548	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_20386550	Ca_desi_chr04	20386550	[T/G]	NA
Ca_Desi_Chrom_4_20388102	Ca_desi_chr04	20388102	[T/G]	NA
Ca_Desi_Chrom_4_20397473	Ca_desi_chr04	20397473	[A/C]	NA
Ca_Desi_Chrom_4_20397475	Ca_desi_chr04	20397475	[C/T]	NA
Ca_Desi_Chrom_4_20412433	Ca_desi_chr04	20412433	[A/T]	NA
Ca_Desi_Chrom_4_20412441	Ca_desi_chr04	20412441	[T/G]	NA
Ca_Desi_Chrom_4_20430508	Ca_desi_chr04	20430508	[C/T]	NA
Ca_Desi_Chrom_4_20507409	Ca_desi_chr04	20507409	[A/G]	NA
Ca_Desi_Chrom_4_20507419	Ca_desi_chr04	20507419	[T/C]	NA
Ca_Desi_Chrom_4_20507431	Ca_desi_chr04	20507431	[T/C]	NA
Ca_Desi_Chrom_4_20507436	Ca_desi_chr04	20507436	[A/G]	NA
Ca_Desi_Chrom_4_20507439	Ca_desi_chr04	20507439	[T/C]	NA
Ca_Desi_Chrom_4_20507457	Ca_desi_chr04	20507457	[T/C]	NA
Ca_Desi_Chrom_4_20507459	Ca_desi_chr04	20507459	[C/T]	NA
Ca_Desi_Chrom_4_20507462	Ca_desi_chr04	20507462	[T/C]	NA
Ca_Desi_Chrom_4_20507477	Ca_desi_chr04	20507477	[A/G]	NA
Ca_Desi_Chrom_4_20557113	Ca_desi_chr04	20557113	[A/G]	NA
Ca_Desi_Chrom_4_20557160	Ca_desi_chr04	20557160	[A/C]	NA
Ca_Desi_Chrom_4_20557215	Ca_desi_chr04	20557215	[A/G]	NA
Ca_Desi_Chrom_4_20557218	Ca_desi_chr04	20557218	[T/G]	NA
Ca_Desi_Chrom_4_20557281	Ca_desi_chr04	20557281	[A/T]	NA
Ca_Desi_Chrom_4_20574069	Ca_desi_chr04	20574069	[T/C]	NA
Ca_Desi_Chrom_4_20574072	Ca_desi_chr04	20574072	[A/C]	NA
Ca_Desi_Chrom_4_20585908	Ca_desi_chr04	20585908	[T/C]	NA
Ca_Desi_Chrom_4_20585933	Ca_desi_chr04	20585933	[T/C]	NA
Ca_Desi_Chrom_4_20585942	Ca_desi_chr04	20585942	[T/C]	NA
Ca_Desi_Chrom_4_20587971	Ca_desi_chr04	20587971	[T/G]	NA
Ca_Desi_Chrom_4_20588491	Ca_desi_chr04	20588491	[T/G]	NA
Ca_Desi_Chrom_4_20588528	Ca_desi_chr04	20588528	[A/C]	NA
Ca_Desi_Chrom_4_20633483	Ca_desi_chr04	20633483	[A/C]	NA
Ca_Desi_Chrom_4_20643346	Ca_desi_chr04	20643346	[T/C]	NA
Ca_Desi_Chrom_4_20643353	Ca_desi_chr04	20643353	[T/C]	NA
Ca_Desi_Chrom_4_20643378	Ca_desi_chr04	20643378	[A/C]	NA
Ca_Desi_Chrom_4_20757296	Ca_desi_chr04	20757296	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_20776317	Ca_desi_chrom04	20776317	[T/C]	NA
Ca_Desi_Chrom_4_20833510	Ca_desi_chrom04	20833510	[T/C]	NA
Ca_Desi_Chrom_4_20839259	Ca_desi_chrom04	20839259	[A/G]	NA
Ca_Desi_Chrom_4_20841182	Ca_desi_chrom04	20841182	[A/C]	NA
Ca_Desi_Chrom_4_20855255	Ca_desi_chrom04	20855255	[T/C]	NA
Ca_Desi_Chrom_4_20855302	Ca_desi_chrom04	20855302	[T/C]	NA
Ca_Desi_Chrom_4_20855332	Ca_desi_chrom04	20855332	[A/C]	NA
Ca_Desi_Chrom_4_20855381	Ca_desi_chrom04	20855381	[A/G]	NA
Ca_Desi_Chrom_4_20870761	Ca_desi_chrom04	20870761	[T/C]	NA
Ca_Desi_Chrom_4_20870767	Ca_desi_chrom04	20870767	[A/T]	NA
Ca_Desi_Chrom_4_20878436	Ca_desi_chrom04	20878436	[A/G]	NA
Ca_Desi_Chrom_4_20878440	Ca_desi_chrom04	20878440	[T/G]	NA
Ca_Desi_Chrom_4_20878441	Ca_desi_chrom04	20878441	[A/C]	NA
Ca_Desi_Chrom_4_20878459	Ca_desi_chrom04	20878459	[A/T]	NA
Ca_Desi_Chrom_4_20878471	Ca_desi_chrom04	20878471	[T/C]	NA
Ca_Desi_Chrom_4_20879043	Ca_desi_chrom04	20879043	[T/C]	NA
Ca_Desi_Chrom_4_20879049	Ca_desi_chrom04	20879049	[A/T]	NA
Ca_Desi_Chrom_4_20905526	Ca_desi_chrom04	20905526	[A/G]	NA
Ca_Desi_Chrom_4_20905539	Ca_desi_chrom04	20905539	[G/C]	NA
Ca_Desi_Chrom_4_20905544	Ca_desi_chrom04	20905544	[G/C]	NA
Ca_Desi_Chrom_4_20905555	Ca_desi_chrom04	20905555	[A/C]	NA
Ca_Desi_Chrom_4_20907952	Ca_desi_chrom04	20907952	[T/G]	NA
Ca_Desi_Chrom_4_20907973	Ca_desi_chrom04	20907973	[T/G]	NA
Ca_Desi_Chrom_4_20908040	Ca_desi_chrom04	20908040	[A/G]	NA
Ca_Desi_Chrom_4_20908047	Ca_desi_chrom04	20908047	[A/C]	NA
Ca_Desi_Chrom_4_20975702	Ca_desi_chrom04	20975702	[A/C]	NA
Ca_Desi_Chrom_4_20975750	Ca_desi_chrom04	20975750	[T/C]	NA
Ca_Desi_Chrom_4_20975760	Ca_desi_chrom04	20975760	[A/G]	NA
Ca_Desi_Chrom_4_20975772	Ca_desi_chrom04	20975772	[A/G]	NA
Ca_Desi_Chrom_4_20975774	Ca_desi_chrom04	20975774	[G/C]	NA
Ca_Desi_Chrom_4_20975800	Ca_desi_chrom04	20975800	[T/C]	NA
Ca_Desi_Chrom_4_20975802	Ca_desi_chrom04	20975802	[A/G]	NA
Ca_Desi_Chrom_4_20975803	Ca_desi_chrom04	20975803	[A/G]	NA
Ca_Desi_Chrom_4_20975804	Ca_desi_chrom04	20975804	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_4_20975815	Ca_desig_chr04	20975815	[T/C]	NA
Ca_Desig_Chr_4_21045582	Ca_desig_chr04	21045582	[T/C]	NA
Ca_Desig_Chr_4_21045586	Ca_desig_chr04	21045586	[A/C]	NA
Ca_Desig_Chr_4_21045613	Ca_desig_chr04	21045613	[A/G]	NA
Ca_Desig_Chr_4_21045617	Ca_desig_chr04	21045617	[A/G]	NA
Ca_Desig_Chr_4_21045624	Ca_desig_chr04	21045624	[T/C]	NA
Ca_Desig_Chr_4_21051249	Ca_desig_chr04	21051249	[C/A]	NA
Ca_Desig_Chr_4_21060603	Ca_desig_chr04	21060603	[A/G]	NA
Ca_Desig_Chr_4_21113561	Ca_desig_chr04	21113561	[A/C]	NA
Ca_Desig_Chr_4_21113571	Ca_desig_chr04	21113571	[A/G]	NA
Ca_Desig_Chr_4_21113576	Ca_desig_chr04	21113576	[T/C]	NA
Ca_Desig_Chr_4_21144274	Ca_desig_chr04	21144274	[T/C]	NA
Ca_Desig_Chr_4_21144276	Ca_desig_chr04	21144276	[A/G]	NA
Ca_Desig_Chr_4_21144278	Ca_desig_chr04	21144278	[T/C]	NA
Ca_Desig_Chr_4_21144287	Ca_desig_chr04	21144287	[A/G]	NA
Ca_Desig_Chr_4_21166975	Ca_desig_chr04	21166975	[T/G]	NA
Ca_Desig_Chr_4_21166978	Ca_desig_chr04	21166978	[A/G]	NA
Ca_Desig_Chr_4_21166981	Ca_desig_chr04	21166981	[T/G]	NA
Ca_Desig_Chr_4_21166991	Ca_desig_chr04	21166991	[A/G]	NA
Ca_Desig_Chr_4_21166994	Ca_desig_chr04	21166994	[A/G]	NA
Ca_Desig_Chr_4_21166998	Ca_desig_chr04	21166998	[A/G]	NA
Ca_Desig_Chr_4_21167003	Ca_desig_chr04	21167003	[T/C]	NA
Ca_Desig_Chr_4_21182020	Ca_desig_chr04	21182020	[A/T]	NA
Ca_Desig_Chr_4_21191220	Ca_desig_chr04	21191220	[T/A]	NA
Ca_Desig_Chr_4_21191250	Ca_desig_chr04	21191250	[C/A]	NA
Ca_Desig_Chr_4_21191251	Ca_desig_chr04	21191251	[G/C]	NA
Ca_Desig_Chr_4_21191258	Ca_desig_chr04	21191258	[A/C]	NA
Ca_Desig_Chr_4_21191260	Ca_desig_chr04	21191260	[T/C]	NA
Ca_Desig_Chr_4_21192467	Ca_desig_chr04	21192467	[A/C]	NA
Ca_Desig_Chr_4_21192468	Ca_desig_chr04	21192468	[C/A]	NA
Ca_Desig_Chr_4_21192494	Ca_desig_chr04	21192494	[A/T]	NA
Ca_Desig_Chr_4_21192547	Ca_desig_chr04	21192547	[A/C]	NA
Ca_Desig_Chr_4_21192578	Ca_desig_chr04	21192578	[T/C]	NA
Ca_Desig_Chr_4_21229885	Ca_desig_chr04	21229885	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_21231303	Ca_desi_chr04	21231303	[T/C]	NA
Ca_Desi_Chrom_4_21238813	Ca_desi_chr04	21238813	[A/C]	NA
Ca_Desi_Chrom_4_21254265	Ca_desi_chr04	21254265	[C/G]	NA
Ca_Desi_Chrom_4_21254266	Ca_desi_chr04	21254266	[T/G]	NA
Ca_Desi_Chrom_4_21380333	Ca_desi_chr04	21380333	[A/G]	NA
Ca_Desi_Chrom_4_21380344	Ca_desi_chr04	21380344	[T/G]	NA
Ca_Desi_Chrom_4_21380380	Ca_desi_chr04	21380380	[A/G]	NA
Ca_Desi_Chrom_4_21382192	Ca_desi_chr04	21382192	[T/C]	NA
Ca_Desi_Chrom_4_21385594	Ca_desi_chr04	21385594	[T/G]	NA
Ca_Desi_Chrom_4_21385596	Ca_desi_chr04	21385596	[A/G]	NA
Ca_Desi_Chrom_4_21385604	Ca_desi_chr04	21385604	[T/C]	NA
Ca_Desi_Chrom_4_21385607	Ca_desi_chr04	21385607	[T/C]	NA
Ca_Desi_Chrom_4_21385613	Ca_desi_chr04	21385613	[A/G]	NA
Ca_Desi_Chrom_4_21385616	Ca_desi_chr04	21385616	[A/G]	NA
Ca_Desi_Chrom_4_21385628	Ca_desi_chr04	21385628	[T/C]	NA
Ca_Desi_Chrom_4_21385631	Ca_desi_chr04	21385631	[T/C]	NA
Ca_Desi_Chrom_4_21385654	Ca_desi_chr04	21385654	[A/G]	NA
Ca_Desi_Chrom_4_21385688	Ca_desi_chr04	21385688	[T/C]	NA
Ca_Desi_Chrom_4_21387958	Ca_desi_chr04	21387958	[T/C]	NA
Ca_Desi_Chrom_4_21650367	Ca_desi_chr04	21650367	[T/C]	NA
Ca_Desi_Chrom_4_21654440	Ca_desi_chr04	21654440	[A/C]	NA
Ca_Desi_Chrom_4_21678248	Ca_desi_chr04	21678248	[T/A]	NA
Ca_Desi_Chrom_4_21746585	Ca_desi_chr04	21746585	[G/A]	NA
Ca_Desi_Chrom_4_21746588	Ca_desi_chr04	21746588	[T/G]	NA
Ca_Desi_Chrom_4_21747380	Ca_desi_chr04	21747380	[A/C]	NA
Ca_Desi_Chrom_4_21752105	Ca_desi_chr04	21752105	[T/C]	NA
Ca_Desi_Chrom_4_21752109	Ca_desi_chr04	21752109	[A/G]	NA
Ca_Desi_Chrom_4_21752165	Ca_desi_chr04	21752165	[A/G]	NA
Ca_Desi_Chrom_4_21752213	Ca_desi_chr04	21752213	[A/G]	NA
Ca_Desi_Chrom_4_21752228	Ca_desi_chr04	21752228	[A/G]	NA
Ca_Desi_Chrom_4_21752234	Ca_desi_chr04	21752234	[A/G]	NA
Ca_Desi_Chrom_4_21752237	Ca_desi_chr04	21752237	[A/G]	NA
Ca_Desi_Chrom_4_21752246	Ca_desi_chr04	21752246	[T/G]	NA
Ca_Desi_Chrom_4_21752255	Ca_desi_chr04	21752255	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_21752258	Ca_desi_chr04	21752258	[T/C]	NA
Ca_Desi_Chrom_4_21752270	Ca_desi_chr04	21752270	[T/C]	NA
Ca_Desi_Chrom_4_21788204	Ca_desi_chr04	21788204	[A/T]	NA
Ca_Desi_Chrom_4_21806082	Ca_desi_chr04	21806082	[A/C]	NA
Ca_Desi_Chrom_4_21811973	Ca_desi_chr04	21811973	[A/C]	NA
Ca_Desi_Chrom_4_21829118	Ca_desi_chr04	21829118	[A/G]	NA
Ca_Desi_Chrom_4_21829146	Ca_desi_chr04	21829146	[T/C]	NA
Ca_Desi_Chrom_4_21829160	Ca_desi_chr04	21829160	[T/G]	NA
Ca_Desi_Chrom_4_21829165	Ca_desi_chr04	21829165	[T/G]	NA
Ca_Desi_Chrom_4_21830583	Ca_desi_chr04	21830583	[T/A]	NA
Ca_Desi_Chrom_4_21846456	Ca_desi_chr04	21846456	[A/G]	NA
Ca_Desi_Chrom_4_21846482	Ca_desi_chr04	21846482	[T/A]	NA
Ca_Desi_Chrom_4_21846507	Ca_desi_chr04	21846507	[A/C]	NA
Ca_Desi_Chrom_4_21887275	Ca_desi_chr04	21887275	[C/A]	NA
Ca_Desi_Chrom_4_21887293	Ca_desi_chr04	21887293	[A/C]	NA
Ca_Desi_Chrom_4_21887299	Ca_desi_chr04	21887299	[A/C]	NA
Ca_Desi_Chrom_4_21887305	Ca_desi_chr04	21887305	[A/C]	NA
Ca_Desi_Chrom_4_21895581	Ca_desi_chr04	21895581	[T/G]	NA
Ca_Desi_Chrom_4_21896088	Ca_desi_chr04	21896088	[G/T]	NA
Ca_Desi_Chrom_4_21906328	Ca_desi_chr04	21906328	[T/G]	NA
Ca_Desi_Chrom_4_21924957	Ca_desi_chr04	21924957	[G/T]	NA
Ca_Desi_Chrom_4_21928532	Ca_desi_chr04	21928532	[C/T]	NA
Ca_Desi_Chrom_4_21928536	Ca_desi_chr04	21928536	[C/T]	NA
Ca_Desi_Chrom_4_21967908	Ca_desi_chr04	21967908	[T/C]	NA
Ca_Desi_Chrom_4_21981995	Ca_desi_chr04	21981995	[T/G]	NA
Ca_Desi_Chrom_4_21987497	Ca_desi_chr04	21987497	[T/C]	NA
Ca_Desi_Chrom_4_21987510	Ca_desi_chr04	21987510	[A/C]	NA
Ca_Desi_Chrom_4_21987524	Ca_desi_chr04	21987524	[T/C]	NA
Ca_Desi_Chrom_4_21987527	Ca_desi_chr04	21987527	[A/G]	NA
Ca_Desi_Chrom_4_21987529	Ca_desi_chr04	21987529	[T/C]	NA
Ca_Desi_Chrom_4_22000319	Ca_desi_chr04	22000319	[T/G]	NA
Ca_Desi_Chrom_4_22000353	Ca_desi_chr04	22000353	[T/C]	NA
Ca_Desi_Chrom_4_22000417	Ca_desi_chr04	22000417	[T/C]	NA
Ca_Desi_Chrom_4_22000430	Ca_desi_chr04	22000430	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_4_22000431	Ca_desi_chr04	22000431	[G/T]	NA
Ca_Desi_Chrom_4_22000435	Ca_desi_chr04	22000435	[T/C]	NA
Ca_Desi_Chrom_4_22000449	Ca_desi_chr04	22000449	[T/C]	NA
Ca_Desi_Chrom_4_22035738	Ca_desi_chr04	22035738	[C/G]	NA
Ca_Desi_Chrom_4_22035742	Ca_desi_chr04	22035742	[G/A]	NA
Ca_Desi_Chrom_4_22035744	Ca_desi_chr04	22035744	[A/G]	NA
Ca_Desi_Chrom_4_22035746	Ca_desi_chr04	22035746	[C/A]	NA
Ca_Desi_Chrom_4_22037164	Ca_desi_chr04	22037164	[A/G]	NA
Ca_Desi_Chrom_4_22037167	Ca_desi_chr04	22037167	[A/G]	NA
Ca_Desi_Chrom_4_22037171	Ca_desi_chr04	22037171	[G/A]	NA
Ca_Desi_Chrom_4_22037173	Ca_desi_chr04	22037173	[G/A]	NA
Ca_Desi_Chrom_4_22037195	Ca_desi_chr04	22037195	[T/A]	NA
Ca_Desi_Chrom_4_22037304	Ca_desi_chr04	22037304	[A/G]	NA
Ca_Desi_Chrom_4_22037306	Ca_desi_chr04	22037306	[C/G]	NA
Ca_Desi_Chrom_5_36933	Ca_desi_chr05	36933	[T/G]	NA
Ca_Desi_Chrom_5_36972	Ca_desi_chr05	36972	[A/G]	NA
Ca_Desi_Chrom_5_64605	Ca_desi_chr05	64605	[A/G]	NA
Ca_Desi_Chrom_5_96270	Ca_desi_chr05	96270	[A/G]	NA
Ca_Desi_Chrom_5_96281	Ca_desi_chr05	96281	[A/G]	NA
Ca_Desi_Chrom_5_100208	Ca_desi_chr05	100208	[T/C]	NA
Ca_Desi_Chrom_5_100228	Ca_desi_chr05	100228	[A/C]	NA
Ca_Desi_Chrom_5_100234	Ca_desi_chr05	100234	[T/C]	NA
Ca_Desi_Chrom_5_100239	Ca_desi_chr05	100239	[A/G]	NA
Ca_Desi_Chrom_5_100248	Ca_desi_chr05	100248	[T/C]	NA
Ca_Desi_Chrom_5_100249	Ca_desi_chr05	100249	[A/G]	NA
Ca_Desi_Chrom_5_100307	Ca_desi_chr05	100307	[A/G]	NA
Ca_Desi_Chrom_5_100330	Ca_desi_chr05	100330	[A/G]	NA
Ca_Desi_Chrom_5_100334	Ca_desi_chr05	100334	[A/C]	NA
Ca_Desi_Chrom_5_100967	Ca_desi_chr05	100967	[T/C]	NA
Ca_Desi_Chrom_5_154275	Ca_desi_chr05	154275	[A/C]	NA
Ca_Desi_Chrom_5_154312	Ca_desi_chr05	154312	[A/C]	NA
Ca_Desi_Chrom_5_264254	Ca_desi_chr05	264254	[C/T]	NA
Ca_Desi_Chrom_5_452391	Ca_desi_chr05	452391	[A/G]	NA
Ca_Desi_Chrom_5_452406	Ca_desi_chr05	452406	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_452416	Ca_desi_chr05	452416	[A/G]	NA
Ca_Desi_Chrom_5_452425	Ca_desi_chr05	452425	[T/G]	NA
Ca_Desi_Chrom_5_546601	Ca_desi_chr05	546601	[A/C]	NA
Ca_Desi_Chrom_5_558115	Ca_desi_chr05	558115	[T/G]	NA
Ca_Desi_Chrom_5_558133	Ca_desi_chr05	558133	[T/G]	NA
Ca_Desi_Chrom_5_600687	Ca_desi_chr05	600687	[A/T]	NA
Ca_Desi_Chrom_5_601816	Ca_desi_chr05	601816	[T/C]	NA
Ca_Desi_Chrom_5_601827	Ca_desi_chr05	601827	[T/G]	NA
Ca_Desi_Chrom_5_601838	Ca_desi_chr05	601838	[T/G]	NA
Ca_Desi_Chrom_5_671968	Ca_desi_chr05	671968	[A/G]	NA
Ca_Desi_Chrom_5_671985	Ca_desi_chr05	671985	[T/A]	NA
Ca_Desi_Chrom_5_689741	Ca_desi_chr05	689741	[T/A]	NA
Ca_Desi_Chrom_5_1291893	Ca_desi_chr05	1291893	[T/G]	NA
Ca_Desi_Chrom_5_1291903	Ca_desi_chr05	1291903	[C/A]	NA
Ca_Desi_Chrom_5_1291921	Ca_desi_chr05	1291921	[T/C]	NA
Ca_Desi_Chrom_5_1291939	Ca_desi_chr05	1291939	[A/G]	NA
Ca_Desi_Chrom_5_1291944	Ca_desi_chr05	1291944	[A/G]	NA
Ca_Desi_Chrom_5_1291947	Ca_desi_chr05	1291947	[A/T]	NA
Ca_Desi_Chrom_5_1333612	Ca_desi_chr05	1333612	[T/C]	NA
Ca_Desi_Chrom_5_1333641	Ca_desi_chr05	1333641	[C/T]	NA
Ca_Desi_Chrom_5_1333643	Ca_desi_chr05	1333643	[A/G]	NA
Ca_Desi_Chrom_5_1333644	Ca_desi_chr05	1333644	[A/G]	NA
Ca_Desi_Chrom_5_1333659	Ca_desi_chr05	1333659	[T/C]	NA
Ca_Desi_Chrom_5_1333662	Ca_desi_chr05	1333662	[T/A]	NA
Ca_Desi_Chrom_5_1361879	Ca_desi_chr05	1361879	[T/G]	NA
Ca_Desi_Chrom_5_1385612	Ca_desi_chr05	1385612	[T/A]	NA
Ca_Desi_Chrom_5_1385613	Ca_desi_chr05	1385613	[C/T]	NA
Ca_Desi_Chrom_5_1385614	Ca_desi_chr05	1385614	[G/C]	NA
Ca_Desi_Chrom_5_1385615	Ca_desi_chr05	1385615	[G/T]	NA
Ca_Desi_Chrom_5_1398738	Ca_desi_chr05	1398738	[C/T]	NA
Ca_Desi_Chrom_5_1434852	Ca_desi_chr05	1434852	[T/C]	NA
Ca_Desi_Chrom_5_1435472	Ca_desi_chr05	1435472	[T/A]	NA
Ca_Desi_Chrom_5_1440852	Ca_desi_chr05	1440852	[A/G]	NA
Ca_Desi_Chrom_5_1440857	Ca_desi_chr05	1440857	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_1440868	Ca_desi_chr05	1440868	[T/G]	NA
Ca_Desi_Chrom_5_1440870	Ca_desi_chr05	1440870	[T/C]	NA
Ca_Desi_Chrom_5_1440886	Ca_desi_chr05	1440886	[T/C]	NA
Ca_Desi_Chrom_5_1440891	Ca_desi_chr05	1440891	[T/C]	NA
Ca_Desi_Chrom_5_1440893	Ca_desi_chr05	1440893	[A/G]	NA
Ca_Desi_Chrom_5_1440898	Ca_desi_chr05	1440898	[C/G]	NA
Ca_Desi_Chrom_5_1443892	Ca_desi_chr05	1443892	[A/C]	NA
Ca_Desi_Chrom_5_1443923	Ca_desi_chr05	1443923	[A/C]	NA
Ca_Desi_Chrom_5_1471621	Ca_desi_chr05	1471621	[A/C]	NA
Ca_Desi_Chrom_5_1478118	Ca_desi_chr05	1478118	[T/C]	NA
Ca_Desi_Chrom_5_1478122	Ca_desi_chr05	1478122	[A/C]	NA
Ca_Desi_Chrom_5_1483283	Ca_desi_chr05	1483283	[T/C]	NA
Ca_Desi_Chrom_5_1483285	Ca_desi_chr05	1483285	[T/C]	NA
Ca_Desi_Chrom_5_1483303	Ca_desi_chr05	1483303	[A/G]	NA
Ca_Desi_Chrom_5_1483315	Ca_desi_chr05	1483315	[T/C]	NA
Ca_Desi_Chrom_5_1483319	Ca_desi_chr05	1483319	[A/C]	NA
Ca_Desi_Chrom_5_1483338	Ca_desi_chr05	1483338	[T/C]	NA
Ca_Desi_Chrom_5_1483405	Ca_desi_chr05	1483405	[T/A]	NA
Ca_Desi_Chrom_5_1487902	Ca_desi_chr05	1487902	[T/G]	NA
Ca_Desi_Chrom_5_1498889	Ca_desi_chr05	1498889	[A/T]	NA
Ca_Desi_Chrom_5_1498901	Ca_desi_chr05	1498901	[T/C]	NA
Ca_Desi_Chrom_5_1498905	Ca_desi_chr05	1498905	[A/G]	NA
Ca_Desi_Chrom_5_1498912	Ca_desi_chr05	1498912	[A/G]	NA
Ca_Desi_Chrom_5_1498927	Ca_desi_chr05	1498927	[T/C]	NA
Ca_Desi_Chrom_5_1498930	Ca_desi_chr05	1498930	[T/C]	NA
Ca_Desi_Chrom_5_1498936	Ca_desi_chr05	1498936	[A/C]	NA
Ca_Desi_Chrom_5_1520349	Ca_desi_chr05	1520349	[A/C]	NA
Ca_Desi_Chrom_5_1605735	Ca_desi_chr05	1605735	[T/G]	NA
Ca_Desi_Chrom_5_1605755	Ca_desi_chr05	1605755	[T/G]	NA
Ca_Desi_Chrom_5_1608133	Ca_desi_chr05	1608133	[C/A]	NA
Ca_Desi_Chrom_5_1608134	Ca_desi_chr05	1608134	[A/G]	NA
Ca_Desi_Chrom_5_1615818	Ca_desi_chr05	1615818	[T/G]	NA
Ca_Desi_Chrom_5_1615972	Ca_desi_chr05	1615972	[A/C]	NA
Ca_Desi_Chrom_5_1631169	Ca_desi_chr05	1631169	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_1631216	Ca_desi_chr05	1631216	[A/G]	NA
Ca_Desi_Chrom_5_1671297	Ca_desi_chr05	1671297	[C/A]	NA
Ca_Desi_Chrom_5_1671298	Ca_desi_chr05	1671298	[T/G]	NA
Ca_Desi_Chrom_5_1702543	Ca_desi_chr05	1702543	[A/G]	NA
Ca_Desi_Chrom_5_1702549	Ca_desi_chr05	1702549	[G/A]	NA
Ca_Desi_Chrom_5_1702550	Ca_desi_chr05	1702550	[A/G]	NA
Ca_Desi_Chrom_5_1702551	Ca_desi_chr05	1702551	[G/A]	NA
Ca_Desi_Chrom_5_1702553	Ca_desi_chr05	1702553	[G/A]	NA
Ca_Desi_Chrom_5_1702571	Ca_desi_chr05	1702571	[T/G]	NA
Ca_Desi_Chrom_5_1815460	Ca_desi_chr05	1815460	[T/A]	NA
Ca_Desi_Chrom_5_1914996	Ca_desi_chr05	1914996	[T/C]	NA
Ca_Desi_Chrom_5_1915013	Ca_desi_chr05	1915013	[A/G]	NA
Ca_Desi_Chrom_5_1976226	Ca_desi_chr05	1976226	[A/C]	NA
Ca_Desi_Chrom_5_1980703	Ca_desi_chr05	1980703	[T/C]	NA
Ca_Desi_Chrom_5_1991320	Ca_desi_chr05	1991320	[T/C]	NA
Ca_Desi_Chrom_5_1991364	Ca_desi_chr05	1991364	[A/G]	NA
Ca_Desi_Chrom_5_1993371	Ca_desi_chr05	1993371	[T/G]	NA
Ca_Desi_Chrom_5_2036697	Ca_desi_chr05	2036697	[T/G]	NA
Ca_Desi_Chrom_5_2303670	Ca_desi_chr05	2303670	[T/A]	NA
Ca_Desi_Chrom_5_2319345	Ca_desi_chr05	2319345	[A/G]	NA
Ca_Desi_Chrom_5_2319372	Ca_desi_chr05	2319372	[A/T]	NA
Ca_Desi_Chrom_5_2325476	Ca_desi_chr05	2325476	[T/G]	NA
Ca_Desi_Chrom_5_2340832	Ca_desi_chr05	2340832	[T/G]	NA
Ca_Desi_Chrom_5_2340833	Ca_desi_chr05	2340833	[T/C]	NA
Ca_Desi_Chrom_5_2340835	Ca_desi_chr05	2340835	[T/C]	NA
Ca_Desi_Chrom_5_2357765	Ca_desi_chr05	2357765	[A/T]	NA
Ca_Desi_Chrom_5_2418371	Ca_desi_chr05	2418371	[A/T]	NA
Ca_Desi_Chrom_5_2439381	Ca_desi_chr05	2439381	[T/C]	NA
Ca_Desi_Chrom_5_2524127	Ca_desi_chr05	2524127	[T/G]	NA
Ca_Desi_Chrom_5_2562484	Ca_desi_chr05	2562484	[T/C]	NA
Ca_Desi_Chrom_5_2562488	Ca_desi_chr05	2562488	[A/C]	NA
Ca_Desi_Chrom_5_2562493	Ca_desi_chr05	2562493	[A/G]	NA
Ca_Desi_Chrom_5_2562500	Ca_desi_chr05	2562500	[T/C]	NA
Ca_Desi_Chrom_5_2562505	Ca_desi_chr05	2562505	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_2562518	Ca_desi_chr05	2562518	[A/T]	NA
Ca_Desi_Chrom_5_2562538	Ca_desi_chr05	2562538	[A/G]	NA
Ca_Desi_Chrom_5_2562573	Ca_desi_chr05	2562573	[A/G]	NA
Ca_Desi_Chrom_5_2562575	Ca_desi_chr05	2562575	[A/G]	NA
Ca_Desi_Chrom_5_2562578	Ca_desi_chr05	2562578	[A/G]	NA
Ca_Desi_Chrom_5_2701081	Ca_desi_chr05	2701081	[A/C]	NA
Ca_Desi_Chrom_5_2701090	Ca_desi_chr05	2701090	[T/C]	NA
Ca_Desi_Chrom_5_2743851	Ca_desi_chr05	2743851	[A/C]	NA
Ca_Desi_Chrom_5_2743878	Ca_desi_chr05	2743878	[A/G]	NA
Ca_Desi_Chrom_5_2745071	Ca_desi_chr05	2745071	[T/G]	NA
Ca_Desi_Chrom_5_2875172	Ca_desi_chr05	2875172	[A/C]	NA
Ca_Desi_Chrom_5_2885352	Ca_desi_chr05	2885352	[A/C]	NA
Ca_Desi_Chrom_5_2904483	Ca_desi_chr05	2904483	[G/A]	NA
Ca_Desi_Chrom_5_2904497	Ca_desi_chr05	2904497	[A/C]	NA
Ca_Desi_Chrom_5_2904503	Ca_desi_chr05	2904503	[A/G]	NA
Ca_Desi_Chrom_5_2983562	Ca_desi_chr05	2983562	[T/C]	NA
Ca_Desi_Chrom_5_2983574	Ca_desi_chr05	2983574	[T/C]	NA
Ca_Desi_Chrom_5_3046643	Ca_desi_chr05	3046643	[A/G]	NA
Ca_Desi_Chrom_5_3046656	Ca_desi_chr05	3046656	[A/G]	NA
Ca_Desi_Chrom_5_3047008	Ca_desi_chr05	3047008	[T/A]	NA
Ca_Desi_Chrom_5_3047095	Ca_desi_chr05	3047095	[T/G]	NA
Ca_Desi_Chrom_5_3047175	Ca_desi_chr05	3047175	[A/C]	NA
Ca_Desi_Chrom_5_3047247	Ca_desi_chr05	3047247	[A/G]	NA
Ca_Desi_Chrom_5_3047255	Ca_desi_chr05	3047255	[A/G]	NA
Ca_Desi_Chrom_5_3047265	Ca_desi_chr05	3047265	[A/G]	NA
Ca_Desi_Chrom_5_3047269	Ca_desi_chr05	3047269	[A/G]	NA
Ca_Desi_Chrom_5_3047272	Ca_desi_chr05	3047272	[A/G]	NA
Ca_Desi_Chrom_5_3047276	Ca_desi_chr05	3047276	[T/C]	NA
Ca_Desi_Chrom_5_3047283	Ca_desi_chr05	3047283	[C/T]	NA
Ca_Desi_Chrom_5_3047284	Ca_desi_chr05	3047284	[A/G]	NA
Ca_Desi_Chrom_5_3068414	Ca_desi_chr05	3068414	[T/A]	NA
Ca_Desi_Chrom_5_3068419	Ca_desi_chr05	3068419	[T/C]	NA
Ca_Desi_Chrom_5_3068421	Ca_desi_chr05	3068421	[A/C]	NA
Ca_Desi_Chrom_5_3068436	Ca_desi_chr05	3068436	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_3069867	Ca_desi_chr05	3069867	[T/A]	NA
Ca_Desi_Chrom_5_3069869	Ca_desi_chr05	3069869	[A/C]	NA
Ca_Desi_Chrom_5_3164617	Ca_desi_chr05	3164617	[A/C]	NA
Ca_Desi_Chrom_5_3164623	Ca_desi_chr05	3164623	[A/G]	NA
Ca_Desi_Chrom_5_3177238	Ca_desi_chr05	3177238	[A/G]	NA
Ca_Desi_Chrom_5_3177243	Ca_desi_chr05	3177243	[T/G]	NA
Ca_Desi_Chrom_5_3177246	Ca_desi_chr05	3177246	[T/G]	NA
Ca_Desi_Chrom_5_3177252	Ca_desi_chr05	3177252	[A/G]	NA
Ca_Desi_Chrom_5_3177253	Ca_desi_chr05	3177253	[G/A]	NA
Ca_Desi_Chrom_5_3177257	Ca_desi_chr05	3177257	[A/G]	NA
Ca_Desi_Chrom_5_3177259	Ca_desi_chr05	3177259	[T/C]	NA
Ca_Desi_Chrom_5_3177279	Ca_desi_chr05	3177279	[A/G]	NA
Ca_Desi_Chrom_5_3177299	Ca_desi_chr05	3177299	[T/C]	NA
Ca_Desi_Chrom_5_3214910	Ca_desi_chr05	3214910	[A/C]	NA
Ca_Desi_Chrom_5_3215641	Ca_desi_chr05	3215641	[A/C]	NA
Ca_Desi_Chrom_5_3218116	Ca_desi_chr05	3218116	[A/C]	NA
Ca_Desi_Chrom_5_3218123	Ca_desi_chr05	3218123	[A/G]	NA
Ca_Desi_Chrom_5_3218134	Ca_desi_chr05	3218134	[T/G]	NA
Ca_Desi_Chrom_5_3218138	Ca_desi_chr05	3218138	[T/G]	NA
Ca_Desi_Chrom_5_3218142	Ca_desi_chr05	3218142	[A/G]	NA
Ca_Desi_Chrom_5_3218181	Ca_desi_chr05	3218181	[T/G]	NA
Ca_Desi_Chrom_5_3219073	Ca_desi_chr05	3219073	[T/C]	NA
Ca_Desi_Chrom_5_3219074	Ca_desi_chr05	3219074	[G/T]	NA
Ca_Desi_Chrom_5_3220318	Ca_desi_chr05	3220318	[T/A]	NA
Ca_Desi_Chrom_5_3220319	Ca_desi_chr05	3220319	[C/A]	NA
Ca_Desi_Chrom_5_3220320	Ca_desi_chr05	3220320	[T/G]	NA
Ca_Desi_Chrom_5_3253211	Ca_desi_chr05	3253211	[A/G]	NA
Ca_Desi_Chrom_5_3262387	Ca_desi_chr05	3262387	[T/G]	NA
Ca_Desi_Chrom_5_3264562	Ca_desi_chr05	3264562	[A/G]	NA
Ca_Desi_Chrom_5_3264605	Ca_desi_chr05	3264605	[T/G]	NA
Ca_Desi_Chrom_5_3373975	Ca_desi_chr05	3373975	[A/C]	NA
Ca_Desi_Chrom_5_3373980	Ca_desi_chr05	3373980	[A/G]	NA
Ca_Desi_Chrom_5_3373993	Ca_desi_chr05	3373993	[A/C]	NA
Ca_Desi_Chrom_5_3405272	Ca_desi_chr05	3405272	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_5_3405577	Ca_desig_chr05	3405577	[T/G]	NA
Ca_Desig_Chr_5_3405646	Ca_desig_chr05	3405646	[T/A]	NA
Ca_Desig_Chr_5_3405699	Ca_desig_chr05	3405699	[A/G]	NA
Ca_Desig_Chr_5_3405702	Ca_desig_chr05	3405702	[A/G]	NA
Ca_Desig_Chr_5_3409699	Ca_desig_chr05	3409699	[T/G]	NA
Ca_Desig_Chr_5_3409704	Ca_desig_chr05	3409704	[A/C]	NA
Ca_Desig_Chr_5_3416021	Ca_desig_chr05	3416021	[A/G]	NA
Ca_Desig_Chr_5_3416039	Ca_desig_chr05	3416039	[A/G]	NA
Ca_Desig_Chr_5_3416043	Ca_desig_chr05	3416043	[T/G]	NA
Ca_Desig_Chr_5_3416049	Ca_desig_chr05	3416049	[T/G]	NA
Ca_Desig_Chr_5_3416055	Ca_desig_chr05	3416055	[T/C]	NA
Ca_Desig_Chr_5_3416058	Ca_desig_chr05	3416058	[T/C]	NA
Ca_Desig_Chr_5_3416068	Ca_desig_chr05	3416068	[G/A]	NA
Ca_Desig_Chr_5_3416072	Ca_desig_chr05	3416072	[A/G]	NA
Ca_Desig_Chr_5_3416076	Ca_desig_chr05	3416076	[T/C]	NA
Ca_Desig_Chr_5_3416079	Ca_desig_chr05	3416079	[T/C]	NA
Ca_Desig_Chr_5_3441989	Ca_desig_chr05	3441989	[T/G]	NA
Ca_Desig_Chr_5_3459994	Ca_desig_chr05	3459994	[A/C]	NA
Ca_Desig_Chr_5_3460114	Ca_desig_chr05	3460114	[A/C]	NA
Ca_Desig_Chr_5_3490281	Ca_desig_chr05	3490281	[A/C]	NA
Ca_Desig_Chr_5_3524310	Ca_desig_chr05	3524310	[T/C]	NA
Ca_Desig_Chr_5_3541986	Ca_desig_chr05	3541986	[A/C]	NA
Ca_Desig_Chr_5_3541992	Ca_desig_chr05	3541992	[A/C]	NA
Ca_Desig_Chr_5_4413238	Ca_desig_chr05	4413238	[G/A]	NA
Ca_Desig_Chr_5_4413259	Ca_desig_chr05	4413259	[T/A]	NA
Ca_Desig_Chr_5_4413292	Ca_desig_chr05	4413292	[C/A]	NA
Ca_Desig_Chr_5_4413294	Ca_desig_chr05	4413294	[A/G]	NA
Ca_Desig_Chr_5_4413316	Ca_desig_chr05	4413316	[T/G]	NA
Ca_Desig_Chr_5_4413334	Ca_desig_chr05	4413334	[G/A]	NA
Ca_Desig_Chr_5_4413370	Ca_desig_chr05	4413370	[T/C]	NA
Ca_Desig_Chr_5_4413859	Ca_desig_chr05	4413859	[T/C]	NA
Ca_Desig_Chr_5_4414372	Ca_desig_chr05	4414372	[A/T]	NA
Ca_Desig_Chr_5_4414378	Ca_desig_chr05	4414378	[C/A]	NA
Ca_Desig_Chr_5_4414399	Ca_desig_chr05	4414399	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_4431412	Ca_desi_chr05	4431412	[T/A]	NA
Ca_Desi_Chrom_5_4431415	Ca_desi_chr05	4431415	[T/G]	NA
Ca_Desi_Chrom_5_4447507	Ca_desi_chr05	4447507	[A/C]	NA
Ca_Desi_Chrom_5_4447512	Ca_desi_chr05	4447512	[A/C]	NA
Ca_Desi_Chrom_5_4462169	Ca_desi_chr05	4462169	[A/C]	NA
Ca_Desi_Chrom_5_4519775	Ca_desi_chr05	4519775	[T/C]	NA
Ca_Desi_Chrom_5_4540829	Ca_desi_chr05	4540829	[A/C]	NA
Ca_Desi_Chrom_5_4563108	Ca_desi_chr05	4563108	[A/G]	NA
Ca_Desi_Chrom_5_4563120	Ca_desi_chr05	4563120	[A/G]	NA
Ca_Desi_Chrom_5_4703801	Ca_desi_chr05	4703801	[T/C]	NA
Ca_Desi_Chrom_5_4703804	Ca_desi_chr05	4703804	[A/G]	NA
Ca_Desi_Chrom_5_4703824	Ca_desi_chr05	4703824	[A/G]	NA
Ca_Desi_Chrom_5_4753041	Ca_desi_chr05	4753041	[T/G]	NA
Ca_Desi_Chrom_5_4779900	Ca_desi_chr05	4779900	[A/G]	NA
Ca_Desi_Chrom_5_4779911	Ca_desi_chr05	4779911	[A/C]	NA
Ca_Desi_Chrom_5_4837584	Ca_desi_chr05	4837584	[G/T]	NA
Ca_Desi_Chrom_5_4837586	Ca_desi_chr05	4837586	[T/G]	NA
Ca_Desi_Chrom_5_4837588	Ca_desi_chr05	4837588	[A/T]	NA
Ca_Desi_Chrom_5_4837595	Ca_desi_chr05	4837595	[G/C]	NA
Ca_Desi_Chrom_5_4837598	Ca_desi_chr05	4837598	[A/G]	NA
Ca_Desi_Chrom_5_4837600	Ca_desi_chr05	4837600	[A/G]	NA
Ca_Desi_Chrom_5_4837608	Ca_desi_chr05	4837608	[A/T]	NA
Ca_Desi_Chrom_5_4853671	Ca_desi_chr05	4853671	[T/C]	NA
Ca_Desi_Chrom_5_4909331	Ca_desi_chr05	4909331	[A/G]	NA
Ca_Desi_Chrom_5_4909336	Ca_desi_chr05	4909336	[G/T]	NA
Ca_Desi_Chrom_5_4909338	Ca_desi_chr05	4909338	[C/T]	NA
Ca_Desi_Chrom_5_4910606	Ca_desi_chr05	4910606	[A/C]	NA
Ca_Desi_Chrom_5_4931928	Ca_desi_chr05	4931928	[A/C]	NA
Ca_Desi_Chrom_5_4931951	Ca_desi_chr05	4931951	[A/G]	NA
Ca_Desi_Chrom_5_4939697	Ca_desi_chr05	4939697	[A/G]	NA
Ca_Desi_Chrom_5_4939708	Ca_desi_chr05	4939708	[T/G]	NA
Ca_Desi_Chrom_5_4939710	Ca_desi_chr05	4939710	[T/G]	NA
Ca_Desi_Chrom_5_4939716	Ca_desi_chr05	4939716	[A/G]	NA
Ca_Desi_Chrom_5_4939722	Ca_desi_chr05	4939722	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_4939728	Ca_desi_chr05	4939728	[T/G]	NA
Ca_Desi_Chrom_5_4939731	Ca_desi_chr05	4939731	[A/G]	NA
Ca_Desi_Chrom_5_4939735	Ca_desi_chr05	4939735	[A/G]	NA
Ca_Desi_Chrom_5_4939737	Ca_desi_chr05	4939737	[A/G]	NA
Ca_Desi_Chrom_5_4939742	Ca_desi_chr05	4939742	[T/G]	NA
Ca_Desi_Chrom_5_4939750	Ca_desi_chr05	4939750	[A/G]	NA
Ca_Desi_Chrom_5_4939751	Ca_desi_chr05	4939751	[A/G]	NA
Ca_Desi_Chrom_5_4939754	Ca_desi_chr05	4939754	[T/C]	NA
Ca_Desi_Chrom_5_4951632	Ca_desi_chr05	4951632	[T/C]	NA
Ca_Desi_Chrom_5_5045259	Ca_desi_chr05	5045259	[A/T]	NA
Ca_Desi_Chrom_5_5048631	Ca_desi_chr05	5048631	[A/C]	NA
Ca_Desi_Chrom_5_5115215	Ca_desi_chr05	5115215	[A/G]	NA
Ca_Desi_Chrom_5_5115250	Ca_desi_chr05	5115250	[A/G]	NA
Ca_Desi_Chrom_5_5123280	Ca_desi_chr05	5123280	[C/G]	NA
Ca_Desi_Chrom_5_5123286	Ca_desi_chr05	5123286	[A/G]	NA
Ca_Desi_Chrom_5_5123295	Ca_desi_chr05	5123295	[T/G]	NA
Ca_Desi_Chrom_5_5123297	Ca_desi_chr05	5123297	[T/G]	NA
Ca_Desi_Chrom_5_5209349	Ca_desi_chr05	5209349	[T/C]	NA
Ca_Desi_Chrom_5_5209361	Ca_desi_chr05	5209361	[T/C]	NA
Ca_Desi_Chrom_5_5328665	Ca_desi_chr05	5328665	[A/C]	NA
Ca_Desi_Chrom_5_5361327	Ca_desi_chr05	5361327	[A/G]	NA
Ca_Desi_Chrom_5_5361612	Ca_desi_chr05	5361612	[C/T]	NA
Ca_Desi_Chrom_5_5385395	Ca_desi_chr05	5385395	[A/G]	NA
Ca_Desi_Chrom_5_5495882	Ca_desi_chr05	5495882	[T/A]	NA
Ca_Desi_Chrom_5_5495910	Ca_desi_chr05	5495910	[T/G]	NA
Ca_Desi_Chrom_5_5495913	Ca_desi_chr05	5495913	[C/G]	NA
Ca_Desi_Chrom_5_5495917	Ca_desi_chr05	5495917	[A/G]	NA
Ca_Desi_Chrom_5_5495919	Ca_desi_chr05	5495919	[A/C]	NA
Ca_Desi_Chrom_5_5495922	Ca_desi_chr05	5495922	[C/A]	NA
Ca_Desi_Chrom_5_5495924	Ca_desi_chr05	5495924	[G/C]	NA
Ca_Desi_Chrom_5_5495933	Ca_desi_chr05	5495933	[A/G]	NA
Ca_Desi_Chrom_5_5495935	Ca_desi_chr05	5495935	[A/C]	NA
Ca_Desi_Chrom_5_5506488	Ca_desi_chr05	5506488	[T/G]	NA
Ca_Desi_Chrom_5_5506511	Ca_desi_chr05	5506511	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_5527369	Ca_desi_chr05	5527369	[T/C]	NA
Ca_Desi_Chrom_5_5527416	Ca_desi_chr05	5527416	[A/C]	NA
Ca_Desi_Chrom_5_5528798	Ca_desi_chr05	5528798	[A/G]	NA
Ca_Desi_Chrom_5_5531395	Ca_desi_chr05	5531395	[A/G]	NA
Ca_Desi_Chrom_5_5531396	Ca_desi_chr05	5531396	[A/C]	NA
Ca_Desi_Chrom_5_5531400	Ca_desi_chr05	5531400	[A/T]	NA
Ca_Desi_Chrom_5_5536484	Ca_desi_chr05	5536484	[T/G]	NA
Ca_Desi_Chrom_5_5556030	Ca_desi_chr05	5556030	[A/C]	NA
Ca_Desi_Chrom_5_5556096	Ca_desi_chr05	5556096	[A/C]	NA
Ca_Desi_Chrom_5_5556111	Ca_desi_chr05	5556111	[T/C]	NA
Ca_Desi_Chrom_5_5556241	Ca_desi_chr05	5556241	[T/G]	NA
Ca_Desi_Chrom_5_5556280	Ca_desi_chr05	5556280	[G/T]	NA
Ca_Desi_Chrom_5_5556288	Ca_desi_chr05	5556288	[A/C]	NA
Ca_Desi_Chrom_5_5556354	Ca_desi_chr05	5556354	[T/G]	NA
Ca_Desi_Chrom_5_5556427	Ca_desi_chr05	5556427	[T/G]	NA
Ca_Desi_Chrom_5_5556477	Ca_desi_chr05	5556477	[A/G]	NA
Ca_Desi_Chrom_5_5556480	Ca_desi_chr05	5556480	[A/C]	NA
Ca_Desi_Chrom_5_5617812	Ca_desi_chr05	5617812	[T/G]	NA
Ca_Desi_Chrom_5_5650591	Ca_desi_chr05	5650591	[A/T]	NA
Ca_Desi_Chrom_5_5656111	Ca_desi_chr05	5656111	[T/C]	NA
Ca_Desi_Chrom_5_5656112	Ca_desi_chr05	5656112	[T/C]	NA
Ca_Desi_Chrom_5_5656126	Ca_desi_chr05	5656126	[T/C]	NA
Ca_Desi_Chrom_5_5656153	Ca_desi_chr05	5656153	[T/C]	NA
Ca_Desi_Chrom_5_5656155	Ca_desi_chr05	5656155	[T/C]	NA
Ca_Desi_Chrom_5_5656162	Ca_desi_chr05	5656162	[T/C]	NA
Ca_Desi_Chrom_5_5656171	Ca_desi_chr05	5656171	[A/G]	NA
Ca_Desi_Chrom_5_5656173	Ca_desi_chr05	5656173	[T/C]	NA
Ca_Desi_Chrom_5_5694190	Ca_desi_chr05	5694190	[T/C]	NA
Ca_Desi_Chrom_5_5694203	Ca_desi_chr05	5694203	[A/T]	NA
Ca_Desi_Chrom_5_5700017	Ca_desi_chr05	5700017	[A/C]	NA
Ca_Desi_Chrom_5_5700019	Ca_desi_chr05	5700019	[C/T]	NA
Ca_Desi_Chrom_5_5700025	Ca_desi_chr05	5700025	[A/T]	NA
Ca_Desi_Chrom_5_5700063	Ca_desi_chr05	5700063	[A/C]	NA
Ca_Desi_Chrom_5_5700318	Ca_desi_chr05	5700318	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_5700319	Ca_desi_chr05	5700319	[A/C]	NA
Ca_Desi_Chrom_5_5702668	Ca_desi_chr05	5702668	[T/G]	NA
Ca_Desi_Chrom_5_5702689	Ca_desi_chr05	5702689	[A/G]	NA
Ca_Desi_Chrom_5_5797279	Ca_desi_chr05	5797279	[T/C]	NA
Ca_Desi_Chrom_5_5821472	Ca_desi_chr05	5821472	[T/G]	NA
Ca_Desi_Chrom_5_5902984	Ca_desi_chr05	5902984	[T/G]	NA
Ca_Desi_Chrom_5_5902987	Ca_desi_chr05	5902987	[T/G]	NA
Ca_Desi_Chrom_5_5903030	Ca_desi_chr05	5903030	[A/T]	NA
Ca_Desi_Chrom_5_5963186	Ca_desi_chr05	5963186	[T/G]	NA
Ca_Desi_Chrom_5_5973516	Ca_desi_chr05	5973516	[A/C]	NA
Ca_Desi_Chrom_5_5973528	Ca_desi_chr05	5973528	[T/C]	NA
Ca_Desi_Chrom_5_5973590	Ca_desi_chr05	5973590	[T/C]	NA
Ca_Desi_Chrom_5_5973596	Ca_desi_chr05	5973596	[A/G]	NA
Ca_Desi_Chrom_5_5973605	Ca_desi_chr05	5973605	[A/C]	NA
Ca_Desi_Chrom_5_5973639	Ca_desi_chr05	5973639	[T/C]	NA
Ca_Desi_Chrom_5_5973649	Ca_desi_chr05	5973649	[A/G]	NA
Ca_Desi_Chrom_5_5973687	Ca_desi_chr05	5973687	[T/G]	NA
Ca_Desi_Chrom_5_5973689	Ca_desi_chr05	5973689	[G/A]	NA
Ca_Desi_Chrom_5_5999500	Ca_desi_chr05	5999500	[T/G]	NA
Ca_Desi_Chrom_5_6051569	Ca_desi_chr05	6051569	[T/C]	NA
Ca_Desi_Chrom_5_6088875	Ca_desi_chr05	6088875	[T/G]	NA
Ca_Desi_Chrom_5_6088877	Ca_desi_chr05	6088877	[T/C]	NA
Ca_Desi_Chrom_5_6088881	Ca_desi_chr05	6088881	[T/G]	NA
Ca_Desi_Chrom_5_6088883	Ca_desi_chr05	6088883	[A/G]	NA
Ca_Desi_Chrom_5_6088884	Ca_desi_chr05	6088884	[T/A]	NA
Ca_Desi_Chrom_5_6088894	Ca_desi_chr05	6088894	[G/C]	NA
Ca_Desi_Chrom_5_6088904	Ca_desi_chr05	6088904	[A/G]	NA
Ca_Desi_Chrom_5_6088910	Ca_desi_chr05	6088910	[T/G]	NA
Ca_Desi_Chrom_5_6203237	Ca_desi_chr05	6203237	[A/T]	NA
Ca_Desi_Chrom_5_6204610	Ca_desi_chr05	6204610	[T/G]	NA
Ca_Desi_Chrom_5_6204613	Ca_desi_chr05	6204613	[A/G]	NA
Ca_Desi_Chrom_5_6204615	Ca_desi_chr05	6204615	[A/G]	NA
Ca_Desi_Chrom_5_6204622	Ca_desi_chr05	6204622	[T/G]	NA
Ca_Desi_Chrom_5_6204628	Ca_desi_chr05	6204628	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_6204641	Ca_desi_chr05	6204641	[T/G]	NA
Ca_Desi_Chrom_5_6204661	Ca_desi_chr05	6204661	[A/G]	NA
Ca_Desi_Chrom_5_6204666	Ca_desi_chr05	6204666	[A/C]	NA
Ca_Desi_Chrom_5_6264933	Ca_desi_chr05	6264933	[A/T]	NA
Ca_Desi_Chrom_5_6268419	Ca_desi_chr05	6268419	[T/A]	NA
Ca_Desi_Chrom_5_6321306	Ca_desi_chr05	6321306	[T/G]	NA
Ca_Desi_Chrom_5_6321363	Ca_desi_chr05	6321363	[A/G]	NA
Ca_Desi_Chrom_5_6371514	Ca_desi_chr05	6371514	[A/G]	NA
Ca_Desi_Chrom_5_6376546	Ca_desi_chr05	6376546	[T/A]	NA
Ca_Desi_Chrom_5_6376637	Ca_desi_chr05	6376637	[A/C]	NA
Ca_Desi_Chrom_5_6376650	Ca_desi_chr05	6376650	[A/G]	NA
Ca_Desi_Chrom_5_6383542	Ca_desi_chr05	6383542	[A/G]	NA
Ca_Desi_Chrom_5_6383562	Ca_desi_chr05	6383562	[T/A]	NA
Ca_Desi_Chrom_5_6383641	Ca_desi_chr05	6383641	[T/C]	NA
Ca_Desi_Chrom_5_6383696	Ca_desi_chr05	6383696	[A/C]	NA
Ca_Desi_Chrom_5_6383714	Ca_desi_chr05	6383714	[T/C]	NA
Ca_Desi_Chrom_5_6416789	Ca_desi_chr05	6416789	[A/G]	NA
Ca_Desi_Chrom_5_6437385	Ca_desi_chr05	6437385	[A/G]	NA
Ca_Desi_Chrom_5_6458466	Ca_desi_chr05	6458466	[A/G]	NA
Ca_Desi_Chrom_5_6509675	Ca_desi_chr05	6509675	[T/C]	NA
Ca_Desi_Chrom_5_6509718	Ca_desi_chr05	6509718	[T/G]	NA
Ca_Desi_Chrom_5_6547174	Ca_desi_chr05	6547174	[A/C]	NA
Ca_Desi_Chrom_5_6547198	Ca_desi_chr05	6547198	[T/G]	NA
Ca_Desi_Chrom_5_6547205	Ca_desi_chr05	6547205	[G/T]	NA
Ca_Desi_Chrom_5_6547207	Ca_desi_chr05	6547207	[T/G]	NA
Ca_Desi_Chrom_5_6547210	Ca_desi_chr05	6547210	[A/G]	NA
Ca_Desi_Chrom_5_6585073	Ca_desi_chr05	6585073	[T/C]	NA
Ca_Desi_Chrom_5_6621480	Ca_desi_chr05	6621480	[T/C]	NA
Ca_Desi_Chrom_5_6621511	Ca_desi_chr05	6621511	[A/G]	NA
Ca_Desi_Chrom_5_6621611	Ca_desi_chr05	6621611	[A/T]	NA
Ca_Desi_Chrom_5_6748718	Ca_desi_chr05	6748718	[A/G]	NA
Ca_Desi_Chrom_5_6748747	Ca_desi_chr05	6748747	[T/C]	NA
Ca_Desi_Chrom_5_6748769	Ca_desi_chr05	6748769	[A/G]	NA
Ca_Desi_Chrom_5_6748785	Ca_desi_chr05	6748785	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_5_6789739	Ca_desig_chr05	6789739	[T/C]	NA
Ca_Desig_Chr_5_6789780	Ca_desig_chr05	6789780	[T/C]	NA
Ca_Desig_Chr_5_6810969	Ca_desig_chr05	6810969	[T/G]	NA
Ca_Desig_Chr_5_6836746	Ca_desig_chr05	6836746	[T/G]	NA
Ca_Desig_Chr_5_6885427	Ca_desig_chr05	6885427	[A/T]	NA
Ca_Desig_Chr_5_6902602	Ca_desig_chr05	6902602	[A/C]	NA
Ca_Desig_Chr_5_7007017	Ca_desig_chr05	7007017	[A/G]	NA
Ca_Desig_Chr_5_7036529	Ca_desig_chr05	7036529	[T/C]	NA
Ca_Desig_Chr_5_7036550	Ca_desig_chr05	7036550	[T/G]	NA
Ca_Desig_Chr_5_7036603	Ca_desig_chr05	7036603	[A/T]	NA
Ca_Desig_Chr_5_7036618	Ca_desig_chr05	7036618	[A/T]	NA
Ca_Desig_Chr_5_7036634	Ca_desig_chr05	7036634	[A/C]	NA
Ca_Desig_Chr_5_7064545	Ca_desig_chr05	7064545	[A/C]	NA
Ca_Desig_Chr_5_7064569	Ca_desig_chr05	7064569	[T/C]	NA
Ca_Desig_Chr_5_7175827	Ca_desig_chr05	7175827	[T/G]	NA
Ca_Desig_Chr_5_7175834	Ca_desig_chr05	7175834	[A/G]	NA
Ca_Desig_Chr_5_7175836	Ca_desig_chr05	7175836	[A/G]	NA
Ca_Desig_Chr_5_7175838	Ca_desig_chr05	7175838	[A/G]	NA
Ca_Desig_Chr_5_7175855	Ca_desig_chr05	7175855	[A/C]	NA
Ca_Desig_Chr_5_7266466	Ca_desig_chr05	7266466	[A/G]	NA
Ca_Desig_Chr_5_7266471	Ca_desig_chr05	7266471	[T/C]	NA
Ca_Desig_Chr_5_7293797	Ca_desig_chr05	7293797	[A/C]	NA
Ca_Desig_Chr_5_7300680	Ca_desig_chr05	7300680	[A/T]	NA
Ca_Desig_Chr_5_7300688	Ca_desig_chr05	7300688	[T/C]	NA
Ca_Desig_Chr_5_7300692	Ca_desig_chr05	7300692	[T/C]	NA
Ca_Desig_Chr_5_7357370	Ca_desig_chr05	7357370	[T/G]	NA
Ca_Desig_Chr_5_7567944	Ca_desig_chr05	7567944	[A/G]	NA
Ca_Desig_Chr_5_7567969	Ca_desig_chr05	7567969	[A/T]	NA
Ca_Desig_Chr_5_7569499	Ca_desig_chr05	7569499	[T/G]	NA
Ca_Desig_Chr_5_7582801	Ca_desig_chr05	7582801	[T/G]	NA
Ca_Desig_Chr_5_7622349	Ca_desig_chr05	7622349	[A/C]	NA
Ca_Desig_Chr_5_7628971	Ca_desig_chr05	7628971	[A/T]	NA
Ca_Desig_Chr_5_7648219	Ca_desig_chr05	7648219	[A/C]	NA
Ca_Desig_Chr_5_7648240	Ca_desig_chr05	7648240	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_7648331	Ca_desi_chr05	7648331	[A/C]	NA
Ca_Desi_Chrom_5_7648411	Ca_desi_chr05	7648411	[T/A]	NA
Ca_Desi_Chrom_5_7648442	Ca_desi_chr05	7648442	[A/C]	NA
Ca_Desi_Chrom_5_7648447	Ca_desi_chr05	7648447	[A/C]	NA
Ca_Desi_Chrom_5_7681731	Ca_desi_chr05	7681731	[A/T]	NA
Ca_Desi_Chrom_5_7699220	Ca_desi_chr05	7699220	[C/G]	NA
Ca_Desi_Chrom_5_7699223	Ca_desi_chr05	7699223	[T/C]	NA
Ca_Desi_Chrom_5_7699239	Ca_desi_chr05	7699239	[T/G]	NA
Ca_Desi_Chrom_5_7699244	Ca_desi_chr05	7699244	[T/G]	NA
Ca_Desi_Chrom_5_7699325	Ca_desi_chr05	7699325	[A/G]	NA
Ca_Desi_Chrom_5_7781390	Ca_desi_chr05	7781390	[A/C]	NA
Ca_Desi_Chrom_5_7791001	Ca_desi_chr05	7791001	[A/C]	NA
Ca_Desi_Chrom_5_7803996	Ca_desi_chr05	7803996	[A/G]	NA
Ca_Desi_Chrom_5_7804020	Ca_desi_chr05	7804020	[G/T]	NA
Ca_Desi_Chrom_5_7804030	Ca_desi_chr05	7804030	[A/G]	NA
Ca_Desi_Chrom_5_7806838	Ca_desi_chr05	7806838	[A/C]	NA
Ca_Desi_Chrom_5_7827564	Ca_desi_chr05	7827564	[G/A]	NA
Ca_Desi_Chrom_5_7827569	Ca_desi_chr05	7827569	[T/G]	NA
Ca_Desi_Chrom_5_7827576	Ca_desi_chr05	7827576	[A/C]	NA
Ca_Desi_Chrom_5_7827644	Ca_desi_chr05	7827644	[A/C]	NA
Ca_Desi_Chrom_5_7827665	Ca_desi_chr05	7827665	[A/C]	NA
Ca_Desi_Chrom_5_7827827	Ca_desi_chr05	7827827	[A/C]	NA
Ca_Desi_Chrom_5_7835454	Ca_desi_chr05	7835454	[T/A]	NA
Ca_Desi_Chrom_5_7835466	Ca_desi_chr05	7835466	[T/G]	NA
Ca_Desi_Chrom_5_7863792	Ca_desi_chr05	7863792	[T/C]	NA
Ca_Desi_Chrom_5_7863803	Ca_desi_chr05	7863803	[A/C]	NA
Ca_Desi_Chrom_5_7863817	Ca_desi_chr05	7863817	[A/G]	NA
Ca_Desi_Chrom_5_7910722	Ca_desi_chr05	7910722	[A/C]	NA
Ca_Desi_Chrom_5_7918717	Ca_desi_chr05	7918717	[T/G]	NA
Ca_Desi_Chrom_5_7932501	Ca_desi_chr05	7932501	[C/A]	NA
Ca_Desi_Chrom_5_7932506	Ca_desi_chr05	7932506	[G/C]	NA
Ca_Desi_Chrom_5_7932507	Ca_desi_chr05	7932507	[C/A]	NA
Ca_Desi_Chrom_5_7932509	Ca_desi_chr05	7932509	[A/C]	NA
Ca_Desi_Chrom_5_7932510	Ca_desi_chr05	7932510	[C/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_7932523	Ca_desi_chr05	7932523	[T/C]	NA
Ca_Desi_Chrom_5_7932525	Ca_desi_chr05	7932525	[T/C]	NA
Ca_Desi_Chrom_5_7932531	Ca_desi_chr05	7932531	[C/T]	NA
Ca_Desi_Chrom_5_7932532	Ca_desi_chr05	7932532	[T/C]	NA
Ca_Desi_Chrom_5_7948554	Ca_desi_chr05	7948554	[A/C]	NA
Ca_Desi_Chrom_5_7953753	Ca_desi_chr05	7953753	[A/C]	NA
Ca_Desi_Chrom_5_7953765	Ca_desi_chr05	7953765	[T/A]	NA
Ca_Desi_Chrom_5_7953770	Ca_desi_chr05	7953770	[A/C]	NA
Ca_Desi_Chrom_5_7962748	Ca_desi_chr05	7962748	[T/G]	NA
Ca_Desi_Chrom_5_7995495	Ca_desi_chr05	7995495	[A/T]	NA
Ca_Desi_Chrom_5_8004788	Ca_desi_chr05	8004788	[T/C]	NA
Ca_Desi_Chrom_5_8050041	Ca_desi_chr05	8050041	[T/C]	NA
Ca_Desi_Chrom_5_8050092	Ca_desi_chr05	8050092	[T/C]	NA
Ca_Desi_Chrom_5_8050165	Ca_desi_chr05	8050165	[T/C]	NA
Ca_Desi_Chrom_5_8050171	Ca_desi_chr05	8050171	[A/G]	NA
Ca_Desi_Chrom_5_8069445	Ca_desi_chr05	8069445	[T/C]	NA
Ca_Desi_Chrom_5_8131674	Ca_desi_chr05	8131674	[A/G]	NA
Ca_Desi_Chrom_5_8151149	Ca_desi_chr05	8151149	[T/G]	NA
Ca_Desi_Chrom_5_8153763	Ca_desi_chr05	8153763	[A/T]	NA
Ca_Desi_Chrom_5_8168421	Ca_desi_chr05	8168421	[C/A]	NA
Ca_Desi_Chrom_5_8256887	Ca_desi_chr05	8256887	[A/G]	NA
Ca_Desi_Chrom_5_8256913	Ca_desi_chr05	8256913	[T/A]	NA
Ca_Desi_Chrom_5_8256925	Ca_desi_chr05	8256925	[T/C]	NA
Ca_Desi_Chrom_5_8256926	Ca_desi_chr05	8256926	[A/G]	NA
Ca_Desi_Chrom_5_8266612	Ca_desi_chr05	8266612	[A/G]	NA
Ca_Desi_Chrom_5_8268219	Ca_desi_chr05	8268219	[T/C]	NA
Ca_Desi_Chrom_5_8268309	Ca_desi_chr05	8268309	[T/G]	NA
Ca_Desi_Chrom_5_8275380	Ca_desi_chr05	8275380	[T/G]	NA
Ca_Desi_Chrom_5_8389017	Ca_desi_chr05	8389017	[T/C]	NA
Ca_Desi_Chrom_5_8389029	Ca_desi_chr05	8389029	[T/G]	NA
Ca_Desi_Chrom_5_8454486	Ca_desi_chr05	8454486	[T/C]	NA
Ca_Desi_Chrom_5_8454497	Ca_desi_chr05	8454497	[A/G]	NA
Ca_Desi_Chrom_5_8454501	Ca_desi_chr05	8454501	[T/G]	NA
Ca_Desi_Chrom_5_8454507	Ca_desi_chr05	8454507	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_8454509	Ca_desi_chr05	8454509	[T/G]	NA
Ca_Desi_Chrom_5_8454514	Ca_desi_chr05	8454514	[T/G]	NA
Ca_Desi_Chrom_5_8454517	Ca_desi_chr05	8454517	[C/G]	NA
Ca_Desi_Chrom_5_8454541	Ca_desi_chr05	8454541	[T/C]	NA
Ca_Desi_Chrom_5_8488000	Ca_desi_chr05	8488000	[T/C]	NA
Ca_Desi_Chrom_5_8510520	Ca_desi_chr05	8510520	[T/C]	NA
Ca_Desi_Chrom_5_8511251	Ca_desi_chr05	8511251	[A/T]	NA
Ca_Desi_Chrom_5_8511252	Ca_desi_chr05	8511252	[A/C]	NA
Ca_Desi_Chrom_5_8511253	Ca_desi_chr05	8511253	[G/T]	NA
Ca_Desi_Chrom_5_8511304	Ca_desi_chr05	8511304	[A/C]	NA
Ca_Desi_Chrom_5_8511476	Ca_desi_chr05	8511476	[A/G]	NA
Ca_Desi_Chrom_5_8511572	Ca_desi_chr05	8511572	[A/T]	NA
Ca_Desi_Chrom_5_8515255	Ca_desi_chr05	8515255	[A/G]	NA
Ca_Desi_Chrom_5_8515283	Ca_desi_chr05	8515283	[A/C]	NA
Ca_Desi_Chrom_5_8515513	Ca_desi_chr05	8515513	[A/G]	NA
Ca_Desi_Chrom_5_8515519	Ca_desi_chr05	8515519	[A/T]	NA
Ca_Desi_Chrom_5_8534414	Ca_desi_chr05	8534414	[T/C]	NA
Ca_Desi_Chrom_5_8534420	Ca_desi_chr05	8534420	[G/A]	NA
Ca_Desi_Chrom_5_8534429	Ca_desi_chr05	8534429	[A/G]	NA
Ca_Desi_Chrom_5_8534454	Ca_desi_chr05	8534454	[A/G]	NA
Ca_Desi_Chrom_5_8545122	Ca_desi_chr05	8545122	[T/C]	NA
Ca_Desi_Chrom_5_8545134	Ca_desi_chr05	8545134	[A/C]	NA
Ca_Desi_Chrom_5_8545143	Ca_desi_chr05	8545143	[T/C]	NA
Ca_Desi_Chrom_5_8545962	Ca_desi_chr05	8545962	[C/A]	NA
Ca_Desi_Chrom_5_8545963	Ca_desi_chr05	8545963	[C/G]	NA
Ca_Desi_Chrom_5_8545964	Ca_desi_chr05	8545964	[T/A]	NA
Ca_Desi_Chrom_5_8545965	Ca_desi_chr05	8545965	[A/T]	NA
Ca_Desi_Chrom_5_8564546	Ca_desi_chr05	8564546	[G/T]	NA
Ca_Desi_Chrom_5_8600365	Ca_desi_chr05	8600365	[A/T]	NA
Ca_Desi_Chrom_5_8600386	Ca_desi_chr05	8600386	[A/G]	NA
Ca_Desi_Chrom_5_8600406	Ca_desi_chr05	8600406	[A/G]	NA
Ca_Desi_Chrom_5_8600425	Ca_desi_chr05	8600425	[T/C]	NA
Ca_Desi_Chrom_5_8627437	Ca_desi_chr05	8627437	[A/T]	NA
Ca_Desi_Chrom_5_8681049	Ca_desi_chr05	8681049	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_8728734	Ca_desi_chr05	8728734	[T/G]	NA
Ca_Desi_Chrom_5_8738931	Ca_desi_chr05	8738931	[T/G]	NA
Ca_Desi_Chrom_5_8764866	Ca_desi_chr05	8764866	[T/C]	NA
Ca_Desi_Chrom_5_8765479	Ca_desi_chr05	8765479	[A/T]	NA
Ca_Desi_Chrom_5_8765480	Ca_desi_chr05	8765480	[G/C]	NA
Ca_Desi_Chrom_5_8765481	Ca_desi_chr05	8765481	[G/T]	NA
Ca_Desi_Chrom_5_8804721	Ca_desi_chr05	8804721	[A/C]	NA
Ca_Desi_Chrom_5_8813565	Ca_desi_chr05	8813565	[A/T]	NA
Ca_Desi_Chrom_5_8813569	Ca_desi_chr05	8813569	[A/C]	NA
Ca_Desi_Chrom_5_8813596	Ca_desi_chr05	8813596	[A/G]	NA
Ca_Desi_Chrom_5_8813608	Ca_desi_chr05	8813608	[A/G]	NA
Ca_Desi_Chrom_5_8839849	Ca_desi_chr05	8839849	[T/G]	NA
Ca_Desi_Chrom_5_8839851	Ca_desi_chr05	8839851	[T/C]	NA
Ca_Desi_Chrom_5_8839857	Ca_desi_chr05	8839857	[T/C]	NA
Ca_Desi_Chrom_5_8842551	Ca_desi_chr05	8842551	[G/A]	NA
Ca_Desi_Chrom_5_8851732	Ca_desi_chr05	8851732	[A/C]	NA
Ca_Desi_Chrom_5_8868697	Ca_desi_chr05	8868697	[A/G]	NA
Ca_Desi_Chrom_5_8868714	Ca_desi_chr05	8868714	[A/T]	NA
Ca_Desi_Chrom_5_9033610	Ca_desi_chr05	9033610	[T/G]	NA
Ca_Desi_Chrom_5_9051729	Ca_desi_chr05	9051729	[A/C]	NA
Ca_Desi_Chrom_5_9065183	Ca_desi_chr05	9065183	[T/C]	NA
Ca_Desi_Chrom_5_9073799	Ca_desi_chr05	9073799	[T/C]	NA
Ca_Desi_Chrom_5_9073862	Ca_desi_chr05	9073862	[A/C]	NA
Ca_Desi_Chrom_5_9073869	Ca_desi_chr05	9073869	[A/G]	NA
Ca_Desi_Chrom_5_9130735	Ca_desi_chr05	9130735	[T/A]	NA
Ca_Desi_Chrom_5_9130736	Ca_desi_chr05	9130736	[A/G]	NA
Ca_Desi_Chrom_5_9130745	Ca_desi_chr05	9130745	[A/G]	NA
Ca_Desi_Chrom_5_9146295	Ca_desi_chr05	9146295	[T/A]	NA
Ca_Desi_Chrom_5_9149804	Ca_desi_chr05	9149804	[G/T]	NA
Ca_Desi_Chrom_5_9149908	Ca_desi_chr05	9149908	[T/C]	NA
Ca_Desi_Chrom_5_9149925	Ca_desi_chr05	9149925	[T/G]	NA
Ca_Desi_Chrom_5_9149946	Ca_desi_chr05	9149946	[A/G]	NA
Ca_Desi_Chrom_5_9159865	Ca_desi_chr05	9159865	[T/C]	NA
Ca_Desi_Chrom_5_9242586	Ca_desi_chr05	9242586	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_9242589	Ca_desi_chr05	9242589	[C/T]	NA
Ca_Desi_Chrom_5_9242592	Ca_desi_chr05	9242592	[C/T]	NA
Ca_Desi_Chrom_5_9252432	Ca_desi_chr05	9252432	[T/C]	NA
Ca_Desi_Chrom_5_9252447	Ca_desi_chr05	9252447	[T/C]	NA
Ca_Desi_Chrom_5_9252450	Ca_desi_chr05	9252450	[A/C]	NA
Ca_Desi_Chrom_5_9252468	Ca_desi_chr05	9252468	[A/G]	NA
Ca_Desi_Chrom_5_9252471	Ca_desi_chr05	9252471	[T/C]	NA
Ca_Desi_Chrom_5_9262321	Ca_desi_chr05	9262321	[A/C]	NA
Ca_Desi_Chrom_5_9276300	Ca_desi_chr05	9276300	[T/C]	NA
Ca_Desi_Chrom_5_9306310	Ca_desi_chr05	9306310	[T/G]	NA
Ca_Desi_Chrom_5_9327067	Ca_desi_chr05	9327067	[T/C]	NA
Ca_Desi_Chrom_5_9334354	Ca_desi_chr05	9334354	[A/T]	NA
Ca_Desi_Chrom_5_9334367	Ca_desi_chr05	9334367	[T/C]	NA
Ca_Desi_Chrom_5_9334376	Ca_desi_chr05	9334376	[T/G]	NA
Ca_Desi_Chrom_5_9334379	Ca_desi_chr05	9334379	[T/C]	NA
Ca_Desi_Chrom_5_9334384	Ca_desi_chr05	9334384	[T/C]	NA
Ca_Desi_Chrom_5_9334387	Ca_desi_chr05	9334387	[T/C]	NA
Ca_Desi_Chrom_5_9334388	Ca_desi_chr05	9334388	[C/T]	NA
Ca_Desi_Chrom_5_9334392	Ca_desi_chr05	9334392	[T/C]	NA
Ca_Desi_Chrom_5_9334394	Ca_desi_chr05	9334394	[C/T]	NA
Ca_Desi_Chrom_5_9334396	Ca_desi_chr05	9334396	[T/C]	NA
Ca_Desi_Chrom_5_9334402	Ca_desi_chr05	9334402	[T/A]	NA
Ca_Desi_Chrom_5_9404637	Ca_desi_chr05	9404637	[A/G]	NA
Ca_Desi_Chrom_5_9404673	Ca_desi_chr05	9404673	[A/G]	NA
Ca_Desi_Chrom_5_9414382	Ca_desi_chr05	9414382	[A/G]	NA
Ca_Desi_Chrom_5_9414393	Ca_desi_chr05	9414393	[T/C]	NA
Ca_Desi_Chrom_5_9414396	Ca_desi_chr05	9414396	[T/C]	NA
Ca_Desi_Chrom_5_9414411	Ca_desi_chr05	9414411	[A/G]	NA
Ca_Desi_Chrom_5_9414427	Ca_desi_chr05	9414427	[A/G]	NA
Ca_Desi_Chrom_5_9443377	Ca_desi_chr05	9443377	[T/G]	NA
Ca_Desi_Chrom_5_9443588	Ca_desi_chr05	9443588	[A/C]	NA
Ca_Desi_Chrom_5_9444431	Ca_desi_chr05	9444431	[A/G]	NA
Ca_Desi_Chrom_5_9558483	Ca_desi_chr05	9558483	[T/G]	NA
Ca_Desi_Chrom_5_9558491	Ca_desi_chr05	9558491	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_9558496	Ca_desi_chr05	9558496	[T/G]	NA
Ca_Desi_Chrom_5_9558500	Ca_desi_chr05	9558500	[T/C]	NA
Ca_Desi_Chrom_5_9564890	Ca_desi_chr05	9564890	[T/A]	NA
Ca_Desi_Chrom_5_9637797	Ca_desi_chr05	9637797	[A/T]	NA
Ca_Desi_Chrom_5_9637811	Ca_desi_chr05	9637811	[T/C]	NA
Ca_Desi_Chrom_5_9637828	Ca_desi_chr05	9637828	[A/G]	NA
Ca_Desi_Chrom_5_9666137	Ca_desi_chr05	9666137	[T/G]	NA
Ca_Desi_Chrom_5_9666142	Ca_desi_chr05	9666142	[T/G]	NA
Ca_Desi_Chrom_5_9724592	Ca_desi_chr05	9724592	[T/G]	NA
Ca_Desi_Chrom_5_9772984	Ca_desi_chr05	9772984	[A/T]	NA
Ca_Desi_Chrom_5_9783887	Ca_desi_chr05	9783887	[T/C]	NA
Ca_Desi_Chrom_5_9783919	Ca_desi_chr05	9783919	[T/G]	NA
Ca_Desi_Chrom_5_9806434	Ca_desi_chr05	9806434	[A/G]	NA
Ca_Desi_Chrom_5_9806620	Ca_desi_chr05	9806620	[A/C]	NA
Ca_Desi_Chrom_5_9806638	Ca_desi_chr05	9806638	[A/C]	NA
Ca_Desi_Chrom_5_9872975	Ca_desi_chr05	9872975	[A/C]	NA
Ca_Desi_Chrom_5_9881537	Ca_desi_chr05	9881537	[T/G]	NA
Ca_Desi_Chrom_5_9885946	Ca_desi_chr05	9885946	[T/G]	NA
Ca_Desi_Chrom_5_9885955	Ca_desi_chr05	9885955	[A/G]	NA
Ca_Desi_Chrom_5_9885967	Ca_desi_chr05	9885967	[T/C]	NA
Ca_Desi_Chrom_5_9885970	Ca_desi_chr05	9885970	[T/C]	NA
Ca_Desi_Chrom_5_9895834	Ca_desi_chr05	9895834	[T/G]	NA
Ca_Desi_Chrom_5_9945176	Ca_desi_chr05	9945176	[G/T]	NA
Ca_Desi_Chrom_5_9946931	Ca_desi_chr05	9946931	[G/T]	NA
Ca_Desi_Chrom_5_9946938	Ca_desi_chr05	9946938	[A/G]	NA
Ca_Desi_Chrom_5_9947007	Ca_desi_chr05	9947007	[T/C]	NA
Ca_Desi_Chrom_5_9947052	Ca_desi_chr05	9947052	[T/C]	NA
Ca_Desi_Chrom_5_9962810	Ca_desi_chr05	9962810	[A/C]	NA
Ca_Desi_Chrom_5_9972166	Ca_desi_chr05	9972166	[T/A]	NA
Ca_Desi_Chrom_5_10077108	Ca_desi_chr05	10077108	[T/G]	NA
Ca_Desi_Chrom_5_10077114	Ca_desi_chr05	10077114	[A/G]	NA
Ca_Desi_Chrom_5_10105094	Ca_desi_chr05	10105094	[T/G]	NA
Ca_Desi_Chrom_5_10105466	Ca_desi_chr05	10105466	[A/C]	NA
Ca_Desi_Chrom_5_10109391	Ca_desi_chr05	10109391	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_10109431	Ca_desi_chr05	10109431	[A/G]	NA
Ca_Desi_Chrom_5_10109481	Ca_desi_chr05	10109481	[T/C]	NA
Ca_Desi_Chrom_5_10109832	Ca_desi_chr05	10109832	[T/C]	NA
Ca_Desi_Chrom_5_10109834	Ca_desi_chr05	10109834	[A/G]	NA
Ca_Desi_Chrom_5_10109867	Ca_desi_chr05	10109867	[T/C]	NA
Ca_Desi_Chrom_5_10109872	Ca_desi_chr05	10109872	[T/C]	NA
Ca_Desi_Chrom_5_10111956	Ca_desi_chr05	10111956	[T/G]	NA
Ca_Desi_Chrom_5_10111959	Ca_desi_chr05	10111959	[T/G]	NA
Ca_Desi_Chrom_5_10595054	Ca_desi_chr05	10595054	[G/T]	NA
Ca_Desi_Chrom_5_10598483	Ca_desi_chr05	10598483	[A/T]	NA
Ca_Desi_Chrom_5_10598523	Ca_desi_chr05	10598523	[A/C]	NA
Ca_Desi_Chrom_5_10610760	Ca_desi_chr05	10610760	[A/G]	NA
Ca_Desi_Chrom_5_10625145	Ca_desi_chr05	10625145	[A/G]	NA
Ca_Desi_Chrom_5_10625149	Ca_desi_chr05	10625149	[T/C]	NA
Ca_Desi_Chrom_5_10625153	Ca_desi_chr05	10625153	[T/A]	NA
Ca_Desi_Chrom_5_10625168	Ca_desi_chr05	10625168	[T/G]	NA
Ca_Desi_Chrom_5_10625181	Ca_desi_chr05	10625181	[T/G]	NA
Ca_Desi_Chrom_5_10625225	Ca_desi_chr05	10625225	[A/C]	NA
Ca_Desi_Chrom_5_10625356	Ca_desi_chr05	10625356	[A/C]	NA
Ca_Desi_Chrom_5_10743453	Ca_desi_chr05	10743453	[A/C]	NA
Ca_Desi_Chrom_5_10744185	Ca_desi_chr05	10744185	[T/C]	NA
Ca_Desi_Chrom_5_10744224	Ca_desi_chr05	10744224	[A/C]	NA
Ca_Desi_Chrom_5_10744341	Ca_desi_chr05	10744341	[A/C]	NA
Ca_Desi_Chrom_5_10763827	Ca_desi_chr05	10763827	[T/C]	NA
Ca_Desi_Chrom_5_10763867	Ca_desi_chr05	10763867	[T/G]	NA
Ca_Desi_Chrom_5_10763903	Ca_desi_chr05	10763903	[G/A]	NA
Ca_Desi_Chrom_5_10793641	Ca_desi_chr05	10793641	[A/C]	NA
Ca_Desi_Chrom_5_10793651	Ca_desi_chr05	10793651	[T/C]	NA
Ca_Desi_Chrom_5_10836604	Ca_desi_chr05	10836604	[G/T]	NA
Ca_Desi_Chrom_5_10836623	Ca_desi_chr05	10836623	[A/C]	NA
Ca_Desi_Chrom_5_10836637	Ca_desi_chr05	10836637	[T/C]	NA
Ca_Desi_Chrom_5_10852928	Ca_desi_chr05	10852928	[G/A]	NA
Ca_Desi_Chrom_5_10852929	Ca_desi_chr05	10852929	[A/T]	NA
Ca_Desi_Chrom_5_10852931	Ca_desi_chr05	10852931	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_10865753	Ca_desi_chr05	10865753	[T/C]	NA
Ca_Desi_Chrom_5_10865760	Ca_desi_chr05	10865760	[T/C]	NA
Ca_Desi_Chrom_5_10888364	Ca_desi_chr05	10888364	[A/C]	NA
Ca_Desi_Chrom_5_10914643	Ca_desi_chr05	10914643	[T/G]	NA
Ca_Desi_Chrom_5_10960809	Ca_desi_chr05	10960809	[T/G]	NA
Ca_Desi_Chrom_5_10960811	Ca_desi_chr05	10960811	[A/G]	NA
Ca_Desi_Chrom_5_10960813	Ca_desi_chr05	10960813	[C/T]	NA
Ca_Desi_Chrom_5_10973116	Ca_desi_chr05	10973116	[A/C]	NA
Ca_Desi_Chrom_5_10973119	Ca_desi_chr05	10973119	[A/C]	NA
Ca_Desi_Chrom_5_11028658	Ca_desi_chr05	11028658	[C/G]	NA
Ca_Desi_Chrom_5_11028670	Ca_desi_chr05	11028670	[C/A]	NA
Ca_Desi_Chrom_5_11028684	Ca_desi_chr05	11028684	[A/C]	NA
Ca_Desi_Chrom_5_11029092	Ca_desi_chr05	11029092	[T/G]	NA
Ca_Desi_Chrom_5_11029108	Ca_desi_chr05	11029108	[A/T]	NA
Ca_Desi_Chrom_5_11038446	Ca_desi_chr05	11038446	[T/C]	NA
Ca_Desi_Chrom_5_11038453	Ca_desi_chr05	11038453	[T/C]	NA
Ca_Desi_Chrom_5_11063910	Ca_desi_chr05	11063910	[C/G]	NA
Ca_Desi_Chrom_5_11143975	Ca_desi_chr05	11143975	[C/T]	NA
Ca_Desi_Chrom_5_11160609	Ca_desi_chr05	11160609	[A/G]	NA
Ca_Desi_Chrom_5_11160614	Ca_desi_chr05	11160614	[T/C]	NA
Ca_Desi_Chrom_5_11160620	Ca_desi_chr05	11160620	[C/G]	NA
Ca_Desi_Chrom_5_11160623	Ca_desi_chr05	11160623	[A/G]	NA
Ca_Desi_Chrom_5_11160626	Ca_desi_chr05	11160626	[T/C]	NA
Ca_Desi_Chrom_5_11160633	Ca_desi_chr05	11160633	[T/C]	NA
Ca_Desi_Chrom_5_11160638	Ca_desi_chr05	11160638	[T/C]	NA
Ca_Desi_Chrom_5_11160641	Ca_desi_chr05	11160641	[A/G]	NA
Ca_Desi_Chrom_5_11160652	Ca_desi_chr05	11160652	[T/C]	NA
Ca_Desi_Chrom_5_11160656	Ca_desi_chr05	11160656	[T/C]	NA
Ca_Desi_Chrom_5_11160660	Ca_desi_chr05	11160660	[T/C]	NA
Ca_Desi_Chrom_5_11160669	Ca_desi_chr05	11160669	[T/C]	NA
Ca_Desi_Chrom_5_11205333	Ca_desi_chr05	11205333	[T/A]	NA
Ca_Desi_Chrom_5_11214425	Ca_desi_chr05	11214425	[A/G]	NA
Ca_Desi_Chrom_5_11214446	Ca_desi_chr05	11214446	[T/G]	NA
Ca_Desi_Chrom_5_11214451	Ca_desi_chr05	11214451	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_5_11214453	Ca_desig_chr05	11214453	[A/G]	NA
Ca_Desig_Chr_5_11214457	Ca_desig_chr05	11214457	[T/G]	NA
Ca_Desig_Chr_5_11392894	Ca_desig_chr05	11392894	[A/G]	NA
Ca_Desig_Chr_5_11400385	Ca_desig_chr05	11400385	[T/G]	NA
Ca_Desig_Chr_5_11406738	Ca_desig_chr05	11406738	[T/C]	NA
Ca_Desig_Chr_5_11406771	Ca_desig_chr05	11406771	[T/C]	NA
Ca_Desig_Chr_5_11406840	Ca_desig_chr05	11406840	[A/G]	NA
Ca_Desig_Chr_5_11407014	Ca_desig_chr05	11407014	[A/C]	NA
Ca_Desig_Chr_5_11437653	Ca_desig_chr05	11437653	[G/T]	NA
Ca_Desig_Chr_5_11437775	Ca_desig_chr05	11437775	[A/T]	NA
Ca_Desig_Chr_5_11437777	Ca_desig_chr05	11437777	[C/G]	NA
Ca_Desig_Chr_5_11514037	Ca_desig_chr05	11514037	[A/T]	NA
Ca_Desig_Chr_5_11514041	Ca_desig_chr05	11514041	[A/C]	NA
Ca_Desig_Chr_5_11514043	Ca_desig_chr05	11514043	[A/C]	NA
Ca_Desig_Chr_5_11514053	Ca_desig_chr05	11514053	[A/G]	NA
Ca_Desig_Chr_5_11514057	Ca_desig_chr05	11514057	[T/C]	NA
Ca_Desig_Chr_5_11514074	Ca_desig_chr05	11514074	[T/C]	NA
Ca_Desig_Chr_5_11514078	Ca_desig_chr05	11514078	[T/C]	NA
Ca_Desig_Chr_5_11589918	Ca_desig_chr05	11589918	[T/G]	NA
Ca_Desig_Chr_5_11604545	Ca_desig_chr05	11604545	[T/G]	NA
Ca_Desig_Chr_5_11604585	Ca_desig_chr05	11604585	[G/T]	NA
Ca_Desig_Chr_5_11604659	Ca_desig_chr05	11604659	[T/C]	NA
Ca_Desig_Chr_5_11604679	Ca_desig_chr05	11604679	[T/G]	NA
Ca_Desig_Chr_5_11604681	Ca_desig_chr05	11604681	[T/G]	NA
Ca_Desig_Chr_5_11604691	Ca_desig_chr05	11604691	[A/G]	NA
Ca_Desig_Chr_5_11604698	Ca_desig_chr05	11604698	[T/C]	NA
Ca_Desig_Chr_5_11609169	Ca_desig_chr05	11609169	[G/T]	NA
Ca_Desig_Chr_5_11609170	Ca_desig_chr05	11609170	[A/T]	NA
Ca_Desig_Chr_5_11616547	Ca_desig_chr05	11616547	[G/C]	NA
Ca_Desig_Chr_5_11656990	Ca_desig_chr05	11656990	[T/G]	NA
Ca_Desig_Chr_5_11657030	Ca_desig_chr05	11657030	[T/C]	NA
Ca_Desig_Chr_5_11657035	Ca_desig_chr05	11657035	[T/C]	NA
Ca_Desig_Chr_5_11685392	Ca_desig_chr05	11685392	[T/C]	NA
Ca_Desig_Chr_5_11685412	Ca_desig_chr05	11685412	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_11685416	Ca_desi_chr05	11685416	[T/C]	NA
Ca_Desi_Chrom_5_11685421	Ca_desi_chr05	11685421	[A/G]	NA
Ca_Desi_Chrom_5_11733909	Ca_desi_chr05	11733909	[A/C]	NA
Ca_Desi_Chrom_5_11752359	Ca_desi_chr05	11752359	[T/G]	NA
Ca_Desi_Chrom_5_11753756	Ca_desi_chr05	11753756	[T/A]	NA
Ca_Desi_Chrom_5_11793251	Ca_desi_chr05	11793251	[C/A]	NA
Ca_Desi_Chrom_5_11793252	Ca_desi_chr05	11793252	[T/G]	NA
Ca_Desi_Chrom_5_11793291	Ca_desi_chr05	11793291	[A/C]	NA
Ca_Desi_Chrom_5_11793302	Ca_desi_chr05	11793302	[T/C]	NA
Ca_Desi_Chrom_5_11795551	Ca_desi_chr05	11795551	[A/C]	NA
Ca_Desi_Chrom_5_11868634	Ca_desi_chr05	11868634	[A/C]	NA
Ca_Desi_Chrom_5_11868638	Ca_desi_chr05	11868638	[A/T]	NA
Ca_Desi_Chrom_5_11868639	Ca_desi_chr05	11868639	[G/C]	NA
Ca_Desi_Chrom_5_11870348	Ca_desi_chr05	11870348	[A/C]	NA
Ca_Desi_Chrom_5_11973730	Ca_desi_chr05	11973730	[T/G]	NA
Ca_Desi_Chrom_5_11973786	Ca_desi_chr05	11973786	[T/C]	NA
Ca_Desi_Chrom_5_11987499	Ca_desi_chr05	11987499	[A/C]	NA
Ca_Desi_Chrom_5_11989946	Ca_desi_chr05	11989946	[T/C]	NA
Ca_Desi_Chrom_5_11990014	Ca_desi_chr05	11990014	[A/G]	NA
Ca_Desi_Chrom_5_12010099	Ca_desi_chr05	12010099	[A/G]	NA
Ca_Desi_Chrom_5_12010101	Ca_desi_chr05	12010101	[T/G]	NA
Ca_Desi_Chrom_5_12029705	Ca_desi_chr05	12029705	[T/G]	NA
Ca_Desi_Chrom_5_12036244	Ca_desi_chr05	12036244	[T/G]	NA
Ca_Desi_Chrom_5_12036278	Ca_desi_chr05	12036278	[A/C]	NA
Ca_Desi_Chrom_5_12037326	Ca_desi_chr05	12037326	[T/G]	NA
Ca_Desi_Chrom_5_12037340	Ca_desi_chr05	12037340	[T/C]	NA
Ca_Desi_Chrom_5_12079134	Ca_desi_chr05	12079134	[T/G]	NA
Ca_Desi_Chrom_5_12107002	Ca_desi_chr05	12107002	[A/G]	NA
Ca_Desi_Chrom_5_12112980	Ca_desi_chr05	12112980	[C/T]	NA
Ca_Desi_Chrom_5_12148739	Ca_desi_chr05	12148739	[A/C]	NA
Ca_Desi_Chrom_5_12148774	Ca_desi_chr05	12148774	[T/A]	NA
Ca_Desi_Chrom_5_12225476	Ca_desi_chr05	12225476	[A/C]	NA
Ca_Desi_Chrom_5_12361818	Ca_desi_chr05	12361818	[A/G]	NA
Ca_Desi_Chrom_5_12361972	Ca_desi_chr05	12361972	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_12393527	Ca_desi_chr05	12393527	[A/G]	NA
Ca_Desi_Chrom_5_12393547	Ca_desi_chr05	12393547	[T/C]	NA
Ca_Desi_Chrom_5_12393549	Ca_desi_chr05	12393549	[A/G]	NA
Ca_Desi_Chrom_5_12393553	Ca_desi_chr05	12393553	[A/G]	NA
Ca_Desi_Chrom_5_12393557	Ca_desi_chr05	12393557	[A/G]	NA
Ca_Desi_Chrom_5_12393562	Ca_desi_chr05	12393562	[T/G]	NA
Ca_Desi_Chrom_5_12393571	Ca_desi_chr05	12393571	[T/C]	NA
Ca_Desi_Chrom_5_12393573	Ca_desi_chr05	12393573	[C/G]	NA
Ca_Desi_Chrom_5_12393584	Ca_desi_chr05	12393584	[T/C]	NA
Ca_Desi_Chrom_5_12393609	Ca_desi_chr05	12393609	[T/G]	NA
Ca_Desi_Chrom_5_12393792	Ca_desi_chr05	12393792	[T/C]	NA
Ca_Desi_Chrom_5_12393793	Ca_desi_chr05	12393793	[T/G]	NA
Ca_Desi_Chrom_5_12393808	Ca_desi_chr05	12393808	[A/G]	NA
Ca_Desi_Chrom_5_12396987	Ca_desi_chr05	12396987	[G/A]	NA
Ca_Desi_Chrom_5_12404859	Ca_desi_chr05	12404859	[A/T]	NA
Ca_Desi_Chrom_5_12404871	Ca_desi_chr05	12404871	[A/G]	NA
Ca_Desi_Chrom_5_12404876	Ca_desi_chr05	12404876	[C/A]	NA
Ca_Desi_Chrom_5_12404880	Ca_desi_chr05	12404880	[A/G]	NA
Ca_Desi_Chrom_5_12404890	Ca_desi_chr05	12404890	[T/C]	NA
Ca_Desi_Chrom_5_12404898	Ca_desi_chr05	12404898	[A/C]	NA
Ca_Desi_Chrom_5_12404902	Ca_desi_chr05	12404902	[A/G]	NA
Ca_Desi_Chrom_5_12404904	Ca_desi_chr05	12404904	[A/G]	NA
Ca_Desi_Chrom_5_12406448	Ca_desi_chr05	12406448	[A/C]	NA
Ca_Desi_Chrom_5_12434400	Ca_desi_chr05	12434400	[T/G]	NA
Ca_Desi_Chrom_5_12461772	Ca_desi_chr05	12461772	[C/A]	NA
Ca_Desi_Chrom_5_12461782	Ca_desi_chr05	12461782	[A/C]	NA
Ca_Desi_Chrom_5_12461786	Ca_desi_chr05	12461786	[C/A]	NA
Ca_Desi_Chrom_5_12467135	Ca_desi_chr05	12467135	[T/C]	NA
Ca_Desi_Chrom_5_12467236	Ca_desi_chr05	12467236	[G/T]	NA
Ca_Desi_Chrom_5_12467266	Ca_desi_chr05	12467266	[A/G]	NA
Ca_Desi_Chrom_5_12467268	Ca_desi_chr05	12467268	[C/T]	NA
Ca_Desi_Chrom_5_12467275	Ca_desi_chr05	12467275	[T/G]	NA
Ca_Desi_Chrom_5_12467279	Ca_desi_chr05	12467279	[T/C]	NA
Ca_Desi_Chrom_5_12467282	Ca_desi_chr05	12467282	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_12467283	Ca_desi_chr05	12467283	[A/G]	NA
Ca_Desi_Chrom_5_12467284	Ca_desi_chr05	12467284	[A/G]	NA
Ca_Desi_Chrom_5_12467285	Ca_desi_chr05	12467285	[A/G]	NA
Ca_Desi_Chrom_5_12485019	Ca_desi_chr05	12485019	[A/C]	NA
Ca_Desi_Chrom_5_12485024	Ca_desi_chr05	12485024	[A/G]	NA
Ca_Desi_Chrom_5_12485026	Ca_desi_chr05	12485026	[T/A]	NA
Ca_Desi_Chrom_5_12485034	Ca_desi_chr05	12485034	[T/C]	NA
Ca_Desi_Chrom_5_12485036	Ca_desi_chr05	12485036	[A/G]	NA
Ca_Desi_Chrom_5_12485049	Ca_desi_chr05	12485049	[T/C]	NA
Ca_Desi_Chrom_5_12487417	Ca_desi_chr05	12487417	[A/T]	NA
Ca_Desi_Chrom_5_12490013	Ca_desi_chr05	12490013	[C/A]	NA
Ca_Desi_Chrom_5_12539353	Ca_desi_chr05	12539353	[C/A]	NA
Ca_Desi_Chrom_5_12539354	Ca_desi_chr05	12539354	[C/G]	NA
Ca_Desi_Chrom_5_12600166	Ca_desi_chr05	12600166	[T/G]	NA
Ca_Desi_Chrom_5_12605174	Ca_desi_chr05	12605174	[T/G]	NA
Ca_Desi_Chrom_5_12606408	Ca_desi_chr05	12606408	[A/G]	NA
Ca_Desi_Chrom_5_12636617	Ca_desi_chr05	12636617	[A/C]	NA
Ca_Desi_Chrom_5_12636623	Ca_desi_chr05	12636623	[A/C]	NA
Ca_Desi_Chrom_5_12701963	Ca_desi_chr05	12701963	[A/C]	NA
Ca_Desi_Chrom_5_12759422	Ca_desi_chr05	12759422	[T/G]	NA
Ca_Desi_Chrom_5_12759567	Ca_desi_chr05	12759567	[T/G]	NA
Ca_Desi_Chrom_5_12763953	Ca_desi_chr05	12763953	[T/C]	NA
Ca_Desi_Chrom_5_12955174	Ca_desi_chr05	12955174	[T/C]	NA
Ca_Desi_Chrom_5_12955233	Ca_desi_chr05	12955233	[A/C]	NA
Ca_Desi_Chrom_5_12955235	Ca_desi_chr05	12955235	[C/A]	NA
Ca_Desi_Chrom_5_12955239	Ca_desi_chr05	12955239	[A/G]	NA
Ca_Desi_Chrom_5_12955246	Ca_desi_chr05	12955246	[A/C]	NA
Ca_Desi_Chrom_5_12955254	Ca_desi_chr05	12955254	[A/C]	NA
Ca_Desi_Chrom_5_12979164	Ca_desi_chr05	12979164	[T/C]	NA
Ca_Desi_Chrom_5_12979391	Ca_desi_chr05	12979391	[T/C]	NA
Ca_Desi_Chrom_5_12979407	Ca_desi_chr05	12979407	[T/C]	NA
Ca_Desi_Chrom_5_12992831	Ca_desi_chr05	12992831	[C/G]	NA
Ca_Desi_Chrom_5_13004532	Ca_desi_chr05	13004532	[C/T]	NA
Ca_Desi_Chrom_5_13004548	Ca_desi_chr05	13004548	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_5_13004551	Ca_desig_chr05	13004551	[A/G]	NA
Ca_Desig_Chr_5_13004552	Ca_desig_chr05	13004552	[A/T]	NA
Ca_Desig_Chr_5_13152770	Ca_desig_chr05	13152770	[A/C]	NA
Ca_Desig_Chr_5_13152811	Ca_desig_chr05	13152811	[T/C]	NA
Ca_Desig_Chr_5_13170683	Ca_desig_chr05	13170683	[T/C]	NA
Ca_Desig_Chr_5_13170686	Ca_desig_chr05	13170686	[A/G]	NA
Ca_Desig_Chr_5_13170698	Ca_desig_chr05	13170698	[T/G]	NA
Ca_Desig_Chr_5_13170708	Ca_desig_chr05	13170708	[T/A]	NA
Ca_Desig_Chr_5_13173580	Ca_desig_chr05	13173580	[A/G]	NA
Ca_Desig_Chr_5_13173613	Ca_desig_chr05	13173613	[T/C]	NA
Ca_Desig_Chr_5_13190974	Ca_desig_chr05	13190974	[G/A]	NA
Ca_Desig_Chr_5_13190975	Ca_desig_chr05	13190975	[G/C]	NA
Ca_Desig_Chr_5_13190987	Ca_desig_chr05	13190987	[C/T]	NA
Ca_Desig_Chr_5_13191923	Ca_desig_chr05	13191923	[G/A]	NA
Ca_Desig_Chr_5_13191966	Ca_desig_chr05	13191966	[C/T]	NA
Ca_Desig_Chr_5_13815426	Ca_desig_chr05	13815426	[T/G]	NA
Ca_Desig_Chr_5_13838359	Ca_desig_chr05	13838359	[T/G]	NA
Ca_Desig_Chr_5_13850044	Ca_desig_chr05	13850044	[T/G]	NA
Ca_Desig_Chr_5_13882651	Ca_desig_chr05	13882651	[G/C]	NA
Ca_Desig_Chr_5_13882652	Ca_desig_chr05	13882652	[G/T]	NA
Ca_Desig_Chr_5_13882678	Ca_desig_chr05	13882678	[A/C]	NA
Ca_Desig_Chr_5_13882695	Ca_desig_chr05	13882695	[G/A]	NA
Ca_Desig_Chr_5_13929239	Ca_desig_chr05	13929239	[A/G]	NA
Ca_Desig_Chr_5_14015931	Ca_desig_chr05	14015931	[T/C]	NA
Ca_Desig_Chr_5_14086022	Ca_desig_chr05	14086022	[T/A]	NA
Ca_Desig_Chr_5_14154057	Ca_desig_chr05	14154057	[T/C]	NA
Ca_Desig_Chr_5_14154083	Ca_desig_chr05	14154083	[T/G]	NA
Ca_Desig_Chr_5_14154088	Ca_desig_chr05	14154088	[A/G]	NA
Ca_Desig_Chr_5_14154115	Ca_desig_chr05	14154115	[A/G]	NA
Ca_Desig_Chr_5_14242265	Ca_desig_chr05	14242265	[G/A]	NA
Ca_Desig_Chr_5_14242294	Ca_desig_chr05	14242294	[T/C]	NA
Ca_Desig_Chr_5_14242311	Ca_desig_chr05	14242311	[G/A]	NA
Ca_Desig_Chr_5_14317110	Ca_desig_chr05	14317110	[T/G]	NA
Ca_Desig_Chr_5_14341079	Ca_desig_chr05	14341079	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_14341106	Ca_desi_chr05	14341106	[A/G]	NA
Ca_Desi_Chrom_5_14343497	Ca_desi_chr05	14343497	[G/T]	NA
Ca_Desi_Chrom_5_14343498	Ca_desi_chr05	14343498	[G/C]	NA
Ca_Desi_Chrom_5_14343499	Ca_desi_chr05	14343499	[T/C]	NA
Ca_Desi_Chrom_5_14343506	Ca_desi_chr05	14343506	[A/G]	NA
Ca_Desi_Chrom_5_14343509	Ca_desi_chr05	14343509	[A/G]	NA
Ca_Desi_Chrom_5_14343512	Ca_desi_chr05	14343512	[T/C]	NA
Ca_Desi_Chrom_5_14343514	Ca_desi_chr05	14343514	[A/C]	NA
Ca_Desi_Chrom_5_14343527	Ca_desi_chr05	14343527	[T/C]	NA
Ca_Desi_Chrom_5_14343530	Ca_desi_chr05	14343530	[A/G]	NA
Ca_Desi_Chrom_5_14343536	Ca_desi_chr05	14343536	[T/C]	NA
Ca_Desi_Chrom_5_14343542	Ca_desi_chr05	14343542	[T/C]	NA
Ca_Desi_Chrom_5_14343547	Ca_desi_chr05	14343547	[A/G]	NA
Ca_Desi_Chrom_5_14343551	Ca_desi_chr05	14343551	[A/G]	NA
Ca_Desi_Chrom_5_14344076	Ca_desi_chr05	14344076	[T/C]	NA
Ca_Desi_Chrom_5_14344085	Ca_desi_chr05	14344085	[A/G]	NA
Ca_Desi_Chrom_5_14344088	Ca_desi_chr05	14344088	[T/C]	NA
Ca_Desi_Chrom_5_14344091	Ca_desi_chr05	14344091	[A/T]	NA
Ca_Desi_Chrom_5_14344094	Ca_desi_chr05	14344094	[T/G]	NA
Ca_Desi_Chrom_5_14344101	Ca_desi_chr05	14344101	[A/G]	NA
Ca_Desi_Chrom_5_14344111	Ca_desi_chr05	14344111	[A/G]	NA
Ca_Desi_Chrom_5_14344115	Ca_desi_chr05	14344115	[A/G]	NA
Ca_Desi_Chrom_5_14344117	Ca_desi_chr05	14344117	[T/C]	NA
Ca_Desi_Chrom_5_14344125	Ca_desi_chr05	14344125	[T/C]	NA
Ca_Desi_Chrom_5_14431431	Ca_desi_chr05	14431431	[A/C]	NA
Ca_Desi_Chrom_5_14622404	Ca_desi_chr05	14622404	[A/C]	NA
Ca_Desi_Chrom_5_14622415	Ca_desi_chr05	14622415	[T/C]	NA
Ca_Desi_Chrom_5_14622433	Ca_desi_chr05	14622433	[T/C]	NA
Ca_Desi_Chrom_5_14869781	Ca_desi_chr05	14869781	[T/C]	NA
Ca_Desi_Chrom_5_15196890	Ca_desi_chr05	15196890	[A/G]	NA
Ca_Desi_Chrom_5_15197106	Ca_desi_chr05	15197106	[C/G]	NA
Ca_Desi_Chrom_5_15239781	Ca_desi_chr05	15239781	[G/C]	NA
Ca_Desi_Chrom_5_15239787	Ca_desi_chr05	15239787	[T/C]	NA
Ca_Desi_Chrom_5_15239788	Ca_desi_chr05	15239788	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_15239790	Ca_desi_chr05	15239790	[G/C]	NA
Ca_Desi_Chrom_5_15239793	Ca_desi_chr05	15239793	[A/C]	NA
Ca_Desi_Chrom_5_15284586	Ca_desi_chr05	15284586	[A/T]	NA
Ca_Desi_Chrom_5_15284589	Ca_desi_chr05	15284589	[A/G]	NA
Ca_Desi_Chrom_5_15284591	Ca_desi_chr05	15284591	[C/T]	NA
Ca_Desi_Chrom_5_15284592	Ca_desi_chr05	15284592	[G/T]	NA
Ca_Desi_Chrom_5_15284594	Ca_desi_chr05	15284594	[T/C]	NA
Ca_Desi_Chrom_5_15284599	Ca_desi_chr05	15284599	[A/G]	NA
Ca_Desi_Chrom_5_15284602	Ca_desi_chr05	15284602	[A/G]	NA
Ca_Desi_Chrom_5_15284605	Ca_desi_chr05	15284605	[A/G]	NA
Ca_Desi_Chrom_5_15284608	Ca_desi_chr05	15284608	[G/C]	NA
Ca_Desi_Chrom_5_15284611	Ca_desi_chr05	15284611	[A/G]	NA
Ca_Desi_Chrom_5_15284613	Ca_desi_chr05	15284613	[A/C]	NA
Ca_Desi_Chrom_5_15284617	Ca_desi_chr05	15284617	[T/C]	NA
Ca_Desi_Chrom_5_15284621	Ca_desi_chr05	15284621	[T/C]	NA
Ca_Desi_Chrom_5_15284624	Ca_desi_chr05	15284624	[T/C]	NA
Ca_Desi_Chrom_5_15284625	Ca_desi_chr05	15284625	[G/T]	NA
Ca_Desi_Chrom_5_15284637	Ca_desi_chr05	15284637	[T/A]	NA
Ca_Desi_Chrom_5_15301225	Ca_desi_chr05	15301225	[G/T]	NA
Ca_Desi_Chrom_5_15369158	Ca_desi_chr05	15369158	[A/C]	NA
Ca_Desi_Chrom_5_15476922	Ca_desi_chr05	15476922	[T/G]	NA
Ca_Desi_Chrom_5_15507393	Ca_desi_chr05	15507393	[T/G]	NA
Ca_Desi_Chrom_5_15508663	Ca_desi_chr05	15508663	[A/T]	NA
Ca_Desi_Chrom_5_15608973	Ca_desi_chr05	15608973	[T/A]	NA
Ca_Desi_Chrom_5_15608977	Ca_desi_chr05	15608977	[A/G]	NA
Ca_Desi_Chrom_5_15608985	Ca_desi_chr05	15608985	[A/G]	NA
Ca_Desi_Chrom_5_15609025	Ca_desi_chr05	15609025	[T/G]	NA
Ca_Desi_Chrom_5_15609054	Ca_desi_chr05	15609054	[A/G]	NA
Ca_Desi_Chrom_5_15609057	Ca_desi_chr05	15609057	[T/G]	NA
Ca_Desi_Chrom_5_15609066	Ca_desi_chr05	15609066	[T/G]	NA
Ca_Desi_Chrom_5_15609083	Ca_desi_chr05	15609083	[A/C]	NA
Ca_Desi_Chrom_5_15952944	Ca_desi_chr05	15952944	[A/C]	NA
Ca_Desi_Chrom_5_16078290	Ca_desi_chr05	16078290	[T/A]	NA
Ca_Desi_Chrom_5_16078300	Ca_desi_chr05	16078300	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_5_16078351	Ca_desi_chr05	16078351	[G/A]	NA
Ca_Desi_Chrom_5_16078357	Ca_desi_chr05	16078357	[A/T]	NA
Ca_Desi_Chrom_5_16081057	Ca_desi_chr05	16081057	[A/C]	NA
Ca_Desi_Chrom_5_16081058	Ca_desi_chr05	16081058	[T/G]	NA
Ca_Desi_Chrom_5_16081061	Ca_desi_chr05	16081061	[T/C]	NA
Ca_Desi_Chrom_5_16081062	Ca_desi_chr05	16081062	[G/T]	NA
Ca_Desi_Chrom_5_16117325	Ca_desi_chr05	16117325	[G/T]	NA
Ca_Desi_Chrom_5_16137743	Ca_desi_chr05	16137743	[T/C]	NA
Ca_Desi_Chrom_5_16137753	Ca_desi_chr05	16137753	[G/A]	NA
Ca_Desi_Chrom_5_16170834	Ca_desi_chr05	16170834	[T/G]	NA
Ca_Desi_Chrom_5_16170915	Ca_desi_chr05	16170915	[G/T]	NA
Ca_Desi_Chrom_6_641359	Ca_desi_chr06	641359	[G/C]	NA
Ca_Desi_Chrom_6_641361	Ca_desi_chr06	641361	[C/A]	NA
Ca_Desi_Chrom_6_641362	Ca_desi_chr06	641362	[A/T]	NA
Ca_Desi_Chrom_6_641363	Ca_desi_chr06	641363	[T/C]	NA
Ca_Desi_Chrom_6_641364	Ca_desi_chr06	641364	[G/T]	NA
Ca_Desi_Chrom_6_646756	Ca_desi_chr06	646756	[T/C]	NA
Ca_Desi_Chrom_6_646757	Ca_desi_chr06	646757	[G/T]	NA
Ca_Desi_Chrom_6_711791	Ca_desi_chr06	711791	[A/G]	NA
Ca_Desi_Chrom_6_760524	Ca_desi_chr06	760524	[T/G]	NA
Ca_Desi_Chrom_6_767007	Ca_desi_chr06	767007	[A/C]	NA
Ca_Desi_Chrom_6_767012	Ca_desi_chr06	767012	[T/C]	NA
Ca_Desi_Chrom_6_767025	Ca_desi_chr06	767025	[A/C]	NA
Ca_Desi_Chrom_6_767035	Ca_desi_chr06	767035	[A/C]	NA
Ca_Desi_Chrom_6_785472	Ca_desi_chr06	785472	[A/C]	NA
Ca_Desi_Chrom_6_785478	Ca_desi_chr06	785478	[A/C]	NA
Ca_Desi_Chrom_6_785489	Ca_desi_chr06	785489	[T/C]	NA
Ca_Desi_Chrom_6_785496	Ca_desi_chr06	785496	[A/G]	NA
Ca_Desi_Chrom_6_785500	Ca_desi_chr06	785500	[T/G]	NA
Ca_Desi_Chrom_6_785531	Ca_desi_chr06	785531	[A/C]	NA
Ca_Desi_Chrom_6_809545	Ca_desi_chr06	809545	[A/C]	NA
Ca_Desi_Chrom_6_816746	Ca_desi_chr06	816746	[T/G]	NA
Ca_Desi_Chrom_6_816823	Ca_desi_chr06	816823	[A/C]	NA
Ca_Desi_Chrom_6_834820	Ca_desi_chr06	834820	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_834839	Ca_desi_chr06	834839	[T/G]	NA
Ca_Desi_Chrom_6_837890	Ca_desi_chr06	837890	[A/G]	NA
Ca_Desi_Chrom_6_837921	Ca_desi_chr06	837921	[G/A]	NA
Ca_Desi_Chrom_6_872308	Ca_desi_chr06	872308	[T/A]	NA
Ca_Desi_Chrom_6_1353076	Ca_desi_chr06	1353076	[T/G]	NA
Ca_Desi_Chrom_6_1385751	Ca_desi_chr06	1385751	[T/C]	NA
Ca_Desi_Chrom_6_1385759	Ca_desi_chr06	1385759	[G/A]	NA
Ca_Desi_Chrom_6_1399383	Ca_desi_chr06	1399383	[A/C]	NA
Ca_Desi_Chrom_6_1400111	Ca_desi_chr06	1400111	[T/C]	NA
Ca_Desi_Chrom_6_1400124	Ca_desi_chr06	1400124	[T/C]	NA
Ca_Desi_Chrom_6_1400152	Ca_desi_chr06	1400152	[A/G]	NA
Ca_Desi_Chrom_6_1404688	Ca_desi_chr06	1404688	[T/C]	NA
Ca_Desi_Chrom_6_1404695	Ca_desi_chr06	1404695	[A/G]	NA
Ca_Desi_Chrom_6_1404699	Ca_desi_chr06	1404699	[T/C]	NA
Ca_Desi_Chrom_6_1404721	Ca_desi_chr06	1404721	[A/G]	NA
Ca_Desi_Chrom_6_1404723	Ca_desi_chr06	1404723	[A/G]	NA
Ca_Desi_Chrom_6_1404734	Ca_desi_chr06	1404734	[A/G]	NA
Ca_Desi_Chrom_6_1428933	Ca_desi_chr06	1428933	[T/G]	NA
Ca_Desi_Chrom_6_1428953	Ca_desi_chr06	1428953	[A/C]	NA
Ca_Desi_Chrom_6_1498051	Ca_desi_chr06	1498051	[T/G]	NA
Ca_Desi_Chrom_6_1530870	Ca_desi_chr06	1530870	[A/T]	NA
Ca_Desi_Chrom_6_1530874	Ca_desi_chr06	1530874	[T/C]	NA
Ca_Desi_Chrom_6_1530883	Ca_desi_chr06	1530883	[T/C]	NA
Ca_Desi_Chrom_6_1530895	Ca_desi_chr06	1530895	[T/G]	NA
Ca_Desi_Chrom_6_1530897	Ca_desi_chr06	1530897	[A/C]	NA
Ca_Desi_Chrom_6_1530910	Ca_desi_chr06	1530910	[T/C]	NA
Ca_Desi_Chrom_6_1608546	Ca_desi_chr06	1608546	[T/G]	NA
Ca_Desi_Chrom_6_1608564	Ca_desi_chr06	1608564	[A/G]	NA
Ca_Desi_Chrom_6_1608570	Ca_desi_chr06	1608570	[T/C]	NA
Ca_Desi_Chrom_6_1608584	Ca_desi_chr06	1608584	[T/A]	NA
Ca_Desi_Chrom_6_1671674	Ca_desi_chr06	1671674	[A/G]	NA
Ca_Desi_Chrom_6_1677536	Ca_desi_chr06	1677536	[A/C]	NA
Ca_Desi_Chrom_6_1677550	Ca_desi_chr06	1677550	[A/C]	NA
Ca_Desi_Chrom_6_1719311	Ca_desi_chr06	1719311	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_1878679	Ca_desi_chr06	1878679	[T/C]	NA
Ca_Desi_Chrom_6_1890600	Ca_desi_chr06	1890600	[C/A]	NA
Ca_Desi_Chrom_6_1908568	Ca_desi_chr06	1908568	[A/G]	NA
Ca_Desi_Chrom_6_1981937	Ca_desi_chr06	1981937	[T/C]	NA
Ca_Desi_Chrom_6_1981943	Ca_desi_chr06	1981943	[A/G]	NA
Ca_Desi_Chrom_6_1988583	Ca_desi_chr06	1988583	[T/G]	NA
Ca_Desi_Chrom_6_1988635	Ca_desi_chr06	1988635	[A/C]	NA
Ca_Desi_Chrom_6_1988649	Ca_desi_chr06	1988649	[T/G]	NA
Ca_Desi_Chrom_6_1988650	Ca_desi_chr06	1988650	[A/T]	NA
Ca_Desi_Chrom_6_1988665	Ca_desi_chr06	1988665	[A/G]	NA
Ca_Desi_Chrom_6_2012657	Ca_desi_chr06	2012657	[T/C]	NA
Ca_Desi_Chrom_6_2012663	Ca_desi_chr06	2012663	[T/C]	NA
Ca_Desi_Chrom_6_2012691	Ca_desi_chr06	2012691	[T/C]	NA
Ca_Desi_Chrom_6_2012704	Ca_desi_chr06	2012704	[A/C]	NA
Ca_Desi_Chrom_6_2012711	Ca_desi_chr06	2012711	[T/C]	NA
Ca_Desi_Chrom_6_2046940	Ca_desi_chr06	2046940	[T/G]	NA
Ca_Desi_Chrom_6_2054992	Ca_desi_chr06	2054992	[T/G]	NA
Ca_Desi_Chrom_6_2055044	Ca_desi_chr06	2055044	[A/C]	NA
Ca_Desi_Chrom_6_2055051	Ca_desi_chr06	2055051	[A/C]	NA
Ca_Desi_Chrom_6_2128596	Ca_desi_chr06	2128596	[T/C]	NA
Ca_Desi_Chrom_6_2128602	Ca_desi_chr06	2128602	[T/G]	NA
Ca_Desi_Chrom_6_2182019	Ca_desi_chr06	2182019	[T/C]	NA
Ca_Desi_Chrom_6_2187070	Ca_desi_chr06	2187070	[T/A]	NA
Ca_Desi_Chrom_6_2187091	Ca_desi_chr06	2187091	[A/C]	NA
Ca_Desi_Chrom_6_2187115	Ca_desi_chr06	2187115	[T/C]	NA
Ca_Desi_Chrom_6_2297822	Ca_desi_chr06	2297822	[T/C]	NA
Ca_Desi_Chrom_6_2297831	Ca_desi_chr06	2297831	[T/C]	NA
Ca_Desi_Chrom_6_2297835	Ca_desi_chr06	2297835	[G/C]	NA
Ca_Desi_Chrom_6_2297853	Ca_desi_chr06	2297853	[T/C]	NA
Ca_Desi_Chrom_6_2297861	Ca_desi_chr06	2297861	[A/G]	NA
Ca_Desi_Chrom_6_2304316	Ca_desi_chr06	2304316	[A/C]	NA
Ca_Desi_Chrom_6_2304317	Ca_desi_chr06	2304317	[G/C]	NA
Ca_Desi_Chrom_6_2304318	Ca_desi_chr06	2304318	[A/G]	NA
Ca_Desi_Chrom_6_2387723	Ca_desi_chr06	2387723	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_2401739	Ca_desi_chr06	2401739	[T/A]	NA
Ca_Desi_Chrom_6_2401789	Ca_desi_chr06	2401789	[T/G]	NA
Ca_Desi_Chrom_6_2409341	Ca_desi_chr06	2409341	[A/G]	NA
Ca_Desi_Chrom_6_2615000	Ca_desi_chr06	2615000	[C/T]	NA
Ca_Desi_Chrom_6_2615001	Ca_desi_chr06	2615001	[T/C]	NA
Ca_Desi_Chrom_6_2694591	Ca_desi_chr06	2694591	[A/G]	NA
Ca_Desi_Chrom_6_2694596	Ca_desi_chr06	2694596	[A/G]	NA
Ca_Desi_Chrom_6_2694630	Ca_desi_chr06	2694630	[T/G]	NA
Ca_Desi_Chrom_6_2708655	Ca_desi_chr06	2708655	[A/T]	NA
Ca_Desi_Chrom_6_2708683	Ca_desi_chr06	2708683	[C/T]	NA
Ca_Desi_Chrom_6_2712681	Ca_desi_chr06	2712681	[A/C]	NA
Ca_Desi_Chrom_6_2721172	Ca_desi_chr06	2721172	[A/G]	NA
Ca_Desi_Chrom_6_2721181	Ca_desi_chr06	2721181	[C/A]	NA
Ca_Desi_Chrom_6_2721251	Ca_desi_chr06	2721251	[A/C]	NA
Ca_Desi_Chrom_6_2840091	Ca_desi_chr06	2840091	[T/C]	NA
Ca_Desi_Chrom_6_2841114	Ca_desi_chr06	2841114	[A/T]	NA
Ca_Desi_Chrom_6_2841126	Ca_desi_chr06	2841126	[T/C]	NA
Ca_Desi_Chrom_6_2841130	Ca_desi_chr06	2841130	[A/G]	NA
Ca_Desi_Chrom_6_2841153	Ca_desi_chr06	2841153	[T/C]	NA
Ca_Desi_Chrom_6_2852350	Ca_desi_chr06	2852350	[A/G]	NA
Ca_Desi_Chrom_6_2852369	Ca_desi_chr06	2852369	[T/C]	NA
Ca_Desi_Chrom_6_2955294	Ca_desi_chr06	2955294	[A/C]	NA
Ca_Desi_Chrom_6_2955297	Ca_desi_chr06	2955297	[C/T]	NA
Ca_Desi_Chrom_6_2955308	Ca_desi_chr06	2955308	[T/A]	NA
Ca_Desi_Chrom_6_2955310	Ca_desi_chr06	2955310	[A/T]	NA
Ca_Desi_Chrom_6_2982105	Ca_desi_chr06	2982105	[T/C]	NA
Ca_Desi_Chrom_6_3293123	Ca_desi_chr06	3293123	[T/C]	NA
Ca_Desi_Chrom_6_3293147	Ca_desi_chr06	3293147	[A/C]	NA
Ca_Desi_Chrom_6_3295359	Ca_desi_chr06	3295359	[A/C]	NA
Ca_Desi_Chrom_6_3307383	Ca_desi_chr06	3307383	[T/C]	NA
Ca_Desi_Chrom_6_3307385	Ca_desi_chr06	3307385	[A/C]	NA
Ca_Desi_Chrom_6_3307395	Ca_desi_chr06	3307395	[T/G]	NA
Ca_Desi_Chrom_6_3358488	Ca_desi_chr06	3358488	[T/G]	NA
Ca_Desi_Chrom_6_3358575	Ca_desi_chr06	3358575	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_3359184	Ca_desi_chr06	3359184	[T/C]	NA
Ca_Desi_Chrom_6_3359206	Ca_desi_chr06	3359206	[A/C]	NA
Ca_Desi_Chrom_6_3377407	Ca_desi_chr06	3377407	[T/G]	NA
Ca_Desi_Chrom_6_3385734	Ca_desi_chr06	3385734	[T/A]	NA
Ca_Desi_Chrom_6_3385743	Ca_desi_chr06	3385743	[T/G]	NA
Ca_Desi_Chrom_6_3385756	Ca_desi_chr06	3385756	[T/G]	NA
Ca_Desi_Chrom_6_3385770	Ca_desi_chr06	3385770	[A/G]	NA
Ca_Desi_Chrom_6_3385772	Ca_desi_chr06	3385772	[T/G]	NA
Ca_Desi_Chrom_6_3385798	Ca_desi_chr06	3385798	[A/T]	NA
Ca_Desi_Chrom_6_3420559	Ca_desi_chr06	3420559	[T/C]	NA
Ca_Desi_Chrom_6_3420684	Ca_desi_chr06	3420684	[A/G]	NA
Ca_Desi_Chrom_6_3437528	Ca_desi_chr06	3437528	[T/A]	NA
Ca_Desi_Chrom_6_3437537	Ca_desi_chr06	3437537	[T/G]	NA
Ca_Desi_Chrom_6_3439456	Ca_desi_chr06	3439456	[T/G]	NA
Ca_Desi_Chrom_6_3439480	Ca_desi_chr06	3439480	[T/C]	NA
Ca_Desi_Chrom_6_3439501	Ca_desi_chr06	3439501	[T/C]	NA
Ca_Desi_Chrom_6_3439510	Ca_desi_chr06	3439510	[T/G]	NA
Ca_Desi_Chrom_6_3439522	Ca_desi_chr06	3439522	[A/G]	NA
Ca_Desi_Chrom_6_3439525	Ca_desi_chr06	3439525	[A/G]	NA
Ca_Desi_Chrom_6_3439531	Ca_desi_chr06	3439531	[T/G]	NA
Ca_Desi_Chrom_6_3439534	Ca_desi_chr06	3439534	[A/G]	NA
Ca_Desi_Chrom_6_3439550	Ca_desi_chr06	3439550	[A/G]	NA
Ca_Desi_Chrom_6_3439555	Ca_desi_chr06	3439555	[A/G]	NA
Ca_Desi_Chrom_6_3456474	Ca_desi_chr06	3456474	[A/T]	NA
Ca_Desi_Chrom_6_3509278	Ca_desi_chr06	3509278	[A/G]	NA
Ca_Desi_Chrom_6_3556652	Ca_desi_chr06	3556652	[T/C]	NA
Ca_Desi_Chrom_6_3556692	Ca_desi_chr06	3556692	[A/G]	NA
Ca_Desi_Chrom_6_3629315	Ca_desi_chr06	3629315	[T/A]	NA
Ca_Desi_Chrom_6_3630697	Ca_desi_chr06	3630697	[A/G]	NA
Ca_Desi_Chrom_6_3630704	Ca_desi_chr06	3630704	[A/G]	NA
Ca_Desi_Chrom_6_3630726	Ca_desi_chr06	3630726	[A/G]	NA
Ca_Desi_Chrom_6_3630748	Ca_desi_chr06	3630748	[T/G]	NA
Ca_Desi_Chrom_6_3630750	Ca_desi_chr06	3630750	[T/A]	NA
Ca_Desi_Chrom_6_3630753	Ca_desi_chr06	3630753	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_3630805	Ca_desi_chr06	3630805	[T/G]	NA
Ca_Desi_Chrom_6_3630810	Ca_desi_chr06	3630810	[T/G]	NA
Ca_Desi_Chrom_6_3635393	Ca_desi_chr06	3635393	[T/C]	NA
Ca_Desi_Chrom_6_3635445	Ca_desi_chr06	3635445	[T/A]	NA
Ca_Desi_Chrom_6_3636833	Ca_desi_chr06	3636833	[T/G]	NA
Ca_Desi_Chrom_6_3778024	Ca_desi_chr06	3778024	[A/G]	NA
Ca_Desi_Chrom_6_3778078	Ca_desi_chr06	3778078	[T/C]	NA
Ca_Desi_Chrom_6_3912449	Ca_desi_chr06	3912449	[A/G]	NA
Ca_Desi_Chrom_6_3912452	Ca_desi_chr06	3912452	[T/G]	NA
Ca_Desi_Chrom_6_3954796	Ca_desi_chr06	3954796	[T/C]	NA
Ca_Desi_Chrom_6_3954808	Ca_desi_chr06	3954808	[T/C]	NA
Ca_Desi_Chrom_6_3954811	Ca_desi_chr06	3954811	[A/G]	NA
Ca_Desi_Chrom_6_3954826	Ca_desi_chr06	3954826	[T/C]	NA
Ca_Desi_Chrom_6_3954829	Ca_desi_chr06	3954829	[A/G]	NA
Ca_Desi_Chrom_6_3954836	Ca_desi_chr06	3954836	[A/C]	NA
Ca_Desi_Chrom_6_3955583	Ca_desi_chr06	3955583	[T/G]	NA
Ca_Desi_Chrom_6_3955615	Ca_desi_chr06	3955615	[T/G]	NA
Ca_Desi_Chrom_6_3955632	Ca_desi_chr06	3955632	[T/C]	NA
Ca_Desi_Chrom_6_3955665	Ca_desi_chr06	3955665	[T/G]	NA
Ca_Desi_Chrom_6_3955706	Ca_desi_chr06	3955706	[A/G]	NA
Ca_Desi_Chrom_6_3956720	Ca_desi_chr06	3956720	[T/G]	NA
Ca_Desi_Chrom_6_3958734	Ca_desi_chr06	3958734	[T/C]	NA
Ca_Desi_Chrom_6_3958754	Ca_desi_chr06	3958754	[T/G]	NA
Ca_Desi_Chrom_6_3958764	Ca_desi_chr06	3958764	[A/C]	NA
Ca_Desi_Chrom_6_3958797	Ca_desi_chr06	3958797	[A/C]	NA
Ca_Desi_Chrom_6_3958860	Ca_desi_chr06	3958860	[A/G]	NA
Ca_Desi_Chrom_6_3958872	Ca_desi_chr06	3958872	[T/G]	NA
Ca_Desi_Chrom_6_4062416	Ca_desi_chr06	4062416	[G/A]	NA
Ca_Desi_Chrom_6_4062428	Ca_desi_chr06	4062428	[C/A]	NA
Ca_Desi_Chrom_6_4072744	Ca_desi_chr06	4072744	[T/C]	NA
Ca_Desi_Chrom_6_4072760	Ca_desi_chr06	4072760	[A/G]	NA
Ca_Desi_Chrom_6_4072763	Ca_desi_chr06	4072763	[A/C]	NA
Ca_Desi_Chrom_6_4072775	Ca_desi_chr06	4072775	[T/C]	NA
Ca_Desi_Chrom_6_4072793	Ca_desi_chr06	4072793	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_4072800	Ca_desi_chr06	4072800	[T/C]	NA
Ca_Desi_Chrom_6_4082183	Ca_desi_chr06	4082183	[T/C]	NA
Ca_Desi_Chrom_6_4082195	Ca_desi_chr06	4082195	[T/G]	NA
Ca_Desi_Chrom_6_4082209	Ca_desi_chr06	4082209	[T/G]	NA
Ca_Desi_Chrom_6_4082221	Ca_desi_chr06	4082221	[A/G]	NA
Ca_Desi_Chrom_6_4082239	Ca_desi_chr06	4082239	[C/G]	NA
Ca_Desi_Chrom_6_4082241	Ca_desi_chr06	4082241	[T/C]	NA
Ca_Desi_Chrom_6_4142557	Ca_desi_chr06	4142557	[T/G]	NA
Ca_Desi_Chrom_6_4142665	Ca_desi_chr06	4142665	[T/A]	NA
Ca_Desi_Chrom_6_4231783	Ca_desi_chr06	4231783	[A/C]	NA
Ca_Desi_Chrom_6_4240873	Ca_desi_chr06	4240873	[A/G]	NA
Ca_Desi_Chrom_6_4240884	Ca_desi_chr06	4240884	[T/G]	NA
Ca_Desi_Chrom_6_4273801	Ca_desi_chr06	4273801	[A/G]	NA
Ca_Desi_Chrom_6_4344336	Ca_desi_chr06	4344336	[T/G]	NA
Ca_Desi_Chrom_6_4358576	Ca_desi_chr06	4358576	[A/G]	NA
Ca_Desi_Chrom_6_4384783	Ca_desi_chr06	4384783	[T/C]	NA
Ca_Desi_Chrom_6_4384784	Ca_desi_chr06	4384784	[G/T]	NA
Ca_Desi_Chrom_6_4384803	Ca_desi_chr06	4384803	[A/C]	NA
Ca_Desi_Chrom_6_4395405	Ca_desi_chr06	4395405	[A/G]	NA
Ca_Desi_Chrom_6_4403586	Ca_desi_chr06	4403586	[A/G]	NA
Ca_Desi_Chrom_6_4403587	Ca_desi_chr06	4403587	[T/G]	NA
Ca_Desi_Chrom_6_4403588	Ca_desi_chr06	4403588	[C/T]	NA
Ca_Desi_Chrom_6_4403589	Ca_desi_chr06	4403589	[T/G]	NA
Ca_Desi_Chrom_6_4464430	Ca_desi_chr06	4464430	[T/G]	NA
Ca_Desi_Chrom_6_4464525	Ca_desi_chr06	4464525	[A/T]	NA
Ca_Desi_Chrom_6_4464527	Ca_desi_chr06	4464527	[A/C]	NA
Ca_Desi_Chrom_6_4553112	Ca_desi_chr06	4553112	[T/G]	NA
Ca_Desi_Chrom_6_4553440	Ca_desi_chr06	4553440	[A/G]	NA
Ca_Desi_Chrom_6_4553465	Ca_desi_chr06	4553465	[A/G]	NA
Ca_Desi_Chrom_6_4553475	Ca_desi_chr06	4553475	[T/C]	NA
Ca_Desi_Chrom_6_4641663	Ca_desi_chr06	4641663	[T/C]	NA
Ca_Desi_Chrom_6_4641674	Ca_desi_chr06	4641674	[A/C]	NA
Ca_Desi_Chrom_6_4641708	Ca_desi_chr06	4641708	[T/G]	NA
Ca_Desi_Chrom_6_4646376	Ca_desi_chr06	4646376	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_4646391	Ca_desi_chr06	4646391	[A/C]	NA
Ca_Desi_Chrom_6_4646393	Ca_desi_chr06	4646393	[A/C]	NA
Ca_Desi_Chrom_6_4646799	Ca_desi_chr06	4646799	[A/T]	NA
Ca_Desi_Chrom_6_4646807	Ca_desi_chr06	4646807	[A/G]	NA
Ca_Desi_Chrom_6_4646819	Ca_desi_chr06	4646819	[A/T]	NA
Ca_Desi_Chrom_6_4646848	Ca_desi_chr06	4646848	[A/C]	NA
Ca_Desi_Chrom_6_4646858	Ca_desi_chr06	4646858	[T/C]	NA
Ca_Desi_Chrom_6_4651071	Ca_desi_chr06	4651071	[A/C]	NA
Ca_Desi_Chrom_6_4651164	Ca_desi_chr06	4651164	[T/C]	NA
Ca_Desi_Chrom_6_4651190	Ca_desi_chr06	4651190	[A/C]	NA
Ca_Desi_Chrom_6_4672196	Ca_desi_chr06	4672196	[T/G]	NA
Ca_Desi_Chrom_6_4697911	Ca_desi_chr06	4697911	[T/G]	NA
Ca_Desi_Chrom_6_4698856	Ca_desi_chr06	4698856	[A/C]	NA
Ca_Desi_Chrom_6_4723758	Ca_desi_chr06	4723758	[C/A]	NA
Ca_Desi_Chrom_6_4723761	Ca_desi_chr06	4723761	[T/G]	NA
Ca_Desi_Chrom_6_4723762	Ca_desi_chr06	4723762	[C/A]	NA
Ca_Desi_Chrom_6_4723763	Ca_desi_chr06	4723763	[T/G]	NA
Ca_Desi_Chrom_6_4733449	Ca_desi_chr06	4733449	[T/G]	NA
Ca_Desi_Chrom_6_4733514	Ca_desi_chr06	4733514	[A/C]	NA
Ca_Desi_Chrom_6_4733525	Ca_desi_chr06	4733525	[T/C]	NA
Ca_Desi_Chrom_6_4733551	Ca_desi_chr06	4733551	[A/C]	NA
Ca_Desi_Chrom_6_4734361	Ca_desi_chr06	4734361	[C/A]	NA
Ca_Desi_Chrom_6_4734362	Ca_desi_chr06	4734362	[T/G]	NA
Ca_Desi_Chrom_6_4734363	Ca_desi_chr06	4734363	[T/A]	NA
Ca_Desi_Chrom_6_4734364	Ca_desi_chr06	4734364	[C/T]	NA
Ca_Desi_Chrom_6_4739968	Ca_desi_chr06	4739968	[T/A]	NA
Ca_Desi_Chrom_6_4739978	Ca_desi_chr06	4739978	[T/G]	NA
Ca_Desi_Chrom_6_4761059	Ca_desi_chr06	4761059	[T/A]	NA
Ca_Desi_Chrom_6_4761060	Ca_desi_chr06	4761060	[A/G]	NA
Ca_Desi_Chrom_6_4792757	Ca_desi_chr06	4792757	[T/G]	NA
Ca_Desi_Chrom_6_4793027	Ca_desi_chr06	4793027	[A/G]	NA
Ca_Desi_Chrom_6_4793035	Ca_desi_chr06	4793035	[A/G]	NA
Ca_Desi_Chrom_6_4793041	Ca_desi_chr06	4793041	[A/G]	NA
Ca_Desi_Chrom_6_4793047	Ca_desi_chr06	4793047	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_6_4793051	Ca_desig_chr06	4793051	[A/C]	NA
Ca_Desig_Chr_6_4793056	Ca_desig_chr06	4793056	[A/G]	NA
Ca_Desig_Chr_6_4793062	Ca_desig_chr06	4793062	[T/C]	NA
Ca_Desig_Chr_6_4793064	Ca_desig_chr06	4793064	[T/C]	NA
Ca_Desig_Chr_6_4793084	Ca_desig_chr06	4793084	[A/G]	NA
Ca_Desig_Chr_6_4793088	Ca_desig_chr06	4793088	[T/A]	NA
Ca_Desig_Chr_6_4793106	Ca_desig_chr06	4793106	[T/C]	NA
Ca_Desig_Chr_6_4793120	Ca_desig_chr06	4793120	[T/G]	NA
Ca_Desig_Chr_6_4793124	Ca_desig_chr06	4793124	[A/G]	NA
Ca_Desig_Chr_6_4793126	Ca_desig_chr06	4793126	[A/G]	NA
Ca_Desig_Chr_6_4793128	Ca_desig_chr06	4793128	[A/G]	NA
Ca_Desig_Chr_6_4793130	Ca_desig_chr06	4793130	[T/G]	NA
Ca_Desig_Chr_6_4793137	Ca_desig_chr06	4793137	[A/G]	NA
Ca_Desig_Chr_6_4793141	Ca_desig_chr06	4793141	[T/G]	NA
Ca_Desig_Chr_6_4793145	Ca_desig_chr06	4793145	[T/C]	NA
Ca_Desig_Chr_6_4793538	Ca_desig_chr06	4793538	[T/A]	NA
Ca_Desig_Chr_6_4794434	Ca_desig_chr06	4794434	[C/A]	NA
Ca_Desig_Chr_6_4794780	Ca_desig_chr06	4794780	[T/C]	NA
Ca_Desig_Chr_6_4794803	Ca_desig_chr06	4794803	[T/C]	NA
Ca_Desig_Chr_6_4799876	Ca_desig_chr06	4799876	[A/T]	NA
Ca_Desig_Chr_6_4799887	Ca_desig_chr06	4799887	[A/T]	NA
Ca_Desig_Chr_6_4804469	Ca_desig_chr06	4804469	[T/C]	NA
Ca_Desig_Chr_6_4807031	Ca_desig_chr06	4807031	[T/G]	NA
Ca_Desig_Chr_6_4807042	Ca_desig_chr06	4807042	[T/A]	NA
Ca_Desig_Chr_6_4807094	Ca_desig_chr06	4807094	[A/T]	NA
Ca_Desig_Chr_6_4820438	Ca_desig_chr06	4820438	[T/C]	NA
Ca_Desig_Chr_6_4820440	Ca_desig_chr06	4820440	[A/C]	NA
Ca_Desig_Chr_6_4820445	Ca_desig_chr06	4820445	[A/C]	NA
Ca_Desig_Chr_6_4820457	Ca_desig_chr06	4820457	[A/C]	NA
Ca_Desig_Chr_6_4820463	Ca_desig_chr06	4820463	[T/C]	NA
Ca_Desig_Chr_6_4820465	Ca_desig_chr06	4820465	[T/C]	NA
Ca_Desig_Chr_6_4820472	Ca_desig_chr06	4820472	[A/C]	NA
Ca_Desig_Chr_6_4820478	Ca_desig_chr06	4820478	[T/C]	NA
Ca_Desig_Chr_6_4836612	Ca_desig_chr06	4836612	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_4836614	Ca_desi_chr06	4836614	[A/C]	NA
Ca_Desi_Chrom_6_4836623	Ca_desi_chr06	4836623	[T/C]	NA
Ca_Desi_Chrom_6_4836631	Ca_desi_chr06	4836631	[A/G]	NA
Ca_Desi_Chrom_6_4836649	Ca_desi_chr06	4836649	[A/G]	NA
Ca_Desi_Chrom_6_4836668	Ca_desi_chr06	4836668	[A/G]	NA
Ca_Desi_Chrom_6_4863652	Ca_desi_chr06	4863652	[A/T]	NA
Ca_Desi_Chrom_6_4863685	Ca_desi_chr06	4863685	[C/A]	NA
Ca_Desi_Chrom_6_4868317	Ca_desi_chr06	4868317	[A/C]	NA
Ca_Desi_Chrom_6_4868402	Ca_desi_chr06	4868402	[A/T]	NA
Ca_Desi_Chrom_6_4868416	Ca_desi_chr06	4868416	[T/G]	NA
Ca_Desi_Chrom_6_4868422	Ca_desi_chr06	4868422	[T/C]	NA
Ca_Desi_Chrom_6_4908422	Ca_desi_chr06	4908422	[T/C]	NA
Ca_Desi_Chrom_6_4909247	Ca_desi_chr06	4909247	[T/G]	NA
Ca_Desi_Chrom_6_4910031	Ca_desi_chr06	4910031	[G/A]	NA
Ca_Desi_Chrom_6_4910422	Ca_desi_chr06	4910422	[C/T]	NA
Ca_Desi_Chrom_6_4910434	Ca_desi_chr06	4910434	[T/C]	NA
Ca_Desi_Chrom_6_4911436	Ca_desi_chr06	4911436	[C/T]	NA
Ca_Desi_Chrom_6_4911475	Ca_desi_chr06	4911475	[T/C]	NA
Ca_Desi_Chrom_6_4911716	Ca_desi_chr06	4911716	[G/T]	NA
Ca_Desi_Chrom_6_4915651	Ca_desi_chr06	4915651	[T/A]	NA
Ca_Desi_Chrom_6_4915652	Ca_desi_chr06	4915652	[G/A]	NA
Ca_Desi_Chrom_6_4915673	Ca_desi_chr06	4915673	[T/G]	NA
Ca_Desi_Chrom_6_4920326	Ca_desi_chr06	4920326	[G/T]	NA
Ca_Desi_Chrom_6_4939703	Ca_desi_chr06	4939703	[A/G]	NA
Ca_Desi_Chrom_6_4939711	Ca_desi_chr06	4939711	[C/T]	NA
Ca_Desi_Chrom_6_4999533	Ca_desi_chr06	4999533	[T/G]	NA
Ca_Desi_Chrom_6_5017058	Ca_desi_chr06	5017058	[A/C]	NA
Ca_Desi_Chrom_6_5017065	Ca_desi_chr06	5017065	[A/G]	NA
Ca_Desi_Chrom_6_5552713	Ca_desi_chr06	5552713	[C/G]	NA
Ca_Desi_Chrom_6_5565255	Ca_desi_chr06	5565255	[A/T]	NA
Ca_Desi_Chrom_6_5565258	Ca_desi_chr06	5565258	[G/C]	NA
Ca_Desi_Chrom_6_5565294	Ca_desi_chr06	5565294	[T/G]	NA
Ca_Desi_Chrom_6_5573898	Ca_desi_chr06	5573898	[T/C]	NA
Ca_Desi_Chrom_6_5574091	Ca_desi_chr06	5574091	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_5582291	Ca_desi_chr06	5582291	[T/C]	NA
Ca_Desi_Chrom_6_5600377	Ca_desi_chr06	5600377	[C/A]	NA
Ca_Desi_Chrom_6_5601147	Ca_desi_chr06	5601147	[G/C]	NA
Ca_Desi_Chrom_6_5601304	Ca_desi_chr06	5601304	[G/A]	NA
Ca_Desi_Chrom_6_5606330	Ca_desi_chr06	5606330	[A/C]	NA
Ca_Desi_Chrom_6_5607979	Ca_desi_chr06	5607979	[A/G]	NA
Ca_Desi_Chrom_6_5623892	Ca_desi_chr06	5623892	[T/C]	NA
Ca_Desi_Chrom_6_5644572	Ca_desi_chr06	5644572	[T/C]	NA
Ca_Desi_Chrom_6_5765527	Ca_desi_chr06	5765527	[T/G]	NA
Ca_Desi_Chrom_6_5765536	Ca_desi_chr06	5765536	[T/G]	NA
Ca_Desi_Chrom_6_5765551	Ca_desi_chr06	5765551	[G/A]	NA
Ca_Desi_Chrom_6_5793661	Ca_desi_chr06	5793661	[T/C]	NA
Ca_Desi_Chrom_6_5793689	Ca_desi_chr06	5793689	[A/C]	NA
Ca_Desi_Chrom_6_5805145	Ca_desi_chr06	5805145	[G/T]	NA
Ca_Desi_Chrom_6_5805148	Ca_desi_chr06	5805148	[T/C]	NA
Ca_Desi_Chrom_6_5805150	Ca_desi_chr06	5805150	[T/C]	NA
Ca_Desi_Chrom_6_5830309	Ca_desi_chr06	5830309	[C/T]	NA
Ca_Desi_Chrom_6_5830337	Ca_desi_chr06	5830337	[G/T]	NA
Ca_Desi_Chrom_6_5830357	Ca_desi_chr06	5830357	[T/C]	NA
Ca_Desi_Chrom_6_5855179	Ca_desi_chr06	5855179	[G/A]	NA
Ca_Desi_Chrom_6_5855793	Ca_desi_chr06	5855793	[T/A]	NA
Ca_Desi_Chrom_6_5855826	Ca_desi_chr06	5855826	[C/T]	NA
Ca_Desi_Chrom_6_5856372	Ca_desi_chr06	5856372	[T/A]	NA
Ca_Desi_Chrom_6_5856391	Ca_desi_chr06	5856391	[T/G]	NA
Ca_Desi_Chrom_6_5857703	Ca_desi_chr06	5857703	[A/G]	NA
Ca_Desi_Chrom_6_5863791	Ca_desi_chr06	5863791	[T/G]	NA
Ca_Desi_Chrom_6_5875894	Ca_desi_chr06	5875894	[T/C]	NA
Ca_Desi_Chrom_6_5875912	Ca_desi_chr06	5875912	[A/C]	NA
Ca_Desi_Chrom_6_5875935	Ca_desi_chr06	5875935	[A/G]	NA
Ca_Desi_Chrom_6_5881201	Ca_desi_chr06	5881201	[C/T]	NA
Ca_Desi_Chrom_6_5923519	Ca_desi_chr06	5923519	[T/C]	NA
Ca_Desi_Chrom_6_5923536	Ca_desi_chr06	5923536	[A/G]	NA
Ca_Desi_Chrom_6_5923545	Ca_desi_chr06	5923545	[A/G]	NA
Ca_Desi_Chrom_6_5923566	Ca_desi_chr06	5923566	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_5931952	Ca_desi_chr06	5931952	[C/G]	NA
Ca_Desi_Chrom_6_5931987	Ca_desi_chr06	5931987	[C/T]	NA
Ca_Desi_Chrom_6_5933120	Ca_desi_chr06	5933120	[C/T]	NA
Ca_Desi_Chrom_6_5933446	Ca_desi_chr06	5933446	[A/G]	NA
Ca_Desi_Chrom_6_5941908	Ca_desi_chr06	5941908	[T/C]	NA
Ca_Desi_Chrom_6_5942035	Ca_desi_chr06	5942035	[T/C]	NA
Ca_Desi_Chrom_6_5942107	Ca_desi_chr06	5942107	[C/A]	NA
Ca_Desi_Chrom_6_5942108	Ca_desi_chr06	5942108	[A/T]	NA
Ca_Desi_Chrom_6_5942109	Ca_desi_chr06	5942109	[A/C]	NA
Ca_Desi_Chrom_6_5942110	Ca_desi_chr06	5942110	[G/T]	NA
Ca_Desi_Chrom_6_5942121	Ca_desi_chr06	5942121	[G/A]	NA
Ca_Desi_Chrom_6_5942213	Ca_desi_chr06	5942213	[T/G]	NA
Ca_Desi_Chrom_6_5942263	Ca_desi_chr06	5942263	[T/G]	NA
Ca_Desi_Chrom_6_5943258	Ca_desi_chr06	5943258	[A/T]	NA
Ca_Desi_Chrom_6_5943278	Ca_desi_chr06	5943278	[T/G]	NA
Ca_Desi_Chrom_6_5943369	Ca_desi_chr06	5943369	[C/T]	NA
Ca_Desi_Chrom_6_5943489	Ca_desi_chr06	5943489	[T/C]	NA
Ca_Desi_Chrom_6_5943564	Ca_desi_chr06	5943564	[C/T]	NA
Ca_Desi_Chrom_6_5944029	Ca_desi_chr06	5944029	[A/G]	NA
Ca_Desi_Chrom_6_5944054	Ca_desi_chr06	5944054	[A/G]	NA
Ca_Desi_Chrom_6_5944178	Ca_desi_chr06	5944178	[C/T]	NA
Ca_Desi_Chrom_6_5944184	Ca_desi_chr06	5944184	[C/T]	NA
Ca_Desi_Chrom_6_5946300	Ca_desi_chr06	5946300	[T/C]	NA
Ca_Desi_Chrom_6_5946308	Ca_desi_chr06	5946308	[T/C]	NA
Ca_Desi_Chrom_6_5946749	Ca_desi_chr06	5946749	[C/T]	NA
Ca_Desi_Chrom_6_5946974	Ca_desi_chr06	5946974	[T/C]	NA
Ca_Desi_Chrom_6_5947020	Ca_desi_chr06	5947020	[T/G]	NA
Ca_Desi_Chrom_6_5947049	Ca_desi_chr06	5947049	[G/T]	NA
Ca_Desi_Chrom_6_5947076	Ca_desi_chr06	5947076	[A/G]	NA
Ca_Desi_Chrom_6_5947130	Ca_desi_chr06	5947130	[G/A]	NA
Ca_Desi_Chrom_6_5947178	Ca_desi_chr06	5947178	[T/A]	NA
Ca_Desi_Chrom_6_5947488	Ca_desi_chr06	5947488	[A/C]	NA
Ca_Desi_Chrom_6_5947664	Ca_desi_chr06	5947664	[G/A]	NA
Ca_Desi_Chrom_6_5947773	Ca_desi_chr06	5947773	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_5947774	Ca_desi_chr06	5947774	[A/G]	NA
Ca_Desi_Chrom_6_5947913	Ca_desi_chr06	5947913	[A/G]	NA
Ca_Desi_Chrom_6_5948138	Ca_desi_chr06	5948138	[T/A]	NA
Ca_Desi_Chrom_6_5948987	Ca_desi_chr06	5948987	[T/G]	NA
Ca_Desi_Chrom_6_5949006	Ca_desi_chr06	5949006	[T/C]	NA
Ca_Desi_Chrom_6_5949037	Ca_desi_chr06	5949037	[C/T]	NA
Ca_Desi_Chrom_6_5960706	Ca_desi_chr06	5960706	[T/G]	NA
Ca_Desi_Chrom_6_5960810	Ca_desi_chr06	5960810	[C/G]	NA
Ca_Desi_Chrom_6_5963675	Ca_desi_chr06	5963675	[T/C]	NA
Ca_Desi_Chrom_6_5967285	Ca_desi_chr06	5967285	[C/G]	NA
Ca_Desi_Chrom_6_5967982	Ca_desi_chr06	5967982	[T/G]	NA
Ca_Desi_Chrom_6_5968766	Ca_desi_chr06	5968766	[G/A]	NA
Ca_Desi_Chrom_6_5992325	Ca_desi_chr06	5992325	[A/C]	NA
Ca_Desi_Chrom_6_5994534	Ca_desi_chr06	5994534	[T/C]	NA
Ca_Desi_Chrom_6_5995400	Ca_desi_chr06	5995400	[A/C]	NA
Ca_Desi_Chrom_6_5995429	Ca_desi_chr06	5995429	[A/C]	NA
Ca_Desi_Chrom_6_5995441	Ca_desi_chr06	5995441	[A/G]	NA
Ca_Desi_Chrom_6_5995447	Ca_desi_chr06	5995447	[T/A]	NA
Ca_Desi_Chrom_6_6004431	Ca_desi_chr06	6004431	[G/C]	NA
Ca_Desi_Chrom_6_6045978	Ca_desi_chr06	6045978	[C/A]	NA
Ca_Desi_Chrom_6_6046044	Ca_desi_chr06	6046044	[T/C]	NA
Ca_Desi_Chrom_6_6046096	Ca_desi_chr06	6046096	[G/A]	NA
Ca_Desi_Chrom_6_6048304	Ca_desi_chr06	6048304	[C/T]	NA
Ca_Desi_Chrom_6_6048641	Ca_desi_chr06	6048641	[G/A]	NA
Ca_Desi_Chrom_6_6048799	Ca_desi_chr06	6048799	[T/G]	NA
Ca_Desi_Chrom_6_6048824	Ca_desi_chr06	6048824	[C/T]	NA
Ca_Desi_Chrom_6_6048899	Ca_desi_chr06	6048899	[C/T]	NA
Ca_Desi_Chrom_6_6048900	Ca_desi_chr06	6048900	[A/G]	NA
Ca_Desi_Chrom_6_6048909	Ca_desi_chr06	6048909	[T/C]	NA
Ca_Desi_Chrom_6_6049168	Ca_desi_chr06	6049168	[A/C]	NA
Ca_Desi_Chrom_6_6049189	Ca_desi_chr06	6049189	[C/T]	NA
Ca_Desi_Chrom_6_6049208	Ca_desi_chr06	6049208	[C/A]	NA
Ca_Desi_Chrom_6_6058595	Ca_desi_chr06	6058595	[T/G]	NA
Ca_Desi_Chrom_6_6062805	Ca_desi_chr06	6062805	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_6103720	Ca_desi_chr06	6103720	[G/T]	NA
Ca_Desi_Chrom_6_6115682	Ca_desi_chr06	6115682	[C/T]	NA
Ca_Desi_Chrom_6_6115721	Ca_desi_chr06	6115721	[A/T]	NA
Ca_Desi_Chrom_6_6118896	Ca_desi_chr06	6118896	[C/T]	NA
Ca_Desi_Chrom_6_6119010	Ca_desi_chr06	6119010	[T/C]	NA
Ca_Desi_Chrom_6_6119042	Ca_desi_chr06	6119042	[A/C]	NA
Ca_Desi_Chrom_6_6119060	Ca_desi_chr06	6119060	[A/G]	NA
Ca_Desi_Chrom_6_6119061	Ca_desi_chr06	6119061	[A/G]	NA
Ca_Desi_Chrom_6_6156756	Ca_desi_chr06	6156756	[T/G]	NA
Ca_Desi_Chrom_6_6156757	Ca_desi_chr06	6156757	[C/T]	NA
Ca_Desi_Chrom_6_6156758	Ca_desi_chr06	6156758	[T/G]	NA
Ca_Desi_Chrom_6_6160317	Ca_desi_chr06	6160317	[T/G]	NA
Ca_Desi_Chrom_6_6339018	Ca_desi_chr06	6339018	[A/C]	NA
Ca_Desi_Chrom_6_6339058	Ca_desi_chr06	6339058	[A/T]	NA
Ca_Desi_Chrom_6_6339065	Ca_desi_chr06	6339065	[A/G]	NA
Ca_Desi_Chrom_6_6339067	Ca_desi_chr06	6339067	[A/G]	NA
Ca_Desi_Chrom_6_6339069	Ca_desi_chr06	6339069	[T/C]	NA
Ca_Desi_Chrom_6_6339071	Ca_desi_chr06	6339071	[C/T]	NA
Ca_Desi_Chrom_6_6339077	Ca_desi_chr06	6339077	[T/C]	NA
Ca_Desi_Chrom_6_6339080	Ca_desi_chr06	6339080	[T/C]	NA
Ca_Desi_Chrom_6_6339092	Ca_desi_chr06	6339092	[T/C]	NA
Ca_Desi_Chrom_6_6339098	Ca_desi_chr06	6339098	[T/C]	NA
Ca_Desi_Chrom_6_6339107	Ca_desi_chr06	6339107	[A/G]	NA
Ca_Desi_Chrom_6_6639714	Ca_desi_chr06	6639714	[G/T]	NA
Ca_Desi_Chrom_6_6790124	Ca_desi_chr06	6790124	[T/G]	NA
Ca_Desi_Chrom_6_6790130	Ca_desi_chr06	6790130	[A/G]	NA
Ca_Desi_Chrom_6_6790134	Ca_desi_chr06	6790134	[T/G]	NA
Ca_Desi_Chrom_6_6792785	Ca_desi_chr06	6792785	[C/A]	NA
Ca_Desi_Chrom_6_6792786	Ca_desi_chr06	6792786	[T/C]	NA
Ca_Desi_Chrom_6_6792795	Ca_desi_chr06	6792795	[A/G]	NA
Ca_Desi_Chrom_6_6803689	Ca_desi_chr06	6803689	[T/G]	NA
Ca_Desi_Chrom_6_6873851	Ca_desi_chr06	6873851	[C/T]	NA
Ca_Desi_Chrom_6_6873868	Ca_desi_chr06	6873868	[A/G]	NA
Ca_Desi_Chrom_6_6873877	Ca_desi_chr06	6873877	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_6915571	Ca_desi_chr06	6915571	[T/G]	NA
Ca_Desi_Chrom_6_6915580	Ca_desi_chr06	6915580	[C/G]	NA
Ca_Desi_Chrom_6_6915583	Ca_desi_chr06	6915583	[A/G]	NA
Ca_Desi_Chrom_6_6915592	Ca_desi_chr06	6915592	[T/G]	NA
Ca_Desi_Chrom_6_6915595	Ca_desi_chr06	6915595	[T/C]	NA
Ca_Desi_Chrom_6_6967871	Ca_desi_chr06	6967871	[T/C]	NA
Ca_Desi_Chrom_6_6967897	Ca_desi_chr06	6967897	[T/C]	NA
Ca_Desi_Chrom_6_6967906	Ca_desi_chr06	6967906	[A/C]	NA
Ca_Desi_Chrom_6_6967913	Ca_desi_chr06	6967913	[A/T]	NA
Ca_Desi_Chrom_6_6968565	Ca_desi_chr06	6968565	[T/C]	NA
Ca_Desi_Chrom_6_6968621	Ca_desi_chr06	6968621	[T/G]	NA
Ca_Desi_Chrom_6_6968622	Ca_desi_chr06	6968622	[T/G]	NA
Ca_Desi_Chrom_6_6968653	Ca_desi_chr06	6968653	[A/G]	NA
Ca_Desi_Chrom_6_6968674	Ca_desi_chr06	6968674	[A/G]	NA
Ca_Desi_Chrom_6_6971912	Ca_desi_chr06	6971912	[A/C]	NA
Ca_Desi_Chrom_6_6971913	Ca_desi_chr06	6971913	[G/C]	NA
Ca_Desi_Chrom_6_6971915	Ca_desi_chr06	6971915	[T/A]	NA
Ca_Desi_Chrom_6_6971916	Ca_desi_chr06	6971916	[C/A]	NA
Ca_Desi_Chrom_6_6995741	Ca_desi_chr06	6995741	[T/C]	NA
Ca_Desi_Chrom_6_6995761	Ca_desi_chr06	6995761	[A/C]	NA
Ca_Desi_Chrom_6_6995777	Ca_desi_chr06	6995777	[A/C]	NA
Ca_Desi_Chrom_6_6995786	Ca_desi_chr06	6995786	[A/G]	NA
Ca_Desi_Chrom_6_6995797	Ca_desi_chr06	6995797	[T/C]	NA
Ca_Desi_Chrom_6_7013550	Ca_desi_chr06	7013550	[T/G]	NA
Ca_Desi_Chrom_6_7014087	Ca_desi_chr06	7014087	[A/C]	NA
Ca_Desi_Chrom_6_7014121	Ca_desi_chr06	7014121	[T/C]	NA
Ca_Desi_Chrom_6_7014125	Ca_desi_chr06	7014125	[A/G]	NA
Ca_Desi_Chrom_6_7231208	Ca_desi_chr06	7231208	[T/C]	NA
Ca_Desi_Chrom_6_7231232	Ca_desi_chr06	7231232	[A/C]	NA
Ca_Desi_Chrom_6_7285638	Ca_desi_chr06	7285638	[T/A]	NA
Ca_Desi_Chrom_6_7326383	Ca_desi_chr06	7326383	[T/C]	NA
Ca_Desi_Chrom_6_7326401	Ca_desi_chr06	7326401	[T/C]	NA
Ca_Desi_Chrom_6_7326410	Ca_desi_chr06	7326410	[A/G]	NA
Ca_Desi_Chrom_6_7326413	Ca_desi_chr06	7326413	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_7326416	Ca_desi_chr06	7326416	[A/G]	NA
Ca_Desi_Chrom_6_7337712	Ca_desi_chr06	7337712	[T/G]	NA
Ca_Desi_Chrom_6_7337756	Ca_desi_chr06	7337756	[T/G]	NA
Ca_Desi_Chrom_6_7337815	Ca_desi_chr06	7337815	[T/A]	NA
Ca_Desi_Chrom_6_7337822	Ca_desi_chr06	7337822	[T/G]	NA
Ca_Desi_Chrom_6_7337860	Ca_desi_chr06	7337860	[T/C]	NA
Ca_Desi_Chrom_6_7339767	Ca_desi_chr06	7339767	[T/G]	NA
Ca_Desi_Chrom_6_7414765	Ca_desi_chr06	7414765	[A/G]	NA
Ca_Desi_Chrom_6_7414789	Ca_desi_chr06	7414789	[A/G]	NA
Ca_Desi_Chrom_6_7441444	Ca_desi_chr06	7441444	[T/C]	NA
Ca_Desi_Chrom_6_7450018	Ca_desi_chr06	7450018	[G/A]	NA
Ca_Desi_Chrom_6_7472934	Ca_desi_chr06	7472934	[C/T]	NA
Ca_Desi_Chrom_6_7478424	Ca_desi_chr06	7478424	[T/C]	NA
Ca_Desi_Chrom_6_7502284	Ca_desi_chr06	7502284	[G/A]	NA
Ca_Desi_Chrom_6_7509650	Ca_desi_chr06	7509650	[G/A]	NA
Ca_Desi_Chrom_6_7511058	Ca_desi_chr06	7511058	[C/G]	NA
Ca_Desi_Chrom_6_7537055	Ca_desi_chr06	7537055	[G/T]	NA
Ca_Desi_Chrom_6_7539901	Ca_desi_chr06	7539901	[T/A]	NA
Ca_Desi_Chrom_6_7539911	Ca_desi_chr06	7539911	[A/G]	NA
Ca_Desi_Chrom_6_7572539	Ca_desi_chr06	7572539	[T/C]	NA
Ca_Desi_Chrom_6_7572553	Ca_desi_chr06	7572553	[A/G]	NA
Ca_Desi_Chrom_6_7572558	Ca_desi_chr06	7572558	[T/C]	NA
Ca_Desi_Chrom_6_7572571	Ca_desi_chr06	7572571	[T/G]	NA
Ca_Desi_Chrom_6_7572577	Ca_desi_chr06	7572577	[T/A]	NA
Ca_Desi_Chrom_6_7572600	Ca_desi_chr06	7572600	[A/C]	NA
Ca_Desi_Chrom_6_7572619	Ca_desi_chr06	7572619	[A/T]	NA
Ca_Desi_Chrom_6_7572707	Ca_desi_chr06	7572707	[A/C]	NA
Ca_Desi_Chrom_6_7589557	Ca_desi_chr06	7589557	[G/A]	NA
Ca_Desi_Chrom_6_7594832	Ca_desi_chr06	7594832	[T/C]	NA
Ca_Desi_Chrom_6_7597632	Ca_desi_chr06	7597632	[T/G]	NA
Ca_Desi_Chrom_6_7597654	Ca_desi_chr06	7597654	[G/A]	NA
Ca_Desi_Chrom_6_7597902	Ca_desi_chr06	7597902	[A/G]	NA
Ca_Desi_Chrom_6_7600172	Ca_desi_chr06	7600172	[T/C]	NA
Ca_Desi_Chrom_6_7600182	Ca_desi_chr06	7600182	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_7600190	Ca_desi_chr06	7600190	[A/G]	NA
Ca_Desi_Chrom_6_7692170	Ca_desi_chr06	7692170	[A/C]	NA
Ca_Desi_Chrom_6_7708553	Ca_desi_chr06	7708553	[T/C]	NA
Ca_Desi_Chrom_6_7708557	Ca_desi_chr06	7708557	[A/C]	NA
Ca_Desi_Chrom_6_7708561	Ca_desi_chr06	7708561	[T/C]	NA
Ca_Desi_Chrom_6_7708581	Ca_desi_chr06	7708581	[T/C]	NA
Ca_Desi_Chrom_6_7773260	Ca_desi_chr06	7773260	[T/C]	NA
Ca_Desi_Chrom_6_7773315	Ca_desi_chr06	7773315	[A/C]	NA
Ca_Desi_Chrom_6_7789032	Ca_desi_chr06	7789032	[G/T]	NA
Ca_Desi_Chrom_6_7789059	Ca_desi_chr06	7789059	[G/A]	NA
Ca_Desi_Chrom_6_7793211	Ca_desi_chr06	7793211	[T/A]	NA
Ca_Desi_Chrom_6_7793288	Ca_desi_chr06	7793288	[G/A]	NA
Ca_Desi_Chrom_6_7793325	Ca_desi_chr06	7793325	[A/G]	NA
Ca_Desi_Chrom_6_7797752	Ca_desi_chr06	7797752	[T/G]	NA
Ca_Desi_Chrom_6_7803317	Ca_desi_chr06	7803317	[C/A]	NA
Ca_Desi_Chrom_6_7803318	Ca_desi_chr06	7803318	[T/G]	NA
Ca_Desi_Chrom_6_7810436	Ca_desi_chr06	7810436	[A/G]	NA
Ca_Desi_Chrom_6_7810471	Ca_desi_chr06	7810471	[A/T]	NA
Ca_Desi_Chrom_6_7837771	Ca_desi_chr06	7837771	[T/G]	NA
Ca_Desi_Chrom_6_7870799	Ca_desi_chr06	7870799	[A/G]	NA
Ca_Desi_Chrom_6_7870804	Ca_desi_chr06	7870804	[T/G]	NA
Ca_Desi_Chrom_6_7870807	Ca_desi_chr06	7870807	[T/G]	NA
Ca_Desi_Chrom_6_7881974	Ca_desi_chr06	7881974	[C/T]	NA
Ca_Desi_Chrom_6_7883724	Ca_desi_chr06	7883724	[T/C]	NA
Ca_Desi_Chrom_6_7883744	Ca_desi_chr06	7883744	[T/G]	NA
Ca_Desi_Chrom_6_7883764	Ca_desi_chr06	7883764	[G/A]	NA
Ca_Desi_Chrom_6_7922447	Ca_desi_chr06	7922447	[A/G]	NA
Ca_Desi_Chrom_6_7922471	Ca_desi_chr06	7922471	[T/C]	NA
Ca_Desi_Chrom_6_7922480	Ca_desi_chr06	7922480	[A/G]	NA
Ca_Desi_Chrom_6_7922498	Ca_desi_chr06	7922498	[T/C]	NA
Ca_Desi_Chrom_6_7923548	Ca_desi_chr06	7923548	[T/C]	NA
Ca_Desi_Chrom_6_7959093	Ca_desi_chr06	7959093	[T/C]	NA
Ca_Desi_Chrom_6_7968802	Ca_desi_chr06	7968802	[C/T]	NA
Ca_Desi_Chrom_6_7969718	Ca_desi_chr06	7969718	[G/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_7969721	Ca_desi_chr06	7969721	[T/G]	NA
Ca_Desi_Chrom_6_7969725	Ca_desi_chr06	7969725	[A/T]	NA
Ca_Desi_Chrom_6_8018663	Ca_desi_chr06	8018663	[A/C]	NA
Ca_Desi_Chrom_6_8079590	Ca_desi_chr06	8079590	[G/T]	NA
Ca_Desi_Chrom_6_8088093	Ca_desi_chr06	8088093	[T/G]	NA
Ca_Desi_Chrom_6_8103858	Ca_desi_chr06	8103858	[A/G]	NA
Ca_Desi_Chrom_6_8103869	Ca_desi_chr06	8103869	[A/G]	NA
Ca_Desi_Chrom_6_8103873	Ca_desi_chr06	8103873	[A/C]	NA
Ca_Desi_Chrom_6_8103884	Ca_desi_chr06	8103884	[A/C]	NA
Ca_Desi_Chrom_6_8103906	Ca_desi_chr06	8103906	[A/G]	NA
Ca_Desi_Chrom_6_8103908	Ca_desi_chr06	8103908	[A/G]	NA
Ca_Desi_Chrom_6_8137948	Ca_desi_chr06	8137948	[A/C]	NA
Ca_Desi_Chrom_6_8378481	Ca_desi_chr06	8378481	[T/G]	NA
Ca_Desi_Chrom_6_8432509	Ca_desi_chr06	8432509	[A/C]	NA
Ca_Desi_Chrom_6_8432517	Ca_desi_chr06	8432517	[T/C]	NA
Ca_Desi_Chrom_6_8559933	Ca_desi_chr06	8559933	[A/C]	NA
Ca_Desi_Chrom_6_8559941	Ca_desi_chr06	8559941	[A/G]	NA
Ca_Desi_Chrom_6_8614241	Ca_desi_chr06	8614241	[A/C]	NA
Ca_Desi_Chrom_6_8616283	Ca_desi_chr06	8616283	[T/G]	NA
Ca_Desi_Chrom_6_8616287	Ca_desi_chr06	8616287	[T/G]	NA
Ca_Desi_Chrom_6_8616299	Ca_desi_chr06	8616299	[T/G]	NA
Ca_Desi_Chrom_6_8625356	Ca_desi_chr06	8625356	[T/G]	NA
Ca_Desi_Chrom_6_8625462	Ca_desi_chr06	8625462	[A/G]	NA
Ca_Desi_Chrom_6_8625560	Ca_desi_chr06	8625560	[T/G]	NA
Ca_Desi_Chrom_6_8625563	Ca_desi_chr06	8625563	[T/G]	NA
Ca_Desi_Chrom_6_8654704	Ca_desi_chr06	8654704	[T/C]	NA
Ca_Desi_Chrom_6_8654755	Ca_desi_chr06	8654755	[A/G]	NA
Ca_Desi_Chrom_6_8731132	Ca_desi_chr06	8731132	[T/G]	NA
Ca_Desi_Chrom_6_8731136	Ca_desi_chr06	8731136	[C/T]	NA
Ca_Desi_Chrom_6_8731142	Ca_desi_chr06	8731142	[C/T]	NA
Ca_Desi_Chrom_6_8732387	Ca_desi_chr06	8732387	[G/A]	NA
Ca_Desi_Chrom_6_8734991	Ca_desi_chr06	8734991	[A/T]	NA
Ca_Desi_Chrom_6_8735019	Ca_desi_chr06	8735019	[A/C]	NA
Ca_Desi_Chrom_6_8737776	Ca_desi_chr06	8737776	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_8740748	Ca_desi_chr06	8740748	[T/A]	NA
Ca_Desi_Chrom_6_8811914	Ca_desi_chr06	8811914	[C/A]	NA
Ca_Desi_Chrom_6_8811915	Ca_desi_chr06	8811915	[C/G]	NA
Ca_Desi_Chrom_6_8811916	Ca_desi_chr06	8811916	[T/A]	NA
Ca_Desi_Chrom_6_9172228	Ca_desi_chr06	9172228	[T/G]	NA
Ca_Desi_Chrom_6_9216531	Ca_desi_chr06	9216531	[A/C]	NA
Ca_Desi_Chrom_6_9216534	Ca_desi_chr06	9216534	[C/T]	NA
Ca_Desi_Chrom_6_9228751	Ca_desi_chr06	9228751	[T/G]	NA
Ca_Desi_Chrom_6_9228852	Ca_desi_chr06	9228852	[A/T]	NA
Ca_Desi_Chrom_6_9245293	Ca_desi_chr06	9245293	[T/G]	NA
Ca_Desi_Chrom_6_9245317	Ca_desi_chr06	9245317	[T/G]	NA
Ca_Desi_Chrom_6_9245321	Ca_desi_chr06	9245321	[A/C]	NA
Ca_Desi_Chrom_6_9250216	Ca_desi_chr06	9250216	[A/G]	NA
Ca_Desi_Chrom_6_9253782	Ca_desi_chr06	9253782	[T/A]	NA
Ca_Desi_Chrom_6_9340323	Ca_desi_chr06	9340323	[A/C]	NA
Ca_Desi_Chrom_6_9379394	Ca_desi_chr06	9379394	[A/C]	NA
Ca_Desi_Chrom_6_9384087	Ca_desi_chr06	9384087	[A/C]	NA
Ca_Desi_Chrom_6_9384090	Ca_desi_chr06	9384090	[A/C]	NA
Ca_Desi_Chrom_6_9391584	Ca_desi_chr06	9391584	[A/G]	NA
Ca_Desi_Chrom_6_9463915	Ca_desi_chr06	9463915	[G/A]	NA
Ca_Desi_Chrom_6_9463929	Ca_desi_chr06	9463929	[G/A]	NA
Ca_Desi_Chrom_6_9463931	Ca_desi_chr06	9463931	[A/G]	NA
Ca_Desi_Chrom_6_9507956	Ca_desi_chr06	9507956	[T/C]	NA
Ca_Desi_Chrom_6_9507961	Ca_desi_chr06	9507961	[G/A]	NA
Ca_Desi_Chrom_6_9507965	Ca_desi_chr06	9507965	[T/C]	NA
Ca_Desi_Chrom_6_9507984	Ca_desi_chr06	9507984	[A/T]	NA
Ca_Desi_Chrom_6_9507988	Ca_desi_chr06	9507988	[T/C]	NA
Ca_Desi_Chrom_6_9507994	Ca_desi_chr06	9507994	[T/C]	NA
Ca_Desi_Chrom_6_9508004	Ca_desi_chr06	9508004	[A/G]	NA
Ca_Desi_Chrom_6_9522938	Ca_desi_chr06	9522938	[A/C]	NA
Ca_Desi_Chrom_6_9522973	Ca_desi_chr06	9522973	[A/C]	NA
Ca_Desi_Chrom_6_9523000	Ca_desi_chr06	9523000	[A/T]	NA
Ca_Desi_Chrom_6_9523032	Ca_desi_chr06	9523032	[T/C]	NA
Ca_Desi_Chrom_6_9523046	Ca_desi_chr06	9523046	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_9619281	Ca_desi_chr06	9619281	[C/A]	NA
Ca_Desi_Chrom_6_9619282	Ca_desi_chr06	9619282	[C/G]	NA
Ca_Desi_Chrom_6_9619283	Ca_desi_chr06	9619283	[C/A]	NA
Ca_Desi_Chrom_6_9628721	Ca_desi_chr06	9628721	[T/C]	NA
Ca_Desi_Chrom_6_9663889	Ca_desi_chr06	9663889	[A/C]	NA
Ca_Desi_Chrom_6_9691297	Ca_desi_chr06	9691297	[A/G]	NA
Ca_Desi_Chrom_6_9691307	Ca_desi_chr06	9691307	[A/G]	NA
Ca_Desi_Chrom_6_9691317	Ca_desi_chr06	9691317	[T/G]	NA
Ca_Desi_Chrom_6_9691346	Ca_desi_chr06	9691346	[A/G]	NA
Ca_Desi_Chrom_6_9691349	Ca_desi_chr06	9691349	[T/G]	NA
Ca_Desi_Chrom_6_9696444	Ca_desi_chr06	9696444	[T/C]	NA
Ca_Desi_Chrom_6_9696459	Ca_desi_chr06	9696459	[A/C]	NA
Ca_Desi_Chrom_6_9728076	Ca_desi_chr06	9728076	[A/G]	NA
Ca_Desi_Chrom_6_9728107	Ca_desi_chr06	9728107	[A/G]	NA
Ca_Desi_Chrom_6_9728112	Ca_desi_chr06	9728112	[T/G]	NA
Ca_Desi_Chrom_6_9728119	Ca_desi_chr06	9728119	[A/G]	NA
Ca_Desi_Chrom_6_9728131	Ca_desi_chr06	9728131	[A/G]	NA
Ca_Desi_Chrom_6_9728137	Ca_desi_chr06	9728137	[A/G]	NA
Ca_Desi_Chrom_6_9728147	Ca_desi_chr06	9728147	[A/G]	NA
Ca_Desi_Chrom_6_9728153	Ca_desi_chr06	9728153	[A/G]	NA
Ca_Desi_Chrom_6_9733693	Ca_desi_chr06	9733693	[T/G]	NA
Ca_Desi_Chrom_6_9761314	Ca_desi_chr06	9761314	[T/G]	NA
Ca_Desi_Chrom_6_9781707	Ca_desi_chr06	9781707	[A/G]	NA
Ca_Desi_Chrom_6_9781713	Ca_desi_chr06	9781713	[T/C]	NA
Ca_Desi_Chrom_6_9781724	Ca_desi_chr06	9781724	[T/C]	NA
Ca_Desi_Chrom_6_9781737	Ca_desi_chr06	9781737	[T/C]	NA
Ca_Desi_Chrom_6_9781748	Ca_desi_chr06	9781748	[T/C]	NA
Ca_Desi_Chrom_6_9781757	Ca_desi_chr06	9781757	[A/G]	NA
Ca_Desi_Chrom_6_9781761	Ca_desi_chr06	9781761	[T/C]	NA
Ca_Desi_Chrom_6_9781778	Ca_desi_chr06	9781778	[T/C]	NA
Ca_Desi_Chrom_6_9897705	Ca_desi_chr06	9897705	[T/A]	NA
Ca_Desi_Chrom_6_9899089	Ca_desi_chr06	9899089	[A/G]	NA
Ca_Desi_Chrom_6_9904506	Ca_desi_chr06	9904506	[A/C]	NA
Ca_Desi_Chrom_6_9904514	Ca_desi_chr06	9904514	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_6_9904519	Ca_desig_chr06	9904519	[A/C]	NA
Ca_Desig_Chr_6_9904522	Ca_desig_chr06	9904522	[T/C]	NA
Ca_Desig_Chr_6_9904525	Ca_desig_chr06	9904525	[C/T]	NA
Ca_Desig_Chr_6_9904526	Ca_desig_chr06	9904526	[A/C]	NA
Ca_Desig_Chr_6_9904529	Ca_desig_chr06	9904529	[G/T]	NA
Ca_Desig_Chr_6_9904537	Ca_desig_chr06	9904537	[G/T]	NA
Ca_Desig_Chr_6_9904548	Ca_desig_chr06	9904548	[A/G]	NA
Ca_Desig_Chr_6_9980886	Ca_desig_chr06	9980886	[A/G]	NA
Ca_Desig_Chr_6_9980900	Ca_desig_chr06	9980900	[T/A]	NA
Ca_Desig_Chr_6_9980909	Ca_desig_chr06	9980909	[T/G]	NA
Ca_Desig_Chr_6_9992247	Ca_desig_chr06	9992247	[A/C]	NA
Ca_Desig_Chr_6_10095710	Ca_desig_chr06	10095710	[T/G]	NA
Ca_Desig_Chr_6_10123319	Ca_desig_chr06	10123319	[A/C]	NA
Ca_Desig_Chr_6_10125156	Ca_desig_chr06	10125156	[A/G]	NA
Ca_Desig_Chr_6_10167624	Ca_desig_chr06	10167624	[T/G]	NA
Ca_Desig_Chr_6_10167633	Ca_desig_chr06	10167633	[A/C]	NA
Ca_Desig_Chr_6_10167658	Ca_desig_chr06	10167658	[A/G]	NA
Ca_Desig_Chr_6_10253611	Ca_desig_chr06	10253611	[A/G]	NA
Ca_Desig_Chr_6_10266783	Ca_desig_chr06	10266783	[A/G]	NA
Ca_Desig_Chr_6_10266790	Ca_desig_chr06	10266790	[A/G]	NA
Ca_Desig_Chr_6_10266792	Ca_desig_chr06	10266792	[A/C]	NA
Ca_Desig_Chr_6_10266794	Ca_desig_chr06	10266794	[T/C]	NA
Ca_Desig_Chr_6_10266813	Ca_desig_chr06	10266813	[A/G]	NA
Ca_Desig_Chr_6_10266814	Ca_desig_chr06	10266814	[T/A]	NA
Ca_Desig_Chr_6_10266828	Ca_desig_chr06	10266828	[A/G]	NA
Ca_Desig_Chr_6_10269558	Ca_desig_chr06	10269558	[A/G]	NA
Ca_Desig_Chr_6_10269568	Ca_desig_chr06	10269568	[A/G]	NA
Ca_Desig_Chr_6_10269573	Ca_desig_chr06	10269573	[A/C]	NA
Ca_Desig_Chr_6_10269582	Ca_desig_chr06	10269582	[A/G]	NA
Ca_Desig_Chr_6_10269591	Ca_desig_chr06	10269591	[A/G]	NA
Ca_Desig_Chr_6_10269598	Ca_desig_chr06	10269598	[A/G]	NA
Ca_Desig_Chr_6_10289062	Ca_desig_chr06	10289062	[T/C]	NA
Ca_Desig_Chr_6_10304722	Ca_desig_chr06	10304722	[C/A]	NA
Ca_Desig_Chr_6_10304723	Ca_desig_chr06	10304723	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_10304724	Ca_desi_chr06	10304724	[G/A]	NA
Ca_Desi_Chrom_6_10304725	Ca_desi_chr06	10304725	[A/T]	NA
Ca_Desi_Chrom_6_10326027	Ca_desi_chr06	10326027	[T/C]	NA
Ca_Desi_Chrom_6_10334639	Ca_desi_chr06	10334639	[A/C]	NA
Ca_Desi_Chrom_6_10334716	Ca_desi_chr06	10334716	[A/C]	NA
Ca_Desi_Chrom_6_10334724	Ca_desi_chr06	10334724	[A/C]	NA
Ca_Desi_Chrom_6_10338751	Ca_desi_chr06	10338751	[T/C]	NA
Ca_Desi_Chrom_6_10338768	Ca_desi_chr06	10338768	[A/C]	NA
Ca_Desi_Chrom_6_10338779	Ca_desi_chr06	10338779	[A/T]	NA
Ca_Desi_Chrom_6_10358300	Ca_desi_chr06	10358300	[G/A]	NA
Ca_Desi_Chrom_6_10358317	Ca_desi_chr06	10358317	[A/G]	NA
Ca_Desi_Chrom_6_10358319	Ca_desi_chr06	10358319	[G/T]	NA
Ca_Desi_Chrom_6_10358320	Ca_desi_chr06	10358320	[A/G]	NA
Ca_Desi_Chrom_6_10358350	Ca_desi_chr06	10358350	[G/A]	NA
Ca_Desi_Chrom_6_10366655	Ca_desi_chr06	10366655	[G/T]	NA
Ca_Desi_Chrom_6_10366663	Ca_desi_chr06	10366663	[T/C]	NA
Ca_Desi_Chrom_6_10461640	Ca_desi_chr06	10461640	[A/T]	NA
Ca_Desi_Chrom_6_10461644	Ca_desi_chr06	10461644	[A/G]	NA
Ca_Desi_Chrom_6_10461649	Ca_desi_chr06	10461649	[A/G]	NA
Ca_Desi_Chrom_6_10461651	Ca_desi_chr06	10461651	[T/G]	NA
Ca_Desi_Chrom_6_10461656	Ca_desi_chr06	10461656	[T/G]	NA
Ca_Desi_Chrom_6_10461657	Ca_desi_chr06	10461657	[A/C]	NA
Ca_Desi_Chrom_6_10461666	Ca_desi_chr06	10461666	[T/C]	NA
Ca_Desi_Chrom_6_10461673	Ca_desi_chr06	10461673	[T/C]	NA
Ca_Desi_Chrom_6_10461678	Ca_desi_chr06	10461678	[T/C]	NA
Ca_Desi_Chrom_6_10461680	Ca_desi_chr06	10461680	[T/C]	NA
Ca_Desi_Chrom_6_10461683	Ca_desi_chr06	10461683	[T/C]	NA
Ca_Desi_Chrom_6_10461693	Ca_desi_chr06	10461693	[C/G]	NA
Ca_Desi_Chrom_6_10461696	Ca_desi_chr06	10461696	[T/A]	NA
Ca_Desi_Chrom_6_10461741	Ca_desi_chr06	10461741	[T/G]	NA
Ca_Desi_Chrom_6_10461749	Ca_desi_chr06	10461749	[T/G]	NA
Ca_Desi_Chrom_6_10461760	Ca_desi_chr06	10461760	[A/G]	NA
Ca_Desi_Chrom_6_10473079	Ca_desi_chr06	10473079	[T/G]	NA
Ca_Desi_Chrom_6_10473090	Ca_desi_chr06	10473090	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_10473095	Ca_desi_chr06	10473095	[T/G]	NA
Ca_Desi_Chrom_6_10473106	Ca_desi_chr06	10473106	[A/G]	NA
Ca_Desi_Chrom_6_10473110	Ca_desi_chr06	10473110	[T/G]	NA
Ca_Desi_Chrom_6_10473112	Ca_desi_chr06	10473112	[T/G]	NA
Ca_Desi_Chrom_6_10509047	Ca_desi_chr06	10509047	[A/T]	NA
Ca_Desi_Chrom_6_10574749	Ca_desi_chr06	10574749	[T/G]	NA
Ca_Desi_Chrom_6_10575305	Ca_desi_chr06	10575305	[T/A]	NA
Ca_Desi_Chrom_6_10575316	Ca_desi_chr06	10575316	[T/C]	NA
Ca_Desi_Chrom_6_10596426	Ca_desi_chr06	10596426	[A/G]	NA
Ca_Desi_Chrom_6_10596432	Ca_desi_chr06	10596432	[A/C]	NA
Ca_Desi_Chrom_6_10596451	Ca_desi_chr06	10596451	[T/C]	NA
Ca_Desi_Chrom_6_10596455	Ca_desi_chr06	10596455	[T/A]	NA
Ca_Desi_Chrom_6_10596504	Ca_desi_chr06	10596504	[T/G]	NA
Ca_Desi_Chrom_6_10662694	Ca_desi_chr06	10662694	[A/C]	NA
Ca_Desi_Chrom_6_10662695	Ca_desi_chr06	10662695	[C/A]	NA
Ca_Desi_Chrom_6_10662697	Ca_desi_chr06	10662697	[T/G]	NA
Ca_Desi_Chrom_6_10662707	Ca_desi_chr06	10662707	[A/G]	NA
Ca_Desi_Chrom_6_10662716	Ca_desi_chr06	10662716	[T/C]	NA
Ca_Desi_Chrom_6_10662891	Ca_desi_chr06	10662891	[T/C]	NA
Ca_Desi_Chrom_6_10662892	Ca_desi_chr06	10662892	[G/T]	NA
Ca_Desi_Chrom_6_10710378	Ca_desi_chr06	10710378	[A/C]	NA
Ca_Desi_Chrom_6_10710381	Ca_desi_chr06	10710381	[T/C]	NA
Ca_Desi_Chrom_6_10710384	Ca_desi_chr06	10710384	[A/C]	NA
Ca_Desi_Chrom_6_10710396	Ca_desi_chr06	10710396	[A/T]	NA
Ca_Desi_Chrom_6_10712288	Ca_desi_chr06	10712288	[T/G]	NA
Ca_Desi_Chrom_6_10778151	Ca_desi_chr06	10778151	[A/G]	NA
Ca_Desi_Chrom_6_10830011	Ca_desi_chr06	10830011	[A/C]	NA
Ca_Desi_Chrom_6_10888437	Ca_desi_chr06	10888437	[A/G]	NA
Ca_Desi_Chrom_6_10940503	Ca_desi_chr06	10940503	[T/C]	NA
Ca_Desi_Chrom_6_10967359	Ca_desi_chr06	10967359	[T/G]	NA
Ca_Desi_Chrom_6_11029177	Ca_desi_chr06	11029177	[A/G]	NA
Ca_Desi_Chrom_6_11029213	Ca_desi_chr06	11029213	[T/A]	NA
Ca_Desi_Chrom_6_11029244	Ca_desi_chr06	11029244	[T/G]	NA
Ca_Desi_Chrom_6_11029257	Ca_desi_chr06	11029257	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_6_11176033	Ca_desi_chr06	11176033	[A/T]	NA
Ca_Desi_Chrom_6_11299905	Ca_desi_chr06	11299905	[A/G]	NA
Ca_Desi_Chrom_6_11299919	Ca_desi_chr06	11299919	[T/C]	NA
Ca_Desi_Chrom_6_11299937	Ca_desi_chr06	11299937	[T/G]	NA
Ca_Desi_Chrom_6_11299947	Ca_desi_chr06	11299947	[A/T]	NA
Ca_Desi_Chrom_6_11319790	Ca_desi_chr06	11319790	[T/G]	NA
Ca_Desi_Chrom_6_11341974	Ca_desi_chr06	11341974	[G/T]	NA
Ca_Desi_Chrom_6_11341975	Ca_desi_chr06	11341975	[T/G]	NA
Ca_Desi_Chrom_6_11350097	Ca_desi_chr06	11350097	[A/C]	NA
Ca_Desi_Chrom_6_11414655	Ca_desi_chr06	11414655	[A/C]	NA
Ca_Desi_Chrom_6_11453287	Ca_desi_chr06	11453287	[T/C]	NA
Ca_Desi_Chrom_6_11453341	Ca_desi_chr06	11453341	[T/G]	NA
Ca_Desi_Chrom_6_11453369	Ca_desi_chr06	11453369	[A/G]	NA
Ca_Desi_Chrom_6_11476473	Ca_desi_chr06	11476473	[A/C]	NA
Ca_Desi_Chrom_6_11476765	Ca_desi_chr06	11476765	[A/C]	NA
Ca_Desi_Chrom_6_11476768	Ca_desi_chr06	11476768	[T/C]	NA
Ca_Desi_Chrom_6_11476770	Ca_desi_chr06	11476770	[T/C]	NA
Ca_Desi_Chrom_6_11477655	Ca_desi_chr06	11477655	[A/G]	NA
Ca_Desi_Chrom_6_11477693	Ca_desi_chr06	11477693	[T/C]	NA
Ca_Desi_Chrom_6_11477727	Ca_desi_chr06	11477727	[T/C]	NA
Ca_Desi_Chrom_6_11477753	Ca_desi_chr06	11477753	[T/C]	NA
Ca_Desi_Chrom_7_2258	Ca_desi_chr07	2258	[T/G]	NA
Ca_Desi_Chrom_7_62005	Ca_desi_chr07	62005	[T/C]	NA
Ca_Desi_Chrom_7_62011	Ca_desi_chr07	62011	[A/C]	NA
Ca_Desi_Chrom_7_62027	Ca_desi_chr07	62027	[T/C]	NA
Ca_Desi_Chrom_7_62038	Ca_desi_chr07	62038	[T/C]	NA
Ca_Desi_Chrom_7_62045	Ca_desi_chr07	62045	[A/G]	NA
Ca_Desi_Chrom_7_62054	Ca_desi_chr07	62054	[T/G]	NA
Ca_Desi_Chrom_7_62059	Ca_desi_chr07	62059	[T/C]	NA
Ca_Desi_Chrom_7_174177	Ca_desi_chr07	174177	[T/C]	NA
Ca_Desi_Chrom_7_174182	Ca_desi_chr07	174182	[T/C]	NA
Ca_Desi_Chrom_7_174191	Ca_desi_chr07	174191	[T/C]	NA
Ca_Desi_Chrom_7_174201	Ca_desi_chr07	174201	[A/G]	NA
Ca_Desi_Chrom_7_174203	Ca_desi_chr07	174203	[C/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_174205	Ca_desi_chr07	174205	[T/A]	NA
Ca_Desi_Chrom_7_174207	Ca_desi_chr07	174207	[G/T]	NA
Ca_Desi_Chrom_7_174208	Ca_desi_chr07	174208	[C/G]	NA
Ca_Desi_Chrom_7_174211	Ca_desi_chr07	174211	[A/G]	NA
Ca_Desi_Chrom_7_174213	Ca_desi_chr07	174213	[T/C]	NA
Ca_Desi_Chrom_7_174215	Ca_desi_chr07	174215	[G/T]	NA
Ca_Desi_Chrom_7_174216	Ca_desi_chr07	174216	[A/G]	NA
Ca_Desi_Chrom_7_174218	Ca_desi_chr07	174218	[T/C]	NA
Ca_Desi_Chrom_7_174222	Ca_desi_chr07	174222	[A/G]	NA
Ca_Desi_Chrom_7_174235	Ca_desi_chr07	174235	[A/G]	NA
Ca_Desi_Chrom_7_174237	Ca_desi_chr07	174237	[A/G]	NA
Ca_Desi_Chrom_7_174245	Ca_desi_chr07	174245	[A/G]	NA
Ca_Desi_Chrom_7_174247	Ca_desi_chr07	174247	[A/G]	NA
Ca_Desi_Chrom_7_175030	Ca_desi_chr07	175030	[A/G]	NA
Ca_Desi_Chrom_7_175101	Ca_desi_chr07	175101	[A/C]	NA
Ca_Desi_Chrom_7_178592	Ca_desi_chr07	178592	[A/C]	NA
Ca_Desi_Chrom_7_182411	Ca_desi_chr07	182411	[T/C]	NA
Ca_Desi_Chrom_7_182440	Ca_desi_chr07	182440	[T/G]	NA
Ca_Desi_Chrom_7_218804	Ca_desi_chr07	218804	[A/G]	NA
Ca_Desi_Chrom_7_327863	Ca_desi_chr07	327863	[T/C]	NA
Ca_Desi_Chrom_7_339816	Ca_desi_chr07	339816	[A/C]	NA
Ca_Desi_Chrom_7_339857	Ca_desi_chr07	339857	[T/G]	NA
Ca_Desi_Chrom_7_350165	Ca_desi_chr07	350165	[A/C]	NA
Ca_Desi_Chrom_7_360893	Ca_desi_chr07	360893	[A/C]	NA
Ca_Desi_Chrom_7_386824	Ca_desi_chr07	386824	[A/C]	NA
Ca_Desi_Chrom_7_398327	Ca_desi_chr07	398327	[G/T]	NA
Ca_Desi_Chrom_7_413090	Ca_desi_chr07	413090	[A/C]	NA
Ca_Desi_Chrom_7_428174	Ca_desi_chr07	428174	[A/T]	NA
Ca_Desi_Chrom_7_428191	Ca_desi_chr07	428191	[G/A]	NA
Ca_Desi_Chrom_7_429544	Ca_desi_chr07	429544	[A/C]	NA
Ca_Desi_Chrom_7_463991	Ca_desi_chr07	463991	[G/A]	NA
Ca_Desi_Chrom_7_463993	Ca_desi_chr07	463993	[A/C]	NA
Ca_Desi_Chrom_7_463994	Ca_desi_chr07	463994	[G/T]	NA
Ca_Desi_Chrom_7_575957	Ca_desi_chr07	575957	[T/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_640083	Ca_desi_chr07	640083	[T/G]	NA
Ca_Desi_Chrom_7_694652	Ca_desi_chr07	694652	[A/T]	NA
Ca_Desi_Chrom_7_694675	Ca_desi_chr07	694675	[G/T]	NA
Ca_Desi_Chrom_7_735745	Ca_desi_chr07	735745	[T/G]	NA
Ca_Desi_Chrom_7_735747	Ca_desi_chr07	735747	[T/G]	NA
Ca_Desi_Chrom_7_747310	Ca_desi_chr07	747310	[A/C]	NA
Ca_Desi_Chrom_7_754195	Ca_desi_chr07	754195	[G/A]	NA
Ca_Desi_Chrom_7_754198	Ca_desi_chr07	754198	[A/G]	NA
Ca_Desi_Chrom_7_754201	Ca_desi_chr07	754201	[G/T]	NA
Ca_Desi_Chrom_7_770276	Ca_desi_chr07	770276	[A/G]	NA
Ca_Desi_Chrom_7_770323	Ca_desi_chr07	770323	[C/G]	NA
Ca_Desi_Chrom_7_789702	Ca_desi_chr07	789702	[A/G]	NA
Ca_Desi_Chrom_7_789707	Ca_desi_chr07	789707	[A/G]	NA
Ca_Desi_Chrom_7_789718	Ca_desi_chr07	789718	[T/G]	NA
Ca_Desi_Chrom_7_789737	Ca_desi_chr07	789737	[A/G]	NA
Ca_Desi_Chrom_7_789741	Ca_desi_chr07	789741	[T/C]	NA
Ca_Desi_Chrom_7_789745	Ca_desi_chr07	789745	[A/C]	NA
Ca_Desi_Chrom_7_802095	Ca_desi_chr07	802095	[G/C]	NA
Ca_Desi_Chrom_7_984620	Ca_desi_chr07	984620	[A/C]	NA
Ca_Desi_Chrom_7_984634	Ca_desi_chr07	984634	[T/C]	NA
Ca_Desi_Chrom_7_1012489	Ca_desi_chr07	1012489	[T/C]	NA
Ca_Desi_Chrom_7_1012502	Ca_desi_chr07	1012502	[A/C]	NA
Ca_Desi_Chrom_7_1015717	Ca_desi_chr07	1015717	[T/G]	NA
Ca_Desi_Chrom_7_1029913	Ca_desi_chr07	1029913	[A/T]	NA
Ca_Desi_Chrom_7_1050537	Ca_desi_chr07	1050537	[G/T]	NA
Ca_Desi_Chrom_7_1050538	Ca_desi_chr07	1050538	[C/T]	NA
Ca_Desi_Chrom_7_1050539	Ca_desi_chr07	1050539	[A/T]	NA
Ca_Desi_Chrom_7_1050542	Ca_desi_chr07	1050542	[A/T]	NA
Ca_Desi_Chrom_7_1413096	Ca_desi_chr07	1413096	[A/C]	NA
Ca_Desi_Chrom_7_1414414	Ca_desi_chr07	1414414	[T/G]	NA
Ca_Desi_Chrom_7_1414430	Ca_desi_chr07	1414430	[A/C]	NA
Ca_Desi_Chrom_7_1414960	Ca_desi_chr07	1414960	[T/C]	NA
Ca_Desi_Chrom_7_1415415	Ca_desi_chr07	1415415	[A/T]	NA
Ca_Desi_Chrom_7_1418438	Ca_desi_chr07	1418438	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_1418441	Ca_desi_chr07	1418441	[A/C]	NA
Ca_Desi_Chrom_7_1418447	Ca_desi_chr07	1418447	[T/C]	NA
Ca_Desi_Chrom_7_1441106	Ca_desi_chr07	1441106	[C/A]	NA
Ca_Desi_Chrom_7_1441778	Ca_desi_chr07	1441778	[G/A]	NA
Ca_Desi_Chrom_7_1443635	Ca_desi_chr07	1443635	[A/C]	NA
Ca_Desi_Chrom_7_1443656	Ca_desi_chr07	1443656	[T/C]	NA
Ca_Desi_Chrom_7_1443801	Ca_desi_chr07	1443801	[A/T]	NA
Ca_Desi_Chrom_7_1443823	Ca_desi_chr07	1443823	[A/G]	NA
Ca_Desi_Chrom_7_1443839	Ca_desi_chr07	1443839	[T/C]	NA
Ca_Desi_Chrom_7_1443864	Ca_desi_chr07	1443864	[C/A]	NA
Ca_Desi_Chrom_7_1443867	Ca_desi_chr07	1443867	[A/T]	NA
Ca_Desi_Chrom_7_1443869	Ca_desi_chr07	1443869	[G/C]	NA
Ca_Desi_Chrom_7_1443872	Ca_desi_chr07	1443872	[A/C]	NA
Ca_Desi_Chrom_7_1443875	Ca_desi_chr07	1443875	[G/C]	NA
Ca_Desi_Chrom_7_1443877	Ca_desi_chr07	1443877	[A/T]	NA
Ca_Desi_Chrom_7_1443880	Ca_desi_chr07	1443880	[T/G]	NA
Ca_Desi_Chrom_7_1443882	Ca_desi_chr07	1443882	[G/C]	NA
Ca_Desi_Chrom_7_1443904	Ca_desi_chr07	1443904	[T/G]	NA
Ca_Desi_Chrom_7_1443906	Ca_desi_chr07	1443906	[C/T]	NA
Ca_Desi_Chrom_7_1444385	Ca_desi_chr07	1444385	[G/A]	NA
Ca_Desi_Chrom_7_1444388	Ca_desi_chr07	1444388	[C/T]	NA
Ca_Desi_Chrom_7_1508084	Ca_desi_chr07	1508084	[T/C]	NA
Ca_Desi_Chrom_7_1530481	Ca_desi_chr07	1530481	[A/C]	NA
Ca_Desi_Chrom_7_1541580	Ca_desi_chr07	1541580	[A/T]	NA
Ca_Desi_Chrom_7_1541639	Ca_desi_chr07	1541639	[T/G]	NA
Ca_Desi_Chrom_7_1541646	Ca_desi_chr07	1541646	[C/G]	NA
Ca_Desi_Chrom_7_1558730	Ca_desi_chr07	1558730	[T/G]	NA
Ca_Desi_Chrom_7_1558732	Ca_desi_chr07	1558732	[T/G]	NA
Ca_Desi_Chrom_7_1558734	Ca_desi_chr07	1558734	[T/G]	NA
Ca_Desi_Chrom_7_1558737	Ca_desi_chr07	1558737	[T/A]	NA
Ca_Desi_Chrom_7_1558739	Ca_desi_chr07	1558739	[A/T]	NA
Ca_Desi_Chrom_7_1558747	Ca_desi_chr07	1558747	[T/G]	NA
Ca_Desi_Chrom_7_1566076	Ca_desi_chr07	1566076	[T/G]	NA
Ca_Desi_Chrom_7_1573638	Ca_desi_chr07	1573638	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_1573654	Ca_desi_chr07	1573654	[A/G]	NA
Ca_Desi_Chrom_7_1573659	Ca_desi_chr07	1573659	[T/G]	NA
Ca_Desi_Chrom_7_1573745	Ca_desi_chr07	1573745	[T/G]	NA
Ca_Desi_Chrom_7_1579057	Ca_desi_chr07	1579057	[A/C]	NA
Ca_Desi_Chrom_7_1583764	Ca_desi_chr07	1583764	[T/C]	NA
Ca_Desi_Chrom_7_1583771	Ca_desi_chr07	1583771	[T/G]	NA
Ca_Desi_Chrom_7_1583778	Ca_desi_chr07	1583778	[T/G]	NA
Ca_Desi_Chrom_7_1619995	Ca_desi_chr07	1619995	[A/C]	NA
Ca_Desi_Chrom_7_1630848	Ca_desi_chr07	1630848	[A/G]	NA
Ca_Desi_Chrom_7_1630861	Ca_desi_chr07	1630861	[C/A]	NA
Ca_Desi_Chrom_7_1631320	Ca_desi_chr07	1631320	[G/A]	NA
Ca_Desi_Chrom_7_1631428	Ca_desi_chr07	1631428	[T/C]	NA
Ca_Desi_Chrom_7_1631890	Ca_desi_chr07	1631890	[T/C]	NA
Ca_Desi_Chrom_7_1634725	Ca_desi_chr07	1634725	[T/G]	NA
Ca_Desi_Chrom_7_1634726	Ca_desi_chr07	1634726	[C/G]	NA
Ca_Desi_Chrom_7_1634727	Ca_desi_chr07	1634727	[T/C]	NA
Ca_Desi_Chrom_7_1634728	Ca_desi_chr07	1634728	[T/C]	NA
Ca_Desi_Chrom_7_1634729	Ca_desi_chr07	1634729	[T/A]	NA
Ca_Desi_Chrom_7_1634730	Ca_desi_chr07	1634730	[A/T]	NA
Ca_Desi_Chrom_7_1634790	Ca_desi_chr07	1634790	[A/G]	NA
Ca_Desi_Chrom_7_1634992	Ca_desi_chr07	1634992	[T/G]	NA
Ca_Desi_Chrom_7_1635022	Ca_desi_chr07	1635022	[A/G]	NA
Ca_Desi_Chrom_7_1635054	Ca_desi_chr07	1635054	[A/G]	NA
Ca_Desi_Chrom_7_1635068	Ca_desi_chr07	1635068	[C/T]	NA
Ca_Desi_Chrom_7_1668089	Ca_desi_chr07	1668089	[T/C]	NA
Ca_Desi_Chrom_7_1668112	Ca_desi_chr07	1668112	[C/T]	NA
Ca_Desi_Chrom_7_1744061	Ca_desi_chr07	1744061	[A/C]	NA
Ca_Desi_Chrom_7_1760104	Ca_desi_chr07	1760104	[T/G]	NA
Ca_Desi_Chrom_7_1760157	Ca_desi_chr07	1760157	[A/G]	NA
Ca_Desi_Chrom_7_1761375	Ca_desi_chr07	1761375	[G/A]	NA
Ca_Desi_Chrom_7_1761414	Ca_desi_chr07	1761414	[G/A]	NA
Ca_Desi_Chrom_7_1763162	Ca_desi_chr07	1763162	[A/C]	NA
Ca_Desi_Chrom_7_1828880	Ca_desi_chr07	1828880	[T/G]	NA
Ca_Desi_Chrom_7_1828967	Ca_desi_chr07	1828967	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_1829019	Ca_desi_chr07	1829019	[A/T]	NA
Ca_Desi_Chrom_7_1829034	Ca_desi_chr07	1829034	[T/C]	NA
Ca_Desi_Chrom_7_1829055	Ca_desi_chr07	1829055	[A/G]	NA
Ca_Desi_Chrom_7_1829061	Ca_desi_chr07	1829061	[A/G]	NA
Ca_Desi_Chrom_7_1832858	Ca_desi_chr07	1832858	[A/T]	NA
Ca_Desi_Chrom_7_1875982	Ca_desi_chr07	1875982	[T/G]	NA
Ca_Desi_Chrom_7_1875998	Ca_desi_chr07	1875998	[A/C]	NA
Ca_Desi_Chrom_7_1883010	Ca_desi_chr07	1883010	[T/A]	NA
Ca_Desi_Chrom_7_2000373	Ca_desi_chr07	2000373	[A/G]	NA
Ca_Desi_Chrom_7_2000399	Ca_desi_chr07	2000399	[T/G]	NA
Ca_Desi_Chrom_7_2018106	Ca_desi_chr07	2018106	[T/C]	NA
Ca_Desi_Chrom_7_2018747	Ca_desi_chr07	2018747	[T/G]	NA
Ca_Desi_Chrom_7_2019144	Ca_desi_chr07	2019144	[T/A]	NA
Ca_Desi_Chrom_7_2036771	Ca_desi_chr07	2036771	[C/T]	NA
Ca_Desi_Chrom_7_2047543	Ca_desi_chr07	2047543	[G/A]	NA
Ca_Desi_Chrom_7_2051090	Ca_desi_chr07	2051090	[T/G]	NA
Ca_Desi_Chrom_7_2051208	Ca_desi_chr07	2051208	[A/C]	NA
Ca_Desi_Chrom_7_2127195	Ca_desi_chr07	2127195	[C/A]	NA
Ca_Desi_Chrom_7_2127196	Ca_desi_chr07	2127196	[C/G]	NA
Ca_Desi_Chrom_7_2127197	Ca_desi_chr07	2127197	[G/A]	NA
Ca_Desi_Chrom_7_2127198	Ca_desi_chr07	2127198	[G/T]	NA
Ca_Desi_Chrom_7_2183490	Ca_desi_chr07	2183490	[T/C]	NA
Ca_Desi_Chrom_7_2183574	Ca_desi_chr07	2183574	[A/C]	NA
Ca_Desi_Chrom_7_2183597	Ca_desi_chr07	2183597	[A/C]	NA
Ca_Desi_Chrom_7_2183627	Ca_desi_chr07	2183627	[A/T]	NA
Ca_Desi_Chrom_7_2195618	Ca_desi_chr07	2195618	[T/C]	NA
Ca_Desi_Chrom_7_2195622	Ca_desi_chr07	2195622	[G/A]	NA
Ca_Desi_Chrom_7_2195623	Ca_desi_chr07	2195623	[G/T]	NA
Ca_Desi_Chrom_7_2195792	Ca_desi_chr07	2195792	[A/G]	NA
Ca_Desi_Chrom_7_2196288	Ca_desi_chr07	2196288	[T/A]	NA
Ca_Desi_Chrom_7_2196542	Ca_desi_chr07	2196542	[T/C]	NA
Ca_Desi_Chrom_7_2196580	Ca_desi_chr07	2196580	[A/G]	NA
Ca_Desi_Chrom_7_2197057	Ca_desi_chr07	2197057	[G/A]	NA
Ca_Desi_Chrom_7_2203200	Ca_desi_chr07	2203200	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_2203203	Ca_desi_chr07	2203203	[T/C]	NA
Ca_Desi_Chrom_7_2203210	Ca_desi_chr07	2203210	[T/C]	NA
Ca_Desi_Chrom_7_2203215	Ca_desi_chr07	2203215	[T/C]	NA
Ca_Desi_Chrom_7_2203225	Ca_desi_chr07	2203225	[A/G]	NA
Ca_Desi_Chrom_7_2203249	Ca_desi_chr07	2203249	[A/G]	NA
Ca_Desi_Chrom_7_2203291	Ca_desi_chr07	2203291	[T/C]	NA
Ca_Desi_Chrom_7_2203320	Ca_desi_chr07	2203320	[A/C]	NA
Ca_Desi_Chrom_7_2203348	Ca_desi_chr07	2203348	[A/T]	NA
Ca_Desi_Chrom_7_2211434	Ca_desi_chr07	2211434	[T/A]	NA
Ca_Desi_Chrom_7_2212373	Ca_desi_chr07	2212373	[A/C]	NA
Ca_Desi_Chrom_7_2226248	Ca_desi_chr07	2226248	[A/G]	NA
Ca_Desi_Chrom_7_2226279	Ca_desi_chr07	2226279	[C/T]	NA
Ca_Desi_Chrom_7_2295278	Ca_desi_chr07	2295278	[T/C]	NA
Ca_Desi_Chrom_7_2295281	Ca_desi_chr07	2295281	[T/C]	NA
Ca_Desi_Chrom_7_2295317	Ca_desi_chr07	2295317	[A/C]	NA
Ca_Desi_Chrom_7_2295320	Ca_desi_chr07	2295320	[T/C]	NA
Ca_Desi_Chrom_7_2374483	Ca_desi_chr07	2374483	[A/C]	NA
Ca_Desi_Chrom_7_2374492	Ca_desi_chr07	2374492	[A/C]	NA
Ca_Desi_Chrom_7_2374502	Ca_desi_chr07	2374502	[G/A]	NA
Ca_Desi_Chrom_7_2374524	Ca_desi_chr07	2374524	[A/G]	NA
Ca_Desi_Chrom_7_2385449	Ca_desi_chr07	2385449	[A/G]	NA
Ca_Desi_Chrom_7_2385453	Ca_desi_chr07	2385453	[A/G]	NA
Ca_Desi_Chrom_7_2415032	Ca_desi_chr07	2415032	[T/C]	NA
Ca_Desi_Chrom_7_2415035	Ca_desi_chr07	2415035	[T/C]	NA
Ca_Desi_Chrom_7_2415045	Ca_desi_chr07	2415045	[A/C]	NA
Ca_Desi_Chrom_7_2415050	Ca_desi_chr07	2415050	[A/C]	NA
Ca_Desi_Chrom_7_2415055	Ca_desi_chr07	2415055	[T/C]	NA
Ca_Desi_Chrom_7_2415067	Ca_desi_chr07	2415067	[A/G]	NA
Ca_Desi_Chrom_7_2415068	Ca_desi_chr07	2415068	[A/G]	NA
Ca_Desi_Chrom_7_2415070	Ca_desi_chr07	2415070	[T/A]	NA
Ca_Desi_Chrom_7_2415075	Ca_desi_chr07	2415075	[A/G]	NA
Ca_Desi_Chrom_7_2434160	Ca_desi_chr07	2434160	[G/T]	NA
Ca_Desi_Chrom_7_2541486	Ca_desi_chr07	2541486	[T/G]	NA
Ca_Desi_Chrom_7_2569346	Ca_desi_chr07	2569346	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_2569348	Ca_desi_chr07	2569348	[T/A]	NA
Ca_Desi_Chrom_7_2570445	Ca_desi_chr07	2570445	[C/T]	NA
Ca_Desi_Chrom_7_2570459	Ca_desi_chr07	2570459	[A/C]	NA
Ca_Desi_Chrom_7_2570483	Ca_desi_chr07	2570483	[G/T]	NA
Ca_Desi_Chrom_7_2570489	Ca_desi_chr07	2570489	[C/T]	NA
Ca_Desi_Chrom_7_2683264	Ca_desi_chr07	2683264	[T/C]	NA
Ca_Desi_Chrom_7_2683272	Ca_desi_chr07	2683272	[A/C]	NA
Ca_Desi_Chrom_7_2683275	Ca_desi_chr07	2683275	[A/G]	NA
Ca_Desi_Chrom_7_2683284	Ca_desi_chr07	2683284	[T/A]	NA
Ca_Desi_Chrom_7_2683308	Ca_desi_chr07	2683308	[A/G]	NA
Ca_Desi_Chrom_7_2683825	Ca_desi_chr07	2683825	[A/C]	NA
Ca_Desi_Chrom_7_2683837	Ca_desi_chr07	2683837	[A/C]	NA
Ca_Desi_Chrom_7_2686437	Ca_desi_chr07	2686437	[A/C]	NA
Ca_Desi_Chrom_7_2686440	Ca_desi_chr07	2686440	[A/C]	NA
Ca_Desi_Chrom_7_2705539	Ca_desi_chr07	2705539	[A/C]	NA
Ca_Desi_Chrom_7_2705542	Ca_desi_chr07	2705542	[A/C]	NA
Ca_Desi_Chrom_7_2705550	Ca_desi_chr07	2705550	[G/A]	NA
Ca_Desi_Chrom_7_2707626	Ca_desi_chr07	2707626	[T/C]	NA
Ca_Desi_Chrom_7_2707632	Ca_desi_chr07	2707632	[T/C]	NA
Ca_Desi_Chrom_7_2707637	Ca_desi_chr07	2707637	[A/C]	NA
Ca_Desi_Chrom_7_2707640	Ca_desi_chr07	2707640	[A/C]	NA
Ca_Desi_Chrom_7_2707647	Ca_desi_chr07	2707647	[T/C]	NA
Ca_Desi_Chrom_7_2707674	Ca_desi_chr07	2707674	[T/C]	NA
Ca_Desi_Chrom_7_2707708	Ca_desi_chr07	2707708	[T/C]	NA
Ca_Desi_Chrom_7_2707720	Ca_desi_chr07	2707720	[G/T]	NA
Ca_Desi_Chrom_7_2707722	Ca_desi_chr07	2707722	[G/T]	NA
Ca_Desi_Chrom_7_2707735	Ca_desi_chr07	2707735	[A/G]	NA
Ca_Desi_Chrom_7_2707763	Ca_desi_chr07	2707763	[A/G]	NA
Ca_Desi_Chrom_7_2736407	Ca_desi_chr07	2736407	[T/C]	NA
Ca_Desi_Chrom_7_2736428	Ca_desi_chr07	2736428	[A/C]	NA
Ca_Desi_Chrom_7_2754623	Ca_desi_chr07	2754623	[A/C]	NA
Ca_Desi_Chrom_7_2789427	Ca_desi_chr07	2789427	[A/G]	NA
Ca_Desi_Chrom_7_2889402	Ca_desi_chr07	2889402	[A/C]	NA
Ca_Desi_Chrom_7_2889547	Ca_desi_chr07	2889547	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_2889767	Ca_desi_chr07	2889767	[A/G]	NA
Ca_Desi_Chrom_7_2895784	Ca_desi_chr07	2895784	[T/G]	NA
Ca_Desi_Chrom_7_2925738	Ca_desi_chr07	2925738	[T/G]	NA
Ca_Desi_Chrom_7_2944464	Ca_desi_chr07	2944464	[T/G]	NA
Ca_Desi_Chrom_7_2945921	Ca_desi_chr07	2945921	[T/C]	NA
Ca_Desi_Chrom_7_2945963	Ca_desi_chr07	2945963	[C/T]	NA
Ca_Desi_Chrom_7_2952198	Ca_desi_chr07	2952198	[C/T]	NA
Ca_Desi_Chrom_7_2967020	Ca_desi_chr07	2967020	[T/C]	NA
Ca_Desi_Chrom_7_2967057	Ca_desi_chr07	2967057	[T/C]	NA
Ca_Desi_Chrom_7_2967079	Ca_desi_chr07	2967079	[A/G]	NA
Ca_Desi_Chrom_7_2967086	Ca_desi_chr07	2967086	[A/C]	NA
Ca_Desi_Chrom_7_3005751	Ca_desi_chr07	3005751	[A/G]	NA
Ca_Desi_Chrom_7_3007471	Ca_desi_chr07	3007471	[A/T]	NA
Ca_Desi_Chrom_7_3123550	Ca_desi_chr07	3123550	[T/A]	NA
Ca_Desi_Chrom_7_3123632	Ca_desi_chr07	3123632	[A/C]	NA
Ca_Desi_Chrom_7_3123729	Ca_desi_chr07	3123729	[T/G]	NA
Ca_Desi_Chrom_7_3124015	Ca_desi_chr07	3124015	[A/C]	NA
Ca_Desi_Chrom_7_3135128	Ca_desi_chr07	3135128	[A/G]	NA
Ca_Desi_Chrom_7_3136837	Ca_desi_chr07	3136837	[T/G]	NA
Ca_Desi_Chrom_7_3150114	Ca_desi_chr07	3150114	[A/T]	NA
Ca_Desi_Chrom_7_3150159	Ca_desi_chr07	3150159	[A/C]	NA
Ca_Desi_Chrom_7_3150165	Ca_desi_chr07	3150165	[A/G]	NA
Ca_Desi_Chrom_7_3167829	Ca_desi_chr07	3167829	[T/A]	NA
Ca_Desi_Chrom_7_3184049	Ca_desi_chr07	3184049	[T/A]	NA
Ca_Desi_Chrom_7_3386851	Ca_desi_chr07	3386851	[T/G]	NA
Ca_Desi_Chrom_7_3409216	Ca_desi_chr07	3409216	[T/C]	NA
Ca_Desi_Chrom_7_3481205	Ca_desi_chr07	3481205	[C/A]	NA
Ca_Desi_Chrom_7_3481220	Ca_desi_chr07	3481220	[T/C]	NA
Ca_Desi_Chrom_7_3481243	Ca_desi_chr07	3481243	[T/C]	NA
Ca_Desi_Chrom_7_3481247	Ca_desi_chr07	3481247	[T/G]	NA
Ca_Desi_Chrom_7_3481267	Ca_desi_chr07	3481267	[T/A]	NA
Ca_Desi_Chrom_7_3483183	Ca_desi_chr07	3483183	[A/G]	NA
Ca_Desi_Chrom_7_3483311	Ca_desi_chr07	3483311	[A/C]	NA
Ca_Desi_Chrom_7_3485064	Ca_desi_chr07	3485064	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_3485566	Ca_desi_chr07	3485566	[T/C]	NA
Ca_Desi_Chrom_7_3485583	Ca_desi_chr07	3485583	[A/G]	NA
Ca_Desi_Chrom_7_3485586	Ca_desi_chr07	3485586	[A/G]	NA
Ca_Desi_Chrom_7_3485592	Ca_desi_chr07	3485592	[T/A]	NA
Ca_Desi_Chrom_7_3485594	Ca_desi_chr07	3485594	[T/C]	NA
Ca_Desi_Chrom_7_3485626	Ca_desi_chr07	3485626	[G/A]	NA
Ca_Desi_Chrom_7_3485664	Ca_desi_chr07	3485664	[T/C]	NA
Ca_Desi_Chrom_7_3485666	Ca_desi_chr07	3485666	[A/G]	NA
Ca_Desi_Chrom_7_3485674	Ca_desi_chr07	3485674	[T/C]	NA
Ca_Desi_Chrom_7_3528194	Ca_desi_chr07	3528194	[A/G]	NA
Ca_Desi_Chrom_7_3528202	Ca_desi_chr07	3528202	[A/G]	NA
Ca_Desi_Chrom_7_3528208	Ca_desi_chr07	3528208	[A/G]	NA
Ca_Desi_Chrom_7_3528212	Ca_desi_chr07	3528212	[T/C]	NA
Ca_Desi_Chrom_7_3528229	Ca_desi_chr07	3528229	[A/C]	NA
Ca_Desi_Chrom_7_3528235	Ca_desi_chr07	3528235	[T/C]	NA
Ca_Desi_Chrom_7_3528237	Ca_desi_chr07	3528237	[A/G]	NA
Ca_Desi_Chrom_7_3529252	Ca_desi_chr07	3529252	[T/C]	NA
Ca_Desi_Chrom_7_3529337	Ca_desi_chr07	3529337	[A/C]	NA
Ca_Desi_Chrom_7_3529364	Ca_desi_chr07	3529364	[A/G]	NA
Ca_Desi_Chrom_7_3675235	Ca_desi_chr07	3675235	[T/G]	NA
Ca_Desi_Chrom_7_3675434	Ca_desi_chr07	3675434	[G/C]	NA
Ca_Desi_Chrom_7_3683741	Ca_desi_chr07	3683741	[C/T]	NA
Ca_Desi_Chrom_7_3771421	Ca_desi_chr07	3771421	[A/C]	NA
Ca_Desi_Chrom_7_3771425	Ca_desi_chr07	3771425	[G/A]	NA
Ca_Desi_Chrom_7_3771426	Ca_desi_chr07	3771426	[G/A]	NA
Ca_Desi_Chrom_7_3826692	Ca_desi_chr07	3826692	[T/C]	NA
Ca_Desi_Chrom_7_3826722	Ca_desi_chr07	3826722	[A/C]	NA
Ca_Desi_Chrom_7_3826724	Ca_desi_chr07	3826724	[A/C]	NA
Ca_Desi_Chrom_7_3826751	Ca_desi_chr07	3826751	[A/C]	NA
Ca_Desi_Chrom_7_3949766	Ca_desi_chr07	3949766	[T/C]	NA
Ca_Desi_Chrom_7_3970206	Ca_desi_chr07	3970206	[A/G]	NA
Ca_Desi_Chrom_7_4043690	Ca_desi_chr07	4043690	[A/G]	NA
Ca_Desi_Chrom_7_4043692	Ca_desi_chr07	4043692	[T/G]	NA
Ca_Desi_Chrom_7_4043704	Ca_desi_chr07	4043704	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_4120102	Ca_desi_chr07	4120102	[T/G]	NA
Ca_Desi_Chrom_7_4130618	Ca_desi_chr07	4130618	[A/C]	NA
Ca_Desi_Chrom_7_4130746	Ca_desi_chr07	4130746	[G/A]	NA
Ca_Desi_Chrom_7_4130747	Ca_desi_chr07	4130747	[A/T]	NA
Ca_Desi_Chrom_7_4130748	Ca_desi_chr07	4130748	[G/C]	NA
Ca_Desi_Chrom_7_4130749	Ca_desi_chr07	4130749	[G/T]	NA
Ca_Desi_Chrom_7_4142662	Ca_desi_chr07	4142662	[A/C]	NA
Ca_Desi_Chrom_7_4226398	Ca_desi_chr07	4226398	[T/G]	NA
Ca_Desi_Chrom_7_4276890	Ca_desi_chr07	4276890	[A/C]	NA
Ca_Desi_Chrom_7_4370417	Ca_desi_chr07	4370417	[T/G]	NA
Ca_Desi_Chrom_7_4370418	Ca_desi_chr07	4370418	[G/A]	NA
Ca_Desi_Chrom_7_4370420	Ca_desi_chr07	4370420	[A/C]	NA
Ca_Desi_Chrom_7_4370421	Ca_desi_chr07	4370421	[C/G]	NA
Ca_Desi_Chrom_7_4370423	Ca_desi_chr07	4370423	[C/A]	NA
Ca_Desi_Chrom_7_4479869	Ca_desi_chr07	4479869	[A/G]	NA
Ca_Desi_Chrom_7_4479871	Ca_desi_chr07	4479871	[A/C]	NA
Ca_Desi_Chrom_7_4597378	Ca_desi_chr07	4597378	[T/C]	NA
Ca_Desi_Chrom_7_4597380	Ca_desi_chr07	4597380	[T/C]	NA
Ca_Desi_Chrom_7_4597385	Ca_desi_chr07	4597385	[A/G]	NA
Ca_Desi_Chrom_7_4597392	Ca_desi_chr07	4597392	[A/G]	NA
Ca_Desi_Chrom_7_4597399	Ca_desi_chr07	4597399	[T/G]	NA
Ca_Desi_Chrom_7_4597406	Ca_desi_chr07	4597406	[A/G]	NA
Ca_Desi_Chrom_7_4597417	Ca_desi_chr07	4597417	[A/G]	NA
Ca_Desi_Chrom_7_4729239	Ca_desi_chr07	4729239	[T/C]	NA
Ca_Desi_Chrom_7_4729243	Ca_desi_chr07	4729243	[T/C]	NA
Ca_Desi_Chrom_7_4729251	Ca_desi_chr07	4729251	[T/C]	NA
Ca_Desi_Chrom_7_4734260	Ca_desi_chr07	4734260	[A/T]	NA
Ca_Desi_Chrom_7_4734264	Ca_desi_chr07	4734264	[G/C]	NA
Ca_Desi_Chrom_7_4734265	Ca_desi_chr07	4734265	[A/T]	NA
Ca_Desi_Chrom_7_4734268	Ca_desi_chr07	4734268	[T/C]	NA
Ca_Desi_Chrom_7_4734278	Ca_desi_chr07	4734278	[T/C]	NA
Ca_Desi_Chrom_7_4734291	Ca_desi_chr07	4734291	[T/C]	NA
Ca_Desi_Chrom_7_4734292	Ca_desi_chr07	4734292	[C/T]	NA
Ca_Desi_Chrom_7_4734296	Ca_desi_chr07	4734296	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_4734305	Ca_desi_chr07	4734305	[T/A]	NA
Ca_Desi_Chrom_7_4940454	Ca_desi_chr07	4940454	[G/A]	NA
Ca_Desi_Chrom_7_4940521	Ca_desi_chr07	4940521	[T/G]	NA
Ca_Desi_Chrom_7_4997761	Ca_desi_chr07	4997761	[T/C]	NA
Ca_Desi_Chrom_7_4997784	Ca_desi_chr07	4997784	[T/C]	NA
Ca_Desi_Chrom_7_4997800	Ca_desi_chr07	4997800	[T/G]	NA
Ca_Desi_Chrom_7_4997818	Ca_desi_chr07	4997818	[T/C]	NA
Ca_Desi_Chrom_7_5036733	Ca_desi_chr07	5036733	[C/A]	NA
Ca_Desi_Chrom_7_5036746	Ca_desi_chr07	5036746	[T/G]	NA
Ca_Desi_Chrom_7_5036756	Ca_desi_chr07	5036756	[A/G]	NA
Ca_Desi_Chrom_7_5036766	Ca_desi_chr07	5036766	[T/G]	NA
Ca_Desi_Chrom_7_5036769	Ca_desi_chr07	5036769	[A/G]	NA
Ca_Desi_Chrom_7_5036776	Ca_desi_chr07	5036776	[T/G]	NA
Ca_Desi_Chrom_7_5036781	Ca_desi_chr07	5036781	[T/G]	NA
Ca_Desi_Chrom_7_5091350	Ca_desi_chr07	5091350	[A/G]	NA
Ca_Desi_Chrom_7_5097661	Ca_desi_chr07	5097661	[T/A]	NA
Ca_Desi_Chrom_7_5097710	Ca_desi_chr07	5097710	[T/C]	NA
Ca_Desi_Chrom_7_5097721	Ca_desi_chr07	5097721	[T/C]	NA
Ca_Desi_Chrom_7_5097740	Ca_desi_chr07	5097740	[T/C]	NA
Ca_Desi_Chrom_7_5097753	Ca_desi_chr07	5097753	[T/C]	NA
Ca_Desi_Chrom_7_5097764	Ca_desi_chr07	5097764	[T/C]	NA
Ca_Desi_Chrom_7_5097778	Ca_desi_chr07	5097778	[A/G]	NA
Ca_Desi_Chrom_7_5097780	Ca_desi_chr07	5097780	[A/G]	NA
Ca_Desi_Chrom_7_5097782	Ca_desi_chr07	5097782	[A/C]	NA
Ca_Desi_Chrom_7_5137817	Ca_desi_chr07	5137817	[A/C]	NA
Ca_Desi_Chrom_7_5137821	Ca_desi_chr07	5137821	[C/T]	NA
Ca_Desi_Chrom_7_5138627	Ca_desi_chr07	5138627	[G/A]	NA
Ca_Desi_Chrom_7_5139249	Ca_desi_chr07	5139249	[A/G]	NA
Ca_Desi_Chrom_7_5139263	Ca_desi_chr07	5139263	[A/G]	NA
Ca_Desi_Chrom_7_5139269	Ca_desi_chr07	5139269	[G/A]	NA
Ca_Desi_Chrom_7_5230967	Ca_desi_chr07	5230967	[T/C]	NA
Ca_Desi_Chrom_7_5230983	Ca_desi_chr07	5230983	[A/G]	NA
Ca_Desi_Chrom_7_5231212	Ca_desi_chr07	5231212	[T/A]	NA
Ca_Desi_Chrom_7_5332132	Ca_desi_chr07	5332132	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_5338941	Ca_desi_chr07	5338941	[A/G]	NA
Ca_Desi_Chrom_7_5338942	Ca_desi_chr07	5338942	[G/A]	NA
Ca_Desi_Chrom_7_5338944	Ca_desi_chr07	5338944	[T/C]	NA
Ca_Desi_Chrom_7_5338945	Ca_desi_chr07	5338945	[G/T]	NA
Ca_Desi_Chrom_7_5353889	Ca_desi_chr07	5353889	[C/A]	NA
Ca_Desi_Chrom_7_5584192	Ca_desi_chr07	5584192	[T/A]	NA
Ca_Desi_Chrom_7_5601847	Ca_desi_chr07	5601847	[T/G]	NA
Ca_Desi_Chrom_7_5601857	Ca_desi_chr07	5601857	[T/G]	NA
Ca_Desi_Chrom_7_5601864	Ca_desi_chr07	5601864	[T/G]	NA
Ca_Desi_Chrom_7_5601880	Ca_desi_chr07	5601880	[T/G]	NA
Ca_Desi_Chrom_7_5617700	Ca_desi_chr07	5617700	[T/C]	NA
Ca_Desi_Chrom_7_5617723	Ca_desi_chr07	5617723	[A/G]	NA
Ca_Desi_Chrom_7_5729985	Ca_desi_chr07	5729985	[A/C]	NA
Ca_Desi_Chrom_7_5729987	Ca_desi_chr07	5729987	[A/G]	NA
Ca_Desi_Chrom_7_5768131	Ca_desi_chr07	5768131	[C/T]	NA
Ca_Desi_Chrom_7_5804084	Ca_desi_chr07	5804084	[A/C]	NA
Ca_Desi_Chrom_7_5882433	Ca_desi_chr07	5882433	[C/A]	NA
Ca_Desi_Chrom_7_5882434	Ca_desi_chr07	5882434	[T/G]	NA
Ca_Desi_Chrom_7_5882437	Ca_desi_chr07	5882437	[T/G]	NA
Ca_Desi_Chrom_7_5885434	Ca_desi_chr07	5885434	[T/G]	NA
Ca_Desi_Chrom_7_5885449	Ca_desi_chr07	5885449	[T/C]	NA
Ca_Desi_Chrom_7_5885453	Ca_desi_chr07	5885453	[A/C]	NA
Ca_Desi_Chrom_7_5885486	Ca_desi_chr07	5885486	[C/T]	NA
Ca_Desi_Chrom_7_6078085	Ca_desi_chr07	6078085	[T/C]	NA
Ca_Desi_Chrom_7_6078114	Ca_desi_chr07	6078114	[A/C]	NA
Ca_Desi_Chrom_7_6093837	Ca_desi_chr07	6093837	[A/G]	NA
Ca_Desi_Chrom_7_6093841	Ca_desi_chr07	6093841	[T/C]	NA
Ca_Desi_Chrom_7_6093852	Ca_desi_chr07	6093852	[T/C]	NA
Ca_Desi_Chrom_7_6093864	Ca_desi_chr07	6093864	[T/G]	NA
Ca_Desi_Chrom_7_6093868	Ca_desi_chr07	6093868	[T/C]	NA
Ca_Desi_Chrom_7_6093872	Ca_desi_chr07	6093872	[A/C]	NA
Ca_Desi_Chrom_7_6093873	Ca_desi_chr07	6093873	[T/C]	NA
Ca_Desi_Chrom_7_6093890	Ca_desi_chr07	6093890	[A/G]	NA
Ca_Desi_Chrom_7_6093896	Ca_desi_chr07	6093896	[C/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_6099565	Ca_desi_chr07	6099565	[T/C]	NA
Ca_Desi_Chrom_7_6099577	Ca_desi_chr07	6099577	[T/C]	NA
Ca_Desi_Chrom_7_6099580	Ca_desi_chr07	6099580	[T/G]	NA
Ca_Desi_Chrom_7_6099586	Ca_desi_chr07	6099586	[A/G]	NA
Ca_Desi_Chrom_7_6099594	Ca_desi_chr07	6099594	[A/G]	NA
Ca_Desi_Chrom_7_6099600	Ca_desi_chr07	6099600	[A/G]	NA
Ca_Desi_Chrom_7_6099605	Ca_desi_chr07	6099605	[T/C]	NA
Ca_Desi_Chrom_7_6099611	Ca_desi_chr07	6099611	[A/G]	NA
Ca_Desi_Chrom_7_6099632	Ca_desi_chr07	6099632	[A/G]	NA
Ca_Desi_Chrom_7_6136674	Ca_desi_chr07	6136674	[T/A]	NA
Ca_Desi_Chrom_7_6179102	Ca_desi_chr07	6179102	[A/C]	NA
Ca_Desi_Chrom_7_6252936	Ca_desi_chr07	6252936	[T/C]	NA
Ca_Desi_Chrom_7_6252937	Ca_desi_chr07	6252937	[C/A]	NA
Ca_Desi_Chrom_7_6252943	Ca_desi_chr07	6252943	[G/A]	NA
Ca_Desi_Chrom_7_6439899	Ca_desi_chr07	6439899	[T/G]	NA
Ca_Desi_Chrom_7_6441048	Ca_desi_chr07	6441048	[A/G]	NA
Ca_Desi_Chrom_7_6441056	Ca_desi_chr07	6441056	[A/G]	NA
Ca_Desi_Chrom_7_6441060	Ca_desi_chr07	6441060	[T/A]	NA
Ca_Desi_Chrom_7_6441072	Ca_desi_chr07	6441072	[A/G]	NA
Ca_Desi_Chrom_7_6441074	Ca_desi_chr07	6441074	[T/G]	NA
Ca_Desi_Chrom_7_6441081	Ca_desi_chr07	6441081	[T/C]	NA
Ca_Desi_Chrom_7_6441099	Ca_desi_chr07	6441099	[A/G]	NA
Ca_Desi_Chrom_7_6441103	Ca_desi_chr07	6441103	[T/C]	NA
Ca_Desi_Chrom_7_6441109	Ca_desi_chr07	6441109	[T/C]	NA
Ca_Desi_Chrom_7_6450367	Ca_desi_chr07	6450367	[G/A]	NA
Ca_Desi_Chrom_7_6483361	Ca_desi_chr07	6483361	[A/C]	NA
Ca_Desi_Chrom_7_6484390	Ca_desi_chr07	6484390	[A/C]	NA
Ca_Desi_Chrom_7_6484394	Ca_desi_chr07	6484394	[G/T]	NA
Ca_Desi_Chrom_7_6529630	Ca_desi_chr07	6529630	[T/G]	NA
Ca_Desi_Chrom_7_6537171	Ca_desi_chr07	6537171	[A/T]	NA
Ca_Desi_Chrom_7_6537181	Ca_desi_chr07	6537181	[A/C]	NA
Ca_Desi_Chrom_7_6537183	Ca_desi_chr07	6537183	[T/C]	NA
Ca_Desi_Chrom_7_6537185	Ca_desi_chr07	6537185	[C/T]	NA
Ca_Desi_Chrom_7_6537200	Ca_desi_chr07	6537200	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_6537202	Ca_desi_chr07	6537202	[A/G]	NA
Ca_Desi_Chrom_7_6537214	Ca_desi_chr07	6537214	[A/G]	NA
Ca_Desi_Chrom_7_6537215	Ca_desi_chr07	6537215	[C/G]	NA
Ca_Desi_Chrom_7_6605141	Ca_desi_chr07	6605141	[T/C]	NA
Ca_Desi_Chrom_7_6605148	Ca_desi_chr07	6605148	[T/C]	NA
Ca_Desi_Chrom_7_6605183	Ca_desi_chr07	6605183	[A/C]	NA
Ca_Desi_Chrom_7_6605214	Ca_desi_chr07	6605214	[A/G]	NA
Ca_Desi_Chrom_7_6627849	Ca_desi_chr07	6627849	[T/G]	NA
Ca_Desi_Chrom_7_6627877	Ca_desi_chr07	6627877	[T/A]	NA
Ca_Desi_Chrom_7_6678171	Ca_desi_chr07	6678171	[T/C]	NA
Ca_Desi_Chrom_7_6730241	Ca_desi_chr07	6730241	[T/A]	NA
Ca_Desi_Chrom_7_6736128	Ca_desi_chr07	6736128	[T/C]	NA
Ca_Desi_Chrom_7_6950270	Ca_desi_chr07	6950270	[A/C]	NA
Ca_Desi_Chrom_7_6950273	Ca_desi_chr07	6950273	[A/C]	NA
Ca_Desi_Chrom_7_6950276	Ca_desi_chr07	6950276	[A/C]	NA
Ca_Desi_Chrom_7_6950285	Ca_desi_chr07	6950285	[A/C]	NA
Ca_Desi_Chrom_7_6950288	Ca_desi_chr07	6950288	[A/C]	NA
Ca_Desi_Chrom_7_7078062	Ca_desi_chr07	7078062	[T/G]	NA
Ca_Desi_Chrom_7_7078065	Ca_desi_chr07	7078065	[T/G]	NA
Ca_Desi_Chrom_7_7078111	Ca_desi_chr07	7078111	[T/C]	NA
Ca_Desi_Chrom_7_7078115	Ca_desi_chr07	7078115	[A/C]	NA
Ca_Desi_Chrom_7_7078120	Ca_desi_chr07	7078120	[A/G]	NA
Ca_Desi_Chrom_7_7083489	Ca_desi_chr07	7083489	[T/G]	NA
Ca_Desi_Chrom_7_7176145	Ca_desi_chr07	7176145	[T/G]	NA
Ca_Desi_Chrom_7_7214111	Ca_desi_chr07	7214111	[T/C]	NA
Ca_Desi_Chrom_7_7222600	Ca_desi_chr07	7222600	[T/A]	NA
Ca_Desi_Chrom_7_7232958	Ca_desi_chr07	7232958	[T/G]	NA
Ca_Desi_Chrom_7_7234448	Ca_desi_chr07	7234448	[C/G]	NA
Ca_Desi_Chrom_7_7266110	Ca_desi_chr07	7266110	[T/C]	NA
Ca_Desi_Chrom_7_7266125	Ca_desi_chr07	7266125	[T/C]	NA
Ca_Desi_Chrom_7_7266154	Ca_desi_chr07	7266154	[A/T]	NA
Ca_Desi_Chrom_7_7266160	Ca_desi_chr07	7266160	[A/G]	NA
Ca_Desi_Chrom_7_7266162	Ca_desi_chr07	7266162	[T/A]	NA
Ca_Desi_Chrom_7_7266164	Ca_desi_chr07	7266164	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_7266167	Ca_desi_chr07	7266167	[A/G]	NA
Ca_Desi_Chrom_7_7266168	Ca_desi_chr07	7266168	[T/G]	NA
Ca_Desi_Chrom_7_7266186	Ca_desi_chr07	7266186	[A/G]	NA
Ca_Desi_Chrom_7_7266189	Ca_desi_chr07	7266189	[C/G]	NA
Ca_Desi_Chrom_7_7266192	Ca_desi_chr07	7266192	[G/A]	NA
Ca_Desi_Chrom_7_7266193	Ca_desi_chr07	7266193	[A/G]	NA
Ca_Desi_Chrom_7_7266194	Ca_desi_chr07	7266194	[G/A]	NA
Ca_Desi_Chrom_7_7266198	Ca_desi_chr07	7266198	[G/C]	NA
Ca_Desi_Chrom_7_7266205	Ca_desi_chr07	7266205	[T/C]	NA
Ca_Desi_Chrom_7_7266207	Ca_desi_chr07	7266207	[A/G]	NA
Ca_Desi_Chrom_7_7266210	Ca_desi_chr07	7266210	[C/G]	NA
Ca_Desi_Chrom_7_7488833	Ca_desi_chr07	7488833	[T/C]	NA
Ca_Desi_Chrom_7_7488842	Ca_desi_chr07	7488842	[T/A]	NA
Ca_Desi_Chrom_7_7497833	Ca_desi_chr07	7497833	[T/C]	NA
Ca_Desi_Chrom_7_7497865	Ca_desi_chr07	7497865	[A/G]	NA
Ca_Desi_Chrom_7_7497869	Ca_desi_chr07	7497869	[G/A]	NA
Ca_Desi_Chrom_7_7688659	Ca_desi_chr07	7688659	[A/T]	NA
Ca_Desi_Chrom_7_7688705	Ca_desi_chr07	7688705	[A/G]	NA
Ca_Desi_Chrom_7_7688714	Ca_desi_chr07	7688714	[A/C]	NA
Ca_Desi_Chrom_7_7688717	Ca_desi_chr07	7688717	[A/G]	NA
Ca_Desi_Chrom_7_7688756	Ca_desi_chr07	7688756	[T/C]	NA
Ca_Desi_Chrom_7_7688758	Ca_desi_chr07	7688758	[T/C]	NA
Ca_Desi_Chrom_7_7688765	Ca_desi_chr07	7688765	[T/C]	NA
Ca_Desi_Chrom_7_7750219	Ca_desi_chr07	7750219	[A/G]	NA
Ca_Desi_Chrom_7_7750254	Ca_desi_chr07	7750254	[T/C]	NA
Ca_Desi_Chrom_7_7750272	Ca_desi_chr07	7750272	[T/C]	NA
Ca_Desi_Chrom_7_7750981	Ca_desi_chr07	7750981	[A/G]	NA
Ca_Desi_Chrom_7_7751000	Ca_desi_chr07	7751000	[T/G]	NA
Ca_Desi_Chrom_7_7751102	Ca_desi_chr07	7751102	[T/G]	NA
Ca_Desi_Chrom_7_7751105	Ca_desi_chr07	7751105	[A/G]	NA
Ca_Desi_Chrom_7_7751107	Ca_desi_chr07	7751107	[T/G]	NA
Ca_Desi_Chrom_7_7751119	Ca_desi_chr07	7751119	[T/G]	NA
Ca_Desi_Chrom_7_7796833	Ca_desi_chr07	7796833	[A/T]	NA
Ca_Desi_Chrom_7_7796875	Ca_desi_chr07	7796875	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_7796939	Ca_desi_chr07	7796939	[A/C]	NA
Ca_Desi_Chrom_7_7796940	Ca_desi_chr07	7796940	[G/A]	NA
Ca_Desi_Chrom_7_7810668	Ca_desi_chr07	7810668	[C/T]	NA
Ca_Desi_Chrom_7_7829116	Ca_desi_chr07	7829116	[G/T]	NA
Ca_Desi_Chrom_7_7869801	Ca_desi_chr07	7869801	[A/C]	NA
Ca_Desi_Chrom_7_7895111	Ca_desi_chr07	7895111	[T/G]	NA
Ca_Desi_Chrom_7_7895150	Ca_desi_chr07	7895150	[A/C]	NA
Ca_Desi_Chrom_7_7895159	Ca_desi_chr07	7895159	[A/G]	NA
Ca_Desi_Chrom_7_7895792	Ca_desi_chr07	7895792	[T/C]	NA
Ca_Desi_Chrom_7_7895806	Ca_desi_chr07	7895806	[G/A]	NA
Ca_Desi_Chrom_7_7895821	Ca_desi_chr07	7895821	[T/C]	NA
Ca_Desi_Chrom_7_7895840	Ca_desi_chr07	7895840	[A/G]	NA
Ca_Desi_Chrom_7_7895865	Ca_desi_chr07	7895865	[A/G]	NA
Ca_Desi_Chrom_7_7895868	Ca_desi_chr07	7895868	[T/C]	NA
Ca_Desi_Chrom_7_7913009	Ca_desi_chr07	7913009	[C/T]	NA
Ca_Desi_Chrom_7_7945493	Ca_desi_chr07	7945493	[T/G]	NA
Ca_Desi_Chrom_7_7945586	Ca_desi_chr07	7945586	[A/T]	NA
Ca_Desi_Chrom_7_7947269	Ca_desi_chr07	7947269	[A/G]	NA
Ca_Desi_Chrom_7_7947274	Ca_desi_chr07	7947274	[T/A]	NA
Ca_Desi_Chrom_7_7947292	Ca_desi_chr07	7947292	[A/C]	NA
Ca_Desi_Chrom_7_7947303	Ca_desi_chr07	7947303	[T/C]	NA
Ca_Desi_Chrom_7_7980565	Ca_desi_chr07	7980565	[T/G]	NA
Ca_Desi_Chrom_7_8015487	Ca_desi_chr07	8015487	[G/C]	NA
Ca_Desi_Chrom_7_8016944	Ca_desi_chr07	8016944	[G/A]	NA
Ca_Desi_Chrom_7_8021380	Ca_desi_chr07	8021380	[C/T]	NA
Ca_Desi_Chrom_7_8021391	Ca_desi_chr07	8021391	[A/T]	NA
Ca_Desi_Chrom_7_8097527	Ca_desi_chr07	8097527	[A/C]	NA
Ca_Desi_Chrom_7_8113292	Ca_desi_chr07	8113292	[T/G]	NA
Ca_Desi_Chrom_7_8180284	Ca_desi_chr07	8180284	[T/A]	NA
Ca_Desi_Chrom_7_8180333	Ca_desi_chr07	8180333	[A/C]	NA
Ca_Desi_Chrom_7_8181793	Ca_desi_chr07	8181793	[T/G]	NA
Ca_Desi_Chrom_7_8181801	Ca_desi_chr07	8181801	[T/G]	NA
Ca_Desi_Chrom_7_8181821	Ca_desi_chr07	8181821	[T/C]	NA
Ca_Desi_Chrom_7_8187265	Ca_desi_chr07	8187265	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_8206435	Ca_desi_chr07	8206435	[T/C]	NA
Ca_Desi_Chrom_7_8206437	Ca_desi_chr07	8206437	[A/G]	NA
Ca_Desi_Chrom_7_8206439	Ca_desi_chr07	8206439	[A/G]	NA
Ca_Desi_Chrom_7_8206440	Ca_desi_chr07	8206440	[T/C]	NA
Ca_Desi_Chrom_7_8206467	Ca_desi_chr07	8206467	[A/G]	NA
Ca_Desi_Chrom_7_8206468	Ca_desi_chr07	8206468	[T/C]	NA
Ca_Desi_Chrom_7_8206470	Ca_desi_chr07	8206470	[T/C]	NA
Ca_Desi_Chrom_7_8206471	Ca_desi_chr07	8206471	[C/A]	NA
Ca_Desi_Chrom_7_8206472	Ca_desi_chr07	8206472	[T/C]	NA
Ca_Desi_Chrom_7_8209362	Ca_desi_chr07	8209362	[T/A]	NA
Ca_Desi_Chrom_7_8209367	Ca_desi_chr07	8209367	[T/C]	NA
Ca_Desi_Chrom_7_8209406	Ca_desi_chr07	8209406	[T/G]	NA
Ca_Desi_Chrom_7_8209410	Ca_desi_chr07	8209410	[T/G]	NA
Ca_Desi_Chrom_7_8209428	Ca_desi_chr07	8209428	[A/G]	NA
Ca_Desi_Chrom_7_8209430	Ca_desi_chr07	8209430	[T/G]	NA
Ca_Desi_Chrom_7_8209434	Ca_desi_chr07	8209434	[T/G]	NA
Ca_Desi_Chrom_7_8209456	Ca_desi_chr07	8209456	[A/C]	NA
Ca_Desi_Chrom_7_8210859	Ca_desi_chr07	8210859	[A/C]	NA
Ca_Desi_Chrom_7_8343153	Ca_desi_chr07	8343153	[T/G]	NA
Ca_Desi_Chrom_7_8343174	Ca_desi_chr07	8343174	[A/C]	NA
Ca_Desi_Chrom_7_8369401	Ca_desi_chr07	8369401	[T/C]	NA
Ca_Desi_Chrom_7_8369407	Ca_desi_chr07	8369407	[A/C]	NA
Ca_Desi_Chrom_7_8369433	Ca_desi_chr07	8369433	[T/C]	NA
Ca_Desi_Chrom_7_8369436	Ca_desi_chr07	8369436	[T/G]	NA
Ca_Desi_Chrom_7_8369448	Ca_desi_chr07	8369448	[C/A]	NA
Ca_Desi_Chrom_7_8369552	Ca_desi_chr07	8369552	[T/A]	NA
Ca_Desi_Chrom_7_8369564	Ca_desi_chr07	8369564	[A/G]	NA
Ca_Desi_Chrom_7_8387214	Ca_desi_chr07	8387214	[A/G]	NA
Ca_Desi_Chrom_7_8387450	Ca_desi_chr07	8387450	[T/C]	NA
Ca_Desi_Chrom_7_8387455	Ca_desi_chr07	8387455	[A/G]	NA
Ca_Desi_Chrom_7_8387457	Ca_desi_chr07	8387457	[T/C]	NA
Ca_Desi_Chrom_7_8387460	Ca_desi_chr07	8387460	[T/G]	NA
Ca_Desi_Chrom_7_8387462	Ca_desi_chr07	8387462	[A/G]	NA
Ca_Desi_Chrom_7_8387485	Ca_desi_chr07	8387485	[T/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_7_8409779	Ca_desi_chr07	8409779	[A/C]	NA
Ca_Desi_Chrom_7_8413417	Ca_desi_chr07	8413417	[T/C]	NA
Ca_Desi_Chrom_7_8429520	Ca_desi_chr07	8429520	[T/G]	NA
Ca_Desi_Chrom_7_8441794	Ca_desi_chr07	8441794	[T/G]	NA
Ca_Desi_Chrom_7_8441798	Ca_desi_chr07	8441798	[T/G]	NA
Ca_Desi_Chrom_7_8441806	Ca_desi_chr07	8441806	[A/C]	NA
Ca_Desi_Chrom_7_8452768	Ca_desi_chr07	8452768	[A/C]	NA
Ca_Desi_Chrom_7_8452792	Ca_desi_chr07	8452792	[T/C]	NA
Ca_Desi_Chrom_7_8452795	Ca_desi_chr07	8452795	[C/T]	NA
Ca_Desi_Chrom_7_8452801	Ca_desi_chr07	8452801	[T/C]	NA
Ca_Desi_Chrom_7_8452805	Ca_desi_chr07	8452805	[T/C]	NA
Ca_Desi_Chrom_7_8452815	Ca_desi_chr07	8452815	[T/C]	NA
Ca_Desi_Chrom_7_8452819	Ca_desi_chr07	8452819	[T/C]	NA
Ca_Desi_Chrom_7_8452822	Ca_desi_chr07	8452822	[T/C]	NA
Ca_Desi_Chrom_7_8454777	Ca_desi_chr07	8454777	[T/C]	NA
Ca_Desi_Chrom_7_8454791	Ca_desi_chr07	8454791	[A/G]	NA
Ca_Desi_Chrom_7_8454808	Ca_desi_chr07	8454808	[T/C]	NA
Ca_Desi_Chrom_7_8454812	Ca_desi_chr07	8454812	[T/C]	NA
Ca_Desi_Chrom_7_8454819	Ca_desi_chr07	8454819	[T/C]	NA
Ca_Desi_Chrom_8_32673	Ca_desi_chr08	32673	[T/G]	NA
Ca_Desi_Chrom_8_65238	Ca_desi_chr08	65238	[T/C]	NA
Ca_Desi_Chrom_8_65261	Ca_desi_chr08	65261	[T/G]	NA
Ca_Desi_Chrom_8_90332	Ca_desi_chr08	90332	[G/A]	NA
Ca_Desi_Chrom_8_90334	Ca_desi_chr08	90334	[T/A]	NA
Ca_Desi_Chrom_8_115690	Ca_desi_chr08	115690	[A/C]	NA
Ca_Desi_Chrom_8_122422	Ca_desi_chr08	122422	[T/G]	NA
Ca_Desi_Chrom_8_134344	Ca_desi_chr08	134344	[T/C]	NA
Ca_Desi_Chrom_8_134410	Ca_desi_chr08	134410	[A/C]	NA
Ca_Desi_Chrom_8_145480	Ca_desi_chr08	145480	[T/C]	NA
Ca_Desi_Chrom_8_157344	Ca_desi_chr08	157344	[A/C]	NA
Ca_Desi_Chrom_8_201411	Ca_desi_chr08	201411	[C/A]	NA
Ca_Desi_Chrom_8_201422	Ca_desi_chr08	201422	[C/T]	NA
Ca_Desi_Chrom_8_202026	Ca_desi_chr08	202026	[G/C]	NA
Ca_Desi_Chrom_8_202036	Ca_desi_chr08	202036	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_210526	Ca_desi_chr08	210526	[C/A]	NA
Ca_Desi_Chrom_8_210623	Ca_desi_chr08	210623	[A/C]	NA
Ca_Desi_Chrom_8_252816	Ca_desi_chr08	252816	[A/T]	NA
Ca_Desi_Chrom_8_277065	Ca_desi_chr08	277065	[T/C]	NA
Ca_Desi_Chrom_8_298428	Ca_desi_chr08	298428	[A/G]	NA
Ca_Desi_Chrom_8_298454	Ca_desi_chr08	298454	[T/A]	NA
Ca_Desi_Chrom_8_332253	Ca_desi_chr08	332253	[A/T]	NA
Ca_Desi_Chrom_8_344209	Ca_desi_chr08	344209	[T/G]	NA
Ca_Desi_Chrom_8_344217	Ca_desi_chr08	344217	[C/T]	NA
Ca_Desi_Chrom_8_344219	Ca_desi_chr08	344219	[C/T]	NA
Ca_Desi_Chrom_8_344221	Ca_desi_chr08	344221	[C/T]	NA
Ca_Desi_Chrom_8_344229	Ca_desi_chr08	344229	[C/A]	NA
Ca_Desi_Chrom_8_344231	Ca_desi_chr08	344231	[A/C]	NA
Ca_Desi_Chrom_8_344237	Ca_desi_chr08	344237	[G/A]	NA
Ca_Desi_Chrom_8_344981	Ca_desi_chr08	344981	[T/A]	NA
Ca_Desi_Chrom_8_355973	Ca_desi_chr08	355973	[A/T]	NA
Ca_Desi_Chrom_8_355984	Ca_desi_chr08	355984	[A/G]	NA
Ca_Desi_Chrom_8_355989	Ca_desi_chr08	355989	[A/C]	NA
Ca_Desi_Chrom_8_356004	Ca_desi_chr08	356004	[T/C]	NA
Ca_Desi_Chrom_8_357356	Ca_desi_chr08	357356	[T/G]	NA
Ca_Desi_Chrom_8_357383	Ca_desi_chr08	357383	[T/G]	NA
Ca_Desi_Chrom_8_357386	Ca_desi_chr08	357386	[T/G]	NA
Ca_Desi_Chrom_8_357399	Ca_desi_chr08	357399	[T/G]	NA
Ca_Desi_Chrom_8_371628	Ca_desi_chr08	371628	[A/T]	NA
Ca_Desi_Chrom_8_379518	Ca_desi_chr08	379518	[T/C]	NA
Ca_Desi_Chrom_8_379528	Ca_desi_chr08	379528	[T/C]	NA
Ca_Desi_Chrom_8_380499	Ca_desi_chr08	380499	[T/G]	NA
Ca_Desi_Chrom_8_393113	Ca_desi_chr08	393113	[T/A]	NA
Ca_Desi_Chrom_8_393118	Ca_desi_chr08	393118	[T/A]	NA
Ca_Desi_Chrom_8_393178	Ca_desi_chr08	393178	[A/T]	NA
Ca_Desi_Chrom_8_393196	Ca_desi_chr08	393196	[T/G]	NA
Ca_Desi_Chrom_8_393218	Ca_desi_chr08	393218	[A/G]	NA
Ca_Desi_Chrom_8_393236	Ca_desi_chr08	393236	[T/C]	NA
Ca_Desi_Chrom_8_397447	Ca_desi_chr08	397447	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_421949	Ca_desi_chr08	421949	[T/G]	NA
Ca_Desi_Chrom_8_422053	Ca_desi_chr08	422053	[A/G]	NA
Ca_Desi_Chrom_8_422120	Ca_desi_chr08	422120	[T/G]	NA
Ca_Desi_Chrom_8_422131	Ca_desi_chr08	422131	[T/G]	NA
Ca_Desi_Chrom_8_422154	Ca_desi_chr08	422154	[A/G]	NA
Ca_Desi_Chrom_8_427208	Ca_desi_chr08	427208	[A/G]	NA
Ca_Desi_Chrom_8_427213	Ca_desi_chr08	427213	[G/T]	NA
Ca_Desi_Chrom_8_427216	Ca_desi_chr08	427216	[G/T]	NA
Ca_Desi_Chrom_8_427219	Ca_desi_chr08	427219	[A/G]	NA
Ca_Desi_Chrom_8_427220	Ca_desi_chr08	427220	[T/C]	NA
Ca_Desi_Chrom_8_427223	Ca_desi_chr08	427223	[C/T]	NA
Ca_Desi_Chrom_8_427224	Ca_desi_chr08	427224	[T/C]	NA
Ca_Desi_Chrom_8_427225	Ca_desi_chr08	427225	[G/T]	NA
Ca_Desi_Chrom_8_427230	Ca_desi_chr08	427230	[A/G]	NA
Ca_Desi_Chrom_8_427231	Ca_desi_chr08	427231	[C/A]	NA
Ca_Desi_Chrom_8_427233	Ca_desi_chr08	427233	[A/C]	NA
Ca_Desi_Chrom_8_427238	Ca_desi_chr08	427238	[A/G]	NA
Ca_Desi_Chrom_8_427241	Ca_desi_chr08	427241	[A/G]	NA
Ca_Desi_Chrom_8_427250	Ca_desi_chr08	427250	[C/G]	NA
Ca_Desi_Chrom_8_427257	Ca_desi_chr08	427257	[A/G]	NA
Ca_Desi_Chrom_8_427271	Ca_desi_chr08	427271	[A/G]	NA
Ca_Desi_Chrom_8_517136	Ca_desi_chr08	517136	[T/C]	NA
Ca_Desi_Chrom_8_525562	Ca_desi_chr08	525562	[T/C]	NA
Ca_Desi_Chrom_8_525585	Ca_desi_chr08	525585	[T/C]	NA
Ca_Desi_Chrom_8_525623	Ca_desi_chr08	525623	[A/C]	NA
Ca_Desi_Chrom_8_527253	Ca_desi_chr08	527253	[T/G]	NA
Ca_Desi_Chrom_8_527260	Ca_desi_chr08	527260	[T/C]	NA
Ca_Desi_Chrom_8_527283	Ca_desi_chr08	527283	[T/C]	NA
Ca_Desi_Chrom_8_538485	Ca_desi_chr08	538485	[T/C]	NA
Ca_Desi_Chrom_8_538946	Ca_desi_chr08	538946	[T/G]	NA
Ca_Desi_Chrom_8_538976	Ca_desi_chr08	538976	[T/G]	NA
Ca_Desi_Chrom_8_538979	Ca_desi_chr08	538979	[T/G]	NA
Ca_Desi_Chrom_8_553709	Ca_desi_chr08	553709	[A/C]	NA
Ca_Desi_Chrom_8_553712	Ca_desi_chr08	553712	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_553714	Ca_desi_chr08	553714	[T/C]	NA
Ca_Desi_Chrom_8_553721	Ca_desi_chr08	553721	[A/C]	NA
Ca_Desi_Chrom_8_553742	Ca_desi_chr08	553742	[T/G]	NA
Ca_Desi_Chrom_8_553752	Ca_desi_chr08	553752	[T/A]	NA
Ca_Desi_Chrom_8_556309	Ca_desi_chr08	556309	[A/G]	NA
Ca_Desi_Chrom_8_556313	Ca_desi_chr08	556313	[C/T]	NA
Ca_Desi_Chrom_8_556314	Ca_desi_chr08	556314	[A/G]	NA
Ca_Desi_Chrom_8_556326	Ca_desi_chr08	556326	[A/G]	NA
Ca_Desi_Chrom_8_556330	Ca_desi_chr08	556330	[A/G]	NA
Ca_Desi_Chrom_8_556338	Ca_desi_chr08	556338	[T/C]	NA
Ca_Desi_Chrom_8_562208	Ca_desi_chr08	562208	[A/G]	NA
Ca_Desi_Chrom_8_562209	Ca_desi_chr08	562209	[G/A]	NA
Ca_Desi_Chrom_8_574607	Ca_desi_chr08	574607	[T/A]	NA
Ca_Desi_Chrom_8_574899	Ca_desi_chr08	574899	[A/T]	NA
Ca_Desi_Chrom_8_588730	Ca_desi_chr08	588730	[T/C]	NA
Ca_Desi_Chrom_8_588738	Ca_desi_chr08	588738	[A/G]	NA
Ca_Desi_Chrom_8_588746	Ca_desi_chr08	588746	[A/G]	NA
Ca_Desi_Chrom_8_588748	Ca_desi_chr08	588748	[A/G]	NA
Ca_Desi_Chrom_8_589887	Ca_desi_chr08	589887	[A/C]	NA
Ca_Desi_Chrom_8_595440	Ca_desi_chr08	595440	[A/C]	NA
Ca_Desi_Chrom_8_598381	Ca_desi_chr08	598381	[A/C]	NA
Ca_Desi_Chrom_8_678765	Ca_desi_chr08	678765	[T/G]	NA
Ca_Desi_Chrom_8_684980	Ca_desi_chr08	684980	[A/T]	NA
Ca_Desi_Chrom_8_705748	Ca_desi_chr08	705748	[T/C]	NA
Ca_Desi_Chrom_8_758815	Ca_desi_chr08	758815	[G/A]	NA
Ca_Desi_Chrom_8_758826	Ca_desi_chr08	758826	[T/G]	NA
Ca_Desi_Chrom_8_760810	Ca_desi_chr08	760810	[A/G]	NA
Ca_Desi_Chrom_8_764969	Ca_desi_chr08	764969	[A/G]	NA
Ca_Desi_Chrom_8_764978	Ca_desi_chr08	764978	[T/C]	NA
Ca_Desi_Chrom_8_827352	Ca_desi_chr08	827352	[T/C]	NA
Ca_Desi_Chrom_8_827358	Ca_desi_chr08	827358	[T/C]	NA
Ca_Desi_Chrom_8_827371	Ca_desi_chr08	827371	[T/G]	NA
Ca_Desi_Chrom_8_827389	Ca_desi_chr08	827389	[T/C]	NA
Ca_Desi_Chrom_8_827393	Ca_desi_chr08	827393	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_839314	Ca_desi_chr08	839314	[A/G]	NA
Ca_Desi_Chrom_8_839333	Ca_desi_chr08	839333	[A/G]	NA
Ca_Desi_Chrom_8_863059	Ca_desi_chr08	863059	[T/G]	NA
Ca_Desi_Chrom_8_863067	Ca_desi_chr08	863067	[T/G]	NA
Ca_Desi_Chrom_8_868438	Ca_desi_chr08	868438	[A/G]	NA
Ca_Desi_Chrom_8_894731	Ca_desi_chr08	894731	[A/G]	NA
Ca_Desi_Chrom_8_935366	Ca_desi_chr08	935366	[T/G]	NA
Ca_Desi_Chrom_8_935383	Ca_desi_chr08	935383	[A/C]	NA
Ca_Desi_Chrom_8_935388	Ca_desi_chr08	935388	[T/C]	NA
Ca_Desi_Chrom_8_984898	Ca_desi_chr08	984898	[A/C]	NA
Ca_Desi_Chrom_8_984926	Ca_desi_chr08	984926	[T/A]	NA
Ca_Desi_Chrom_8_1017345	Ca_desi_chr08	1017345	[A/T]	NA
Ca_Desi_Chrom_8_1041386	Ca_desi_chr08	1041386	[G/C]	NA
Ca_Desi_Chrom_8_1056729	Ca_desi_chr08	1056729	[A/G]	NA
Ca_Desi_Chrom_8_1056734	Ca_desi_chr08	1056734	[A/C]	NA
Ca_Desi_Chrom_8_1056737	Ca_desi_chr08	1056737	[T/C]	NA
Ca_Desi_Chrom_8_1056750	Ca_desi_chr08	1056750	[T/C]	NA
Ca_Desi_Chrom_8_1073619	Ca_desi_chr08	1073619	[A/G]	NA
Ca_Desi_Chrom_8_1073628	Ca_desi_chr08	1073628	[A/G]	NA
Ca_Desi_Chrom_8_1073644	Ca_desi_chr08	1073644	[T/C]	NA
Ca_Desi_Chrom_8_1073652	Ca_desi_chr08	1073652	[T/A]	NA
Ca_Desi_Chrom_8_1073655	Ca_desi_chr08	1073655	[T/G]	NA
Ca_Desi_Chrom_8_1073669	Ca_desi_chr08	1073669	[A/T]	NA
Ca_Desi_Chrom_8_1073679	Ca_desi_chr08	1073679	[T/C]	NA
Ca_Desi_Chrom_8_1352236	Ca_desi_chr08	1352236	[A/C]	NA
Ca_Desi_Chrom_8_1352393	Ca_desi_chr08	1352393	[A/C]	NA
Ca_Desi_Chrom_8_1365491	Ca_desi_chr08	1365491	[A/C]	NA
Ca_Desi_Chrom_8_1365492	Ca_desi_chr08	1365492	[G/T]	NA
Ca_Desi_Chrom_8_1365835	Ca_desi_chr08	1365835	[T/G]	NA
Ca_Desi_Chrom_8_1386349	Ca_desi_chr08	1386349	[G/T]	NA
Ca_Desi_Chrom_8_1386350	Ca_desi_chr08	1386350	[G/A]	NA
Ca_Desi_Chrom_8_1386352	Ca_desi_chr08	1386352	[A/C]	NA
Ca_Desi_Chrom_8_1386356	Ca_desi_chr08	1386356	[C/A]	NA
Ca_Desi_Chrom_8_1386469	Ca_desi_chr08	1386469	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_1388732	Ca_desi_chr08	1388732	[C/T]	NA
Ca_Desi_Chrom_8_1388750	Ca_desi_chr08	1388750	[G/A]	NA
Ca_Desi_Chrom_8_1399524	Ca_desi_chr08	1399524	[T/G]	NA
Ca_Desi_Chrom_8_1399529	Ca_desi_chr08	1399529	[T/G]	NA
Ca_Desi_Chrom_8_1399543	Ca_desi_chr08	1399543	[T/G]	NA
Ca_Desi_Chrom_8_1399548	Ca_desi_chr08	1399548	[T/G]	NA
Ca_Desi_Chrom_8_1399551	Ca_desi_chr08	1399551	[T/G]	NA
Ca_Desi_Chrom_8_1399581	Ca_desi_chr08	1399581	[G/A]	NA
Ca_Desi_Chrom_8_1399582	Ca_desi_chr08	1399582	[A/G]	NA
Ca_Desi_Chrom_8_1399583	Ca_desi_chr08	1399583	[G/T]	NA
Ca_Desi_Chrom_8_1413520	Ca_desi_chr08	1413520	[T/C]	NA
Ca_Desi_Chrom_8_1413540	Ca_desi_chr08	1413540	[T/C]	NA
Ca_Desi_Chrom_8_1413559	Ca_desi_chr08	1413559	[T/C]	NA
Ca_Desi_Chrom_8_1428523	Ca_desi_chr08	1428523	[T/A]	NA
Ca_Desi_Chrom_8_1430284	Ca_desi_chr08	1430284	[T/G]	NA
Ca_Desi_Chrom_8_1430285	Ca_desi_chr08	1430285	[T/A]	NA
Ca_Desi_Chrom_8_1430287	Ca_desi_chr08	1430287	[T/C]	NA
Ca_Desi_Chrom_8_1430288	Ca_desi_chr08	1430288	[G/T]	NA
Ca_Desi_Chrom_8_1431844	Ca_desi_chr08	1431844	[T/C]	NA
Ca_Desi_Chrom_8_1431889	Ca_desi_chr08	1431889	[T/G]	NA
Ca_Desi_Chrom_8_1431896	Ca_desi_chr08	1431896	[A/G]	NA
Ca_Desi_Chrom_8_1431906	Ca_desi_chr08	1431906	[A/C]	NA
Ca_Desi_Chrom_8_1443357	Ca_desi_chr08	1443357	[A/C]	NA
Ca_Desi_Chrom_8_1474785	Ca_desi_chr08	1474785	[A/C]	NA
Ca_Desi_Chrom_8_1474791	Ca_desi_chr08	1474791	[A/C]	NA
Ca_Desi_Chrom_8_1474794	Ca_desi_chr08	1474794	[A/C]	NA
Ca_Desi_Chrom_8_1474816	Ca_desi_chr08	1474816	[A/C]	NA
Ca_Desi_Chrom_8_1474819	Ca_desi_chr08	1474819	[A/C]	NA
Ca_Desi_Chrom_8_1516022	Ca_desi_chr08	1516022	[T/G]	NA
Ca_Desi_Chrom_8_1516028	Ca_desi_chr08	1516028	[T/C]	NA
Ca_Desi_Chrom_8_1516062	Ca_desi_chr08	1516062	[A/C]	NA
Ca_Desi_Chrom_8_1526250	Ca_desi_chr08	1526250	[T/C]	NA
Ca_Desi_Chrom_8_1526256	Ca_desi_chr08	1526256	[A/T]	NA
Ca_Desi_Chrom_8_1526805	Ca_desi_chr08	1526805	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_1557071	Ca_desi_chr08	1557071	[A/G]	NA
Ca_Desi_Chrom_8_1557075	Ca_desi_chr08	1557075	[A/G]	NA
Ca_Desi_Chrom_8_1557085	Ca_desi_chr08	1557085	[T/G]	NA
Ca_Desi_Chrom_8_1557092	Ca_desi_chr08	1557092	[T/G]	NA
Ca_Desi_Chrom_8_1557099	Ca_desi_chr08	1557099	[A/G]	NA
Ca_Desi_Chrom_8_1561842	Ca_desi_chr08	1561842	[A/G]	NA
Ca_Desi_Chrom_8_1561855	Ca_desi_chr08	1561855	[A/C]	NA
Ca_Desi_Chrom_8_1575192	Ca_desi_chr08	1575192	[A/G]	NA
Ca_Desi_Chrom_8_3412263	Ca_desi_chr08	3412263	[A/G]	NA
Ca_Desi_Chrom_8_3482952	Ca_desi_chr08	3482952	[T/G]	NA
Ca_Desi_Chrom_8_3482955	Ca_desi_chr08	3482955	[A/G]	NA
Ca_Desi_Chrom_8_3495217	Ca_desi_chr08	3495217	[T/C]	NA
Ca_Desi_Chrom_8_3497507	Ca_desi_chr08	3497507	[A/C]	NA
Ca_Desi_Chrom_8_3498620	Ca_desi_chr08	3498620	[A/T]	NA
Ca_Desi_Chrom_8_3499933	Ca_desi_chr08	3499933	[T/G]	NA
Ca_Desi_Chrom_8_3499952	Ca_desi_chr08	3499952	[T/G]	NA
Ca_Desi_Chrom_8_3499956	Ca_desi_chr08	3499956	[T/G]	NA
Ca_Desi_Chrom_8_3500433	Ca_desi_chr08	3500433	[G/T]	NA
Ca_Desi_Chrom_8_3500526	Ca_desi_chr08	3500526	[T/C]	NA
Ca_Desi_Chrom_8_3500530	Ca_desi_chr08	3500530	[T/G]	NA
Ca_Desi_Chrom_8_3500538	Ca_desi_chr08	3500538	[A/G]	NA
Ca_Desi_Chrom_8_3607588	Ca_desi_chr08	3607588	[A/C]	NA
Ca_Desi_Chrom_8_3649424	Ca_desi_chr08	3649424	[T/C]	NA
Ca_Desi_Chrom_8_3649440	Ca_desi_chr08	3649440	[T/G]	NA
Ca_Desi_Chrom_8_3657904	Ca_desi_chr08	3657904	[A/C]	NA
Ca_Desi_Chrom_8_3659314	Ca_desi_chr08	3659314	[T/G]	NA
Ca_Desi_Chrom_8_3659459	Ca_desi_chr08	3659459	[G/A]	NA
Ca_Desi_Chrom_8_3660064	Ca_desi_chr08	3660064	[T/C]	NA
Ca_Desi_Chrom_8_3677264	Ca_desi_chr08	3677264	[T/C]	NA
Ca_Desi_Chrom_8_3677281	Ca_desi_chr08	3677281	[T/A]	NA
Ca_Desi_Chrom_8_3692660	Ca_desi_chr08	3692660	[T/C]	NA
Ca_Desi_Chrom_8_3692696	Ca_desi_chr08	3692696	[A/T]	NA
Ca_Desi_Chrom_8_3692701	Ca_desi_chr08	3692701	[T/C]	NA
Ca_Desi_Chrom_8_3692827	Ca_desi_chr08	3692827	[G/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_3697226	Ca_desi_chr08	3697226	[T/C]	NA
Ca_Desi_Chrom_8_3719263	Ca_desi_chr08	3719263	[A/G]	NA
Ca_Desi_Chrom_8_3738606	Ca_desi_chr08	3738606	[T/A]	NA
Ca_Desi_Chrom_8_3741971	Ca_desi_chr08	3741971	[C/T]	NA
Ca_Desi_Chrom_8_3741978	Ca_desi_chr08	3741978	[T/G]	NA
Ca_Desi_Chrom_8_3742132	Ca_desi_chr08	3742132	[A/C]	NA
Ca_Desi_Chrom_8_3747504	Ca_desi_chr08	3747504	[A/C]	NA
Ca_Desi_Chrom_8_3747520	Ca_desi_chr08	3747520	[T/C]	NA
Ca_Desi_Chrom_8_3747523	Ca_desi_chr08	3747523	[T/C]	NA
Ca_Desi_Chrom_8_3747528	Ca_desi_chr08	3747528	[T/C]	NA
Ca_Desi_Chrom_8_3747533	Ca_desi_chr08	3747533	[A/T]	NA
Ca_Desi_Chrom_8_3804398	Ca_desi_chr08	3804398	[G/T]	NA
Ca_Desi_Chrom_8_3804399	Ca_desi_chr08	3804399	[T/C]	NA
Ca_Desi_Chrom_8_3804401	Ca_desi_chr08	3804401	[G/C]	NA
Ca_Desi_Chrom_8_3804424	Ca_desi_chr08	3804424	[A/C]	NA
Ca_Desi_Chrom_8_3804436	Ca_desi_chr08	3804436	[C/T]	NA
Ca_Desi_Chrom_8_3804439	Ca_desi_chr08	3804439	[A/G]	NA
Ca_Desi_Chrom_8_3810941	Ca_desi_chr08	3810941	[T/C]	NA
Ca_Desi_Chrom_8_3810985	Ca_desi_chr08	3810985	[G/A]	NA
Ca_Desi_Chrom_8_3877064	Ca_desi_chr08	3877064	[A/G]	NA
Ca_Desi_Chrom_8_3889433	Ca_desi_chr08	3889433	[A/G]	NA
Ca_Desi_Chrom_8_3936097	Ca_desi_chr08	3936097	[T/C]	NA
Ca_Desi_Chrom_8_3946044	Ca_desi_chr08	3946044	[A/C]	NA
Ca_Desi_Chrom_8_3959925	Ca_desi_chr08	3959925	[C/T]	NA
Ca_Desi_Chrom_8_3959929	Ca_desi_chr08	3959929	[C/T]	NA
Ca_Desi_Chrom_8_3959944	Ca_desi_chr08	3959944	[G/T]	NA
Ca_Desi_Chrom_8_3960569	Ca_desi_chr08	3960569	[G/T]	NA
Ca_Desi_Chrom_8_3960571	Ca_desi_chr08	3960571	[A/G]	NA
Ca_Desi_Chrom_8_3960575	Ca_desi_chr08	3960575	[T/G]	NA
Ca_Desi_Chrom_8_3972122	Ca_desi_chr08	3972122	[T/A]	NA
Ca_Desi_Chrom_8_3972123	Ca_desi_chr08	3972123	[A/G]	NA
Ca_Desi_Chrom_8_3972130	Ca_desi_chr08	3972130	[A/G]	NA
Ca_Desi_Chrom_8_3972845	Ca_desi_chr08	3972845	[A/G]	NA
Ca_Desi_Chrom_8_3986472	Ca_desi_chr08	3986472	[G/T]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_8_4010181	Ca_desig_chr08	4010181	[A/G]	NA
Ca_Desig_Chr_8_4010224	Ca_desig_chr08	4010224	[T/G]	NA
Ca_Desig_Chr_8_4028253	Ca_desig_chr08	4028253	[A/G]	NA
Ca_Desig_Chr_8_4060876	Ca_desig_chr08	4060876	[T/G]	NA
Ca_Desig_Chr_8_4066100	Ca_desig_chr08	4066100	[A/G]	NA
Ca_Desig_Chr_8_4069032	Ca_desig_chr08	4069032	[A/C]	NA
Ca_Desig_Chr_8_4069054	Ca_desig_chr08	4069054	[A/G]	NA
Ca_Desig_Chr_8_4115400	Ca_desig_chr08	4115400	[T/C]	NA
Ca_Desig_Chr_8_4126442	Ca_desig_chr08	4126442	[G/T]	NA
Ca_Desig_Chr_8_4126447	Ca_desig_chr08	4126447	[A/C]	NA
Ca_Desig_Chr_8_4180080	Ca_desig_chr08	4180080	[A/C]	NA
Ca_Desig_Chr_8_4180097	Ca_desig_chr08	4180097	[T/C]	NA
Ca_Desig_Chr_8_4185464	Ca_desig_chr08	4185464	[T/C]	NA
Ca_Desig_Chr_8_4187093	Ca_desig_chr08	4187093	[T/A]	NA
Ca_Desig_Chr_8_4187120	Ca_desig_chr08	4187120	[T/A]	NA
Ca_Desig_Chr_8_4208540	Ca_desig_chr08	4208540	[T/G]	NA
Ca_Desig_Chr_8_4299995	Ca_desig_chr08	4299995	[A/G]	NA
Ca_Desig_Chr_8_4300014	Ca_desig_chr08	4300014	[A/C]	NA
Ca_Desig_Chr_8_4300040	Ca_desig_chr08	4300040	[A/C]	NA
Ca_Desig_Chr_8_4302163	Ca_desig_chr08	4302163	[T/G]	NA
Ca_Desig_Chr_8_4310626	Ca_desig_chr08	4310626	[A/C]	NA
Ca_Desig_Chr_8_4341367	Ca_desig_chr08	4341367	[A/C]	NA
Ca_Desig_Chr_8_4341447	Ca_desig_chr08	4341447	[T/G]	NA
Ca_Desig_Chr_8_4341450	Ca_desig_chr08	4341450	[A/G]	NA
Ca_Desig_Chr_8_4341453	Ca_desig_chr08	4341453	[T/G]	NA
Ca_Desig_Chr_8_4341459	Ca_desig_chr08	4341459	[A/G]	NA
Ca_Desig_Chr_8_4341462	Ca_desig_chr08	4341462	[T/G]	NA
Ca_Desig_Chr_8_4385556	Ca_desig_chr08	4385556	[A/G]	NA
Ca_Desig_Chr_8_4385557	Ca_desig_chr08	4385557	[T/C]	NA
Ca_Desig_Chr_8_4385592	Ca_desig_chr08	4385592	[T/C]	NA
Ca_Desig_Chr_8_4385596	Ca_desig_chr08	4385596	[T/C]	NA
Ca_Desig_Chr_8_4448684	Ca_desig_chr08	4448684	[T/G]	NA
Ca_Desig_Chr_8_4448872	Ca_desig_chr08	4448872	[A/G]	NA
Ca_Desig_Chr_8_4448893	Ca_desig_chr08	4448893	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_4448895	Ca_desi_chr08	4448895	[T/C]	NA
Ca_Desi_Chrom_8_4448897	Ca_desi_chr08	4448897	[T/C]	NA
Ca_Desi_Chrom_8_4448917	Ca_desi_chr08	4448917	[T/G]	NA
Ca_Desi_Chrom_8_4448919	Ca_desi_chr08	4448919	[T/C]	NA
Ca_Desi_Chrom_8_4461931	Ca_desi_chr08	4461931	[C/T]	NA
Ca_Desi_Chrom_8_4574066	Ca_desi_chr08	4574066	[A/C]	NA
Ca_Desi_Chrom_8_4597741	Ca_desi_chr08	4597741	[T/G]	NA
Ca_Desi_Chrom_8_4597752	Ca_desi_chr08	4597752	[A/T]	NA
Ca_Desi_Chrom_8_4650466	Ca_desi_chr08	4650466	[A/G]	NA
Ca_Desi_Chrom_8_4650495	Ca_desi_chr08	4650495	[A/G]	NA
Ca_Desi_Chrom_8_4650612	Ca_desi_chr08	4650612	[A/C]	NA
Ca_Desi_Chrom_8_4650623	Ca_desi_chr08	4650623	[T/C]	NA
Ca_Desi_Chrom_8_4651359	Ca_desi_chr08	4651359	[A/C]	NA
Ca_Desi_Chrom_8_4664540	Ca_desi_chr08	4664540	[T/C]	NA
Ca_Desi_Chrom_8_4664543	Ca_desi_chr08	4664543	[T/C]	NA
Ca_Desi_Chrom_8_4670682	Ca_desi_chr08	4670682	[T/C]	NA
Ca_Desi_Chrom_8_4722955	Ca_desi_chr08	4722955	[T/C]	NA
Ca_Desi_Chrom_8_4722969	Ca_desi_chr08	4722969	[T/C]	NA
Ca_Desi_Chrom_8_4722989	Ca_desi_chr08	4722989	[A/G]	NA
Ca_Desi_Chrom_8_4750082	Ca_desi_chr08	4750082	[T/G]	NA
Ca_Desi_Chrom_8_4750168	Ca_desi_chr08	4750168	[G/T]	NA
Ca_Desi_Chrom_8_4750169	Ca_desi_chr08	4750169	[T/G]	NA
Ca_Desi_Chrom_8_4750175	Ca_desi_chr08	4750175	[T/A]	NA
Ca_Desi_Chrom_8_4802091	Ca_desi_chr08	4802091	[T/G]	NA
Ca_Desi_Chrom_8_4802122	Ca_desi_chr08	4802122	[A/C]	NA
Ca_Desi_Chrom_8_4822795	Ca_desi_chr08	4822795	[T/C]	NA
Ca_Desi_Chrom_8_4822822	Ca_desi_chr08	4822822	[A/C]	NA
Ca_Desi_Chrom_8_4822827	Ca_desi_chr08	4822827	[A/G]	NA
Ca_Desi_Chrom_8_4822836	Ca_desi_chr08	4822836	[T/C]	NA
Ca_Desi_Chrom_8_4845385	Ca_desi_chr08	4845385	[T/G]	NA
Ca_Desi_Chrom_8_4845433	Ca_desi_chr08	4845433	[A/C]	NA
Ca_Desi_Chrom_8_4845448	Ca_desi_chr08	4845448	[A/C]	NA
Ca_Desi_Chrom_8_4848496	Ca_desi_chr08	4848496	[A/G]	NA
Ca_Desi_Chrom_8_4848498	Ca_desi_chr08	4848498	[C/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_4848499	Ca_desi_chr08	4848499	[T/G]	NA
Ca_Desi_Chrom_8_4852080	Ca_desi_chr08	4852080	[T/C]	NA
Ca_Desi_Chrom_8_4867801	Ca_desi_chr08	4867801	[T/G]	NA
Ca_Desi_Chrom_8_4867807	Ca_desi_chr08	4867807	[T/G]	NA
Ca_Desi_Chrom_8_4867819	Ca_desi_chr08	4867819	[A/G]	NA
Ca_Desi_Chrom_8_4867830	Ca_desi_chr08	4867830	[A/G]	NA
Ca_Desi_Chrom_8_4867842	Ca_desi_chr08	4867842	[A/G]	NA
Ca_Desi_Chrom_8_4867847	Ca_desi_chr08	4867847	[A/G]	NA
Ca_Desi_Chrom_8_4954441	Ca_desi_chr08	4954441	[A/G]	NA
Ca_Desi_Chrom_8_4954444	Ca_desi_chr08	4954444	[A/C]	NA
Ca_Desi_Chrom_8_4954449	Ca_desi_chr08	4954449	[G/C]	NA
Ca_Desi_Chrom_8_4954451	Ca_desi_chr08	4954451	[C/A]	NA
Ca_Desi_Chrom_8_4954457	Ca_desi_chr08	4954457	[A/G]	NA
Ca_Desi_Chrom_8_4954461	Ca_desi_chr08	4954461	[T/C]	NA
Ca_Desi_Chrom_8_4954474	Ca_desi_chr08	4954474	[T/C]	NA
Ca_Desi_Chrom_8_4954478	Ca_desi_chr08	4954478	[A/G]	NA
Ca_Desi_Chrom_8_4954480	Ca_desi_chr08	4954480	[T/G]	NA
Ca_Desi_Chrom_8_4954484	Ca_desi_chr08	4954484	[T/C]	NA
Ca_Desi_Chrom_8_4954493	Ca_desi_chr08	4954493	[A/C]	NA
Ca_Desi_Chrom_8_4954518	Ca_desi_chr08	4954518	[T/G]	NA
Ca_Desi_Chrom_8_4954521	Ca_desi_chr08	4954521	[T/C]	NA
Ca_Desi_Chrom_8_4971006	Ca_desi_chr08	4971006	[T/G]	NA
Ca_Desi_Chrom_8_4971053	Ca_desi_chr08	4971053	[T/C]	NA
Ca_Desi_Chrom_8_4982805	Ca_desi_chr08	4982805	[C/A]	NA
Ca_Desi_Chrom_8_5040587	Ca_desi_chr08	5040587	[T/G]	NA
Ca_Desi_Chrom_8_5113580	Ca_desi_chr08	5113580	[A/G]	NA
Ca_Desi_Chrom_8_5159223	Ca_desi_chr08	5159223	[T/A]	NA
Ca_Desi_Chrom_8_5159291	Ca_desi_chr08	5159291	[A/C]	NA
Ca_Desi_Chrom_8_5174546	Ca_desi_chr08	5174546	[A/C]	NA
Ca_Desi_Chrom_8_5174548	Ca_desi_chr08	5174548	[T/G]	NA
Ca_Desi_Chrom_8_5174551	Ca_desi_chr08	5174551	[C/G]	NA
Ca_Desi_Chrom_8_5177806	Ca_desi_chr08	5177806	[G/T]	NA
Ca_Desi_Chrom_8_5185902	Ca_desi_chr08	5185902	[A/C]	NA
Ca_Desi_Chrom_8_5186128	Ca_desi_chr08	5186128	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_5205654	Ca_desi_chr08	5205654	[A/G]	NA
Ca_Desi_Chrom_8_5205656	Ca_desi_chr08	5205656	[T/C]	NA
Ca_Desi_Chrom_8_5205673	Ca_desi_chr08	5205673	[A/C]	NA
Ca_Desi_Chrom_8_5232882	Ca_desi_chr08	5232882	[T/G]	NA
Ca_Desi_Chrom_8_5248835	Ca_desi_chr08	5248835	[T/C]	NA
Ca_Desi_Chrom_8_5253411	Ca_desi_chr08	5253411	[T/C]	NA
Ca_Desi_Chrom_8_5253422	Ca_desi_chr08	5253422	[A/C]	NA
Ca_Desi_Chrom_8_5253455	Ca_desi_chr08	5253455	[T/C]	NA
Ca_Desi_Chrom_8_5253507	Ca_desi_chr08	5253507	[T/C]	NA
Ca_Desi_Chrom_8_5253530	Ca_desi_chr08	5253530	[A/C]	NA
Ca_Desi_Chrom_8_5253562	Ca_desi_chr08	5253562	[T/C]	NA
Ca_Desi_Chrom_8_5271323	Ca_desi_chr08	5271323	[C/A]	NA
Ca_Desi_Chrom_8_5294107	Ca_desi_chr08	5294107	[T/C]	NA
Ca_Desi_Chrom_8_5294111	Ca_desi_chr08	5294111	[T/G]	NA
Ca_Desi_Chrom_8_5319656	Ca_desi_chr08	5319656	[T/G]	NA
Ca_Desi_Chrom_8_5319672	Ca_desi_chr08	5319672	[A/G]	NA
Ca_Desi_Chrom_8_5319682	Ca_desi_chr08	5319682	[T/A]	NA
Ca_Desi_Chrom_8_5325886	Ca_desi_chr08	5325886	[G/T]	NA
Ca_Desi_Chrom_8_5390674	Ca_desi_chr08	5390674	[C/A]	NA
Ca_Desi_Chrom_8_5390676	Ca_desi_chr08	5390676	[A/T]	NA
Ca_Desi_Chrom_8_5406458	Ca_desi_chr08	5406458	[A/G]	NA
Ca_Desi_Chrom_8_5407243	Ca_desi_chr08	5407243	[A/G]	NA
Ca_Desi_Chrom_8_5412174	Ca_desi_chr08	5412174	[T/A]	NA
Ca_Desi_Chrom_8_5412183	Ca_desi_chr08	5412183	[A/G]	NA
Ca_Desi_Chrom_8_5412187	Ca_desi_chr08	5412187	[A/G]	NA
Ca_Desi_Chrom_8_5412191	Ca_desi_chr08	5412191	[A/T]	NA
Ca_Desi_Chrom_8_5412194	Ca_desi_chr08	5412194	[T/C]	NA
Ca_Desi_Chrom_8_5412203	Ca_desi_chr08	5412203	[T/C]	NA
Ca_Desi_Chrom_8_5412208	Ca_desi_chr08	5412208	[T/C]	NA
Ca_Desi_Chrom_8_5412214	Ca_desi_chr08	5412214	[T/C]	NA
Ca_Desi_Chrom_8_5412232	Ca_desi_chr08	5412232	[T/C]	NA
Ca_Desi_Chrom_8_5430497	Ca_desi_chr08	5430497	[C/T]	NA
Ca_Desi_Chrom_8_5430519	Ca_desi_chr08	5430519	[T/C]	NA
Ca_Desi_Chrom_8_5430520	Ca_desi_chr08	5430520	[G/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_5431975	Ca_desi_chr08	5431975	[T/G]	NA
Ca_Desi_Chrom_8_5432005	Ca_desi_chr08	5432005	[C/G]	NA
Ca_Desi_Chrom_8_5478976	Ca_desi_chr08	5478976	[A/C]	NA
Ca_Desi_Chrom_8_5478985	Ca_desi_chr08	5478985	[T/C]	NA
Ca_Desi_Chrom_8_5479023	Ca_desi_chr08	5479023	[T/G]	NA
Ca_Desi_Chrom_8_5560962	Ca_desi_chr08	5560962	[A/G]	NA
Ca_Desi_Chrom_8_5577324	Ca_desi_chr08	5577324	[A/C]	NA
Ca_Desi_Chrom_8_5598364	Ca_desi_chr08	5598364	[A/C]	NA
Ca_Desi_Chrom_8_5598366	Ca_desi_chr08	5598366	[T/C]	NA
Ca_Desi_Chrom_8_5598369	Ca_desi_chr08	5598369	[T/C]	NA
Ca_Desi_Chrom_8_5644307	Ca_desi_chr08	5644307	[C/T]	NA
Ca_Desi_Chrom_8_5760999	Ca_desi_chr08	5760999	[A/C]	NA
Ca_Desi_Chrom_8_5761000	Ca_desi_chr08	5761000	[G/T]	NA
Ca_Desi_Chrom_8_5779231	Ca_desi_chr08	5779231	[A/C]	NA
Ca_Desi_Chrom_8_5834461	Ca_desi_chr08	5834461	[G/A]	NA
Ca_Desi_Chrom_8_5857914	Ca_desi_chr08	5857914	[G/A]	NA
Ca_Desi_Chrom_8_5859625	Ca_desi_chr08	5859625	[T/A]	NA
Ca_Desi_Chrom_8_5859659	Ca_desi_chr08	5859659	[G/T]	NA
Ca_Desi_Chrom_8_5859673	Ca_desi_chr08	5859673	[G/A]	NA
Ca_Desi_Chrom_8_5860040	Ca_desi_chr08	5860040	[T/C]	NA
Ca_Desi_Chrom_8_5860057	Ca_desi_chr08	5860057	[A/G]	NA
Ca_Desi_Chrom_8_5860839	Ca_desi_chr08	5860839	[A/T]	NA
Ca_Desi_Chrom_8_5860849	Ca_desi_chr08	5860849	[A/C]	NA
Ca_Desi_Chrom_8_5860864	Ca_desi_chr08	5860864	[T/C]	NA
Ca_Desi_Chrom_8_5861157	Ca_desi_chr08	5861157	[A/C]	NA
Ca_Desi_Chrom_8_5873045	Ca_desi_chr08	5873045	[T/G]	NA
Ca_Desi_Chrom_8_5873056	Ca_desi_chr08	5873056	[T/G]	NA
Ca_Desi_Chrom_8_5893720	Ca_desi_chr08	5893720	[T/C]	NA
Ca_Desi_Chrom_8_5893729	Ca_desi_chr08	5893729	[A/C]	NA
Ca_Desi_Chrom_8_5893731	Ca_desi_chr08	5893731	[T/C]	NA
Ca_Desi_Chrom_8_5893744	Ca_desi_chr08	5893744	[A/C]	NA
Ca_Desi_Chrom_8_5893757	Ca_desi_chr08	5893757	[A/C]	NA
Ca_Desi_Chrom_8_5894433	Ca_desi_chr08	5894433	[T/A]	NA
Ca_Desi_Chrom_8_5896265	Ca_desi_chr08	5896265	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_5898197	Ca_desi_chr08	5898197	[C/T]	NA
Ca_Desi_Chrom_8_5898863	Ca_desi_chr08	5898863	[G/A]	NA
Ca_Desi_Chrom_8_5902520	Ca_desi_chr08	5902520	[T/C]	NA
Ca_Desi_Chrom_8_5927786	Ca_desi_chr08	5927786	[C/T]	NA
Ca_Desi_Chrom_8_5937879	Ca_desi_chr08	5937879	[A/C]	NA
Ca_Desi_Chrom_8_5937896	Ca_desi_chr08	5937896	[T/C]	NA
Ca_Desi_Chrom_8_5937899	Ca_desi_chr08	5937899	[T/C]	NA
Ca_Desi_Chrom_8_5937905	Ca_desi_chr08	5937905	[A/C]	NA
Ca_Desi_Chrom_8_5937930	Ca_desi_chr08	5937930	[T/C]	NA
Ca_Desi_Chrom_8_5937981	Ca_desi_chr08	5937981	[T/G]	NA
Ca_Desi_Chrom_8_5937986	Ca_desi_chr08	5937986	[T/C]	NA
Ca_Desi_Chrom_8_5955310	Ca_desi_chr08	5955310	[T/G]	NA
Ca_Desi_Chrom_8_5955394	Ca_desi_chr08	5955394	[T/G]	NA
Ca_Desi_Chrom_8_5997400	Ca_desi_chr08	5997400	[A/C]	NA
Ca_Desi_Chrom_8_5997410	Ca_desi_chr08	5997410	[T/C]	NA
Ca_Desi_Chrom_8_5997415	Ca_desi_chr08	5997415	[A/C]	NA
Ca_Desi_Chrom_8_5997422	Ca_desi_chr08	5997422	[A/C]	NA
Ca_Desi_Chrom_8_5997427	Ca_desi_chr08	5997427	[T/C]	NA
Ca_Desi_Chrom_8_6011013	Ca_desi_chr08	6011013	[T/A]	NA
Ca_Desi_Chrom_8_6011053	Ca_desi_chr08	6011053	[G/A]	NA
Ca_Desi_Chrom_8_6017379	Ca_desi_chr08	6017379	[T/C]	NA
Ca_Desi_Chrom_8_6018400	Ca_desi_chr08	6018400	[T/A]	NA
Ca_Desi_Chrom_8_6018477	Ca_desi_chr08	6018477	[T/A]	NA
Ca_Desi_Chrom_8_6018492	Ca_desi_chr08	6018492	[A/G]	NA
Ca_Desi_Chrom_8_6019979	Ca_desi_chr08	6019979	[C/T]	NA
Ca_Desi_Chrom_8_6021387	Ca_desi_chr08	6021387	[G/C]	NA
Ca_Desi_Chrom_8_6034557	Ca_desi_chr08	6034557	[G/A]	NA
Ca_Desi_Chrom_8_6042338	Ca_desi_chr08	6042338	[G/A]	NA
Ca_Desi_Chrom_8_6058202	Ca_desi_chr08	6058202	[T/C]	NA
Ca_Desi_Chrom_8_6058211	Ca_desi_chr08	6058211	[A/G]	NA
Ca_Desi_Chrom_8_6058218	Ca_desi_chr08	6058218	[T/G]	NA
Ca_Desi_Chrom_8_6058226	Ca_desi_chr08	6058226	[T/G]	NA
Ca_Desi_Chrom_8_6058228	Ca_desi_chr08	6058228	[A/G]	NA
Ca_Desi_Chrom_8_6058232	Ca_desi_chr08	6058232	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_6058235	Ca_desi_chr08	6058235	[A/G]	NA
Ca_Desi_Chrom_8_6122011	Ca_desi_chr08	6122011	[A/C]	NA
Ca_Desi_Chrom_8_6122025	Ca_desi_chr08	6122025	[T/C]	NA
Ca_Desi_Chrom_8_6122035	Ca_desi_chr08	6122035	[A/G]	NA
Ca_Desi_Chrom_8_6122050	Ca_desi_chr08	6122050	[T/C]	NA
Ca_Desi_Chrom_8_6122079	Ca_desi_chr08	6122079	[C/T]	NA
Ca_Desi_Chrom_8_6122094	Ca_desi_chr08	6122094	[C/G]	NA
Ca_Desi_Chrom_8_6125494	Ca_desi_chr08	6125494	[C/T]	NA
Ca_Desi_Chrom_8_6135840	Ca_desi_chr08	6135840	[A/T]	NA
Ca_Desi_Chrom_8_6138235	Ca_desi_chr08	6138235	[A/G]	NA
Ca_Desi_Chrom_8_6180472	Ca_desi_chr08	6180472	[T/C]	NA
Ca_Desi_Chrom_8_6180476	Ca_desi_chr08	6180476	[A/G]	NA
Ca_Desi_Chrom_8_6180483	Ca_desi_chr08	6180483	[A/G]	NA
Ca_Desi_Chrom_8_6180491	Ca_desi_chr08	6180491	[A/G]	NA
Ca_Desi_Chrom_8_6212269	Ca_desi_chr08	6212269	[A/C]	NA
Ca_Desi_Chrom_8_6212326	Ca_desi_chr08	6212326	[T/G]	NA
Ca_Desi_Chrom_8_6212366	Ca_desi_chr08	6212366	[T/C]	NA
Ca_Desi_Chrom_8_6212369	Ca_desi_chr08	6212369	[A/G]	NA
Ca_Desi_Chrom_8_6218931	Ca_desi_chr08	6218931	[A/G]	NA
Ca_Desi_Chrom_8_6222453	Ca_desi_chr08	6222453	[A/G]	NA
Ca_Desi_Chrom_8_6222489	Ca_desi_chr08	6222489	[T/A]	NA
Ca_Desi_Chrom_8_6222492	Ca_desi_chr08	6222492	[A/G]	NA
Ca_Desi_Chrom_8_6222513	Ca_desi_chr08	6222513	[T/A]	NA
Ca_Desi_Chrom_8_6222609	Ca_desi_chr08	6222609	[A/G]	NA
Ca_Desi_Chrom_8_6222627	Ca_desi_chr08	6222627	[A/G]	NA
Ca_Desi_Chrom_8_6222631	Ca_desi_chr08	6222631	[G/A]	NA
Ca_Desi_Chrom_8_6222792	Ca_desi_chr08	6222792	[A/C]	NA
Ca_Desi_Chrom_8_6224375	Ca_desi_chr08	6224375	[T/C]	NA
Ca_Desi_Chrom_8_6224381	Ca_desi_chr08	6224381	[A/G]	NA
Ca_Desi_Chrom_8_6224383	Ca_desi_chr08	6224383	[C/T]	NA
Ca_Desi_Chrom_8_6224385	Ca_desi_chr08	6224385	[A/G]	NA
Ca_Desi_Chrom_8_6224388	Ca_desi_chr08	6224388	[A/C]	NA
Ca_Desi_Chrom_8_6224399	Ca_desi_chr08	6224399	[T/G]	NA
Ca_Desi_Chrom_8_6224421	Ca_desi_chr08	6224421	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_6224427	Ca_desi_chr08	6224427	[T/C]	NA
Ca_Desi_Chrom_8_6230837	Ca_desi_chr08	6230837	[A/T]	NA
Ca_Desi_Chrom_8_6249690	Ca_desi_chr08	6249690	[A/T]	NA
Ca_Desi_Chrom_8_6250161	Ca_desi_chr08	6250161	[A/C]	NA
Ca_Desi_Chrom_8_6314625	Ca_desi_chr08	6314625	[T/C]	NA
Ca_Desi_Chrom_8_6314668	Ca_desi_chr08	6314668	[A/C]	NA
Ca_Desi_Chrom_8_6336263	Ca_desi_chr08	6336263	[T/A]	NA
Ca_Desi_Chrom_8_6336266	Ca_desi_chr08	6336266	[A/G]	NA
Ca_Desi_Chrom_8_6380728	Ca_desi_chr08	6380728	[T/A]	NA
Ca_Desi_Chrom_8_6380766	Ca_desi_chr08	6380766	[A/T]	NA
Ca_Desi_Chrom_8_6418608	Ca_desi_chr08	6418608	[T/C]	NA
Ca_Desi_Chrom_8_6440035	Ca_desi_chr08	6440035	[A/C]	NA
Ca_Desi_Chrom_8_6440036	Ca_desi_chr08	6440036	[G/T]	NA
Ca_Desi_Chrom_8_6440037	Ca_desi_chr08	6440037	[A/C]	NA
Ca_Desi_Chrom_8_6532020	Ca_desi_chr08	6532020	[T/C]	NA
Ca_Desi_Chrom_8_6532044	Ca_desi_chr08	6532044	[A/G]	NA
Ca_Desi_Chrom_8_6532053	Ca_desi_chr08	6532053	[T/G]	NA
Ca_Desi_Chrom_8_6532134	Ca_desi_chr08	6532134	[T/C]	NA
Ca_Desi_Chrom_8_6564946	Ca_desi_chr08	6564946	[A/C]	NA
Ca_Desi_Chrom_8_6564955	Ca_desi_chr08	6564955	[A/C]	NA
Ca_Desi_Chrom_8_6564957	Ca_desi_chr08	6564957	[T/C]	NA
Ca_Desi_Chrom_8_6630955	Ca_desi_chr08	6630955	[A/C]	NA
Ca_Desi_Chrom_8_6630974	Ca_desi_chr08	6630974	[A/G]	NA
Ca_Desi_Chrom_8_6631068	Ca_desi_chr08	6631068	[T/C]	NA
Ca_Desi_Chrom_8_6666017	Ca_desi_chr08	6666017	[A/C]	NA
Ca_Desi_Chrom_8_6666047	Ca_desi_chr08	6666047	[A/T]	NA
Ca_Desi_Chrom_8_6666637	Ca_desi_chr08	6666637	[C/A]	NA
Ca_Desi_Chrom_8_6693758	Ca_desi_chr08	6693758	[C/A]	NA
Ca_Desi_Chrom_8_6693759	Ca_desi_chr08	6693759	[A/G]	NA
Ca_Desi_Chrom_8_6693766	Ca_desi_chr08	6693766	[A/G]	NA
Ca_Desi_Chrom_8_6693920	Ca_desi_chr08	6693920	[A/T]	NA
Ca_Desi_Chrom_8_6693921	Ca_desi_chr08	6693921	[A/C]	NA
Ca_Desi_Chrom_8_6693922	Ca_desi_chr08	6693922	[G/T]	NA
Ca_Desi_Chrom_8_6694567	Ca_desi_chr08	6694567	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_6890396	Ca_desi_chr08	6890396	[C/T]	NA
Ca_Desi_Chrom_8_6890398	Ca_desi_chr08	6890398	[A/G]	NA
Ca_Desi_Chrom_8_6929295	Ca_desi_chr08	6929295	[C/T]	NA
Ca_Desi_Chrom_8_6929305	Ca_desi_chr08	6929305	[G/T]	NA
Ca_Desi_Chrom_8_6929663	Ca_desi_chr08	6929663	[A/C]	NA
Ca_Desi_Chrom_8_6932494	Ca_desi_chr08	6932494	[A/C]	NA
Ca_Desi_Chrom_8_6932498	Ca_desi_chr08	6932498	[C/T]	NA
Ca_Desi_Chrom_8_6977608	Ca_desi_chr08	6977608	[C/G]	NA
Ca_Desi_Chrom_8_6977632	Ca_desi_chr08	6977632	[G/T]	NA
Ca_Desi_Chrom_8_7005013	Ca_desi_chr08	7005013	[T/C]	NA
Ca_Desi_Chrom_8_7016393	Ca_desi_chr08	7016393	[A/C]	NA
Ca_Desi_Chrom_8_7016408	Ca_desi_chr08	7016408	[A/C]	NA
Ca_Desi_Chrom_8_7016422	Ca_desi_chr08	7016422	[T/G]	NA
Ca_Desi_Chrom_8_7020009	Ca_desi_chr08	7020009	[T/G]	NA
Ca_Desi_Chrom_8_7032885	Ca_desi_chr08	7032885	[T/C]	NA
Ca_Desi_Chrom_8_7060761	Ca_desi_chr08	7060761	[A/C]	NA
Ca_Desi_Chrom_8_7060826	Ca_desi_chr08	7060826	[C/G]	NA
Ca_Desi_Chrom_8_7065625	Ca_desi_chr08	7065625	[A/C]	NA
Ca_Desi_Chrom_8_7066003	Ca_desi_chr08	7066003	[A/G]	NA
Ca_Desi_Chrom_8_7066012	Ca_desi_chr08	7066012	[A/G]	NA
Ca_Desi_Chrom_8_7066018	Ca_desi_chr08	7066018	[A/C]	NA
Ca_Desi_Chrom_8_7066022	Ca_desi_chr08	7066022	[T/C]	NA
Ca_Desi_Chrom_8_7066025	Ca_desi_chr08	7066025	[T/C]	NA
Ca_Desi_Chrom_8_7066027	Ca_desi_chr08	7066027	[T/C]	NA
Ca_Desi_Chrom_8_7066031	Ca_desi_chr08	7066031	[A/G]	NA
Ca_Desi_Chrom_8_7066039	Ca_desi_chr08	7066039	[T/A]	NA
Ca_Desi_Chrom_8_7066048	Ca_desi_chr08	7066048	[A/G]	NA
Ca_Desi_Chrom_8_7066065	Ca_desi_chr08	7066065	[T/C]	NA
Ca_Desi_Chrom_8_7066467	Ca_desi_chr08	7066467	[T/G]	NA
Ca_Desi_Chrom_8_7066469	Ca_desi_chr08	7066469	[A/T]	NA
Ca_Desi_Chrom_8_7066470	Ca_desi_chr08	7066470	[T/C]	NA
Ca_Desi_Chrom_8_7066471	Ca_desi_chr08	7066471	[G/T]	NA
Ca_Desi_Chrom_8_7067658	Ca_desi_chr08	7067658	[A/C]	NA
Ca_Desi_Chrom_8_7680977	Ca_desi_chr08	7680977	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_7750373	Ca_desi_chr08	7750373	[T/G]	NA
Ca_Desi_Chrom_8_7750376	Ca_desi_chr08	7750376	[A/G]	NA
Ca_Desi_Chrom_8_7830062	Ca_desi_chr08	7830062	[T/G]	NA
Ca_Desi_Chrom_8_7868222	Ca_desi_chr08	7868222	[A/G]	NA
Ca_Desi_Chrom_8_7868232	Ca_desi_chr08	7868232	[A/G]	NA
Ca_Desi_Chrom_8_7868235	Ca_desi_chr08	7868235	[T/G]	NA
Ca_Desi_Chrom_8_7868237	Ca_desi_chr08	7868237	[T/C]	NA
Ca_Desi_Chrom_8_7868239	Ca_desi_chr08	7868239	[T/C]	NA
Ca_Desi_Chrom_8_7868243	Ca_desi_chr08	7868243	[T/C]	NA
Ca_Desi_Chrom_8_7868259	Ca_desi_chr08	7868259	[A/C]	NA
Ca_Desi_Chrom_8_7868263	Ca_desi_chr08	7868263	[A/G]	NA
Ca_Desi_Chrom_8_7868274	Ca_desi_chr08	7868274	[A/G]	NA
Ca_Desi_Chrom_8_7868277	Ca_desi_chr08	7868277	[A/G]	NA
Ca_Desi_Chrom_8_7868327	Ca_desi_chr08	7868327	[T/G]	NA
Ca_Desi_Chrom_8_7877654	Ca_desi_chr08	7877654	[T/G]	NA
Ca_Desi_Chrom_8_7877661	Ca_desi_chr08	7877661	[T/G]	NA
Ca_Desi_Chrom_8_7878042	Ca_desi_chr08	7878042	[A/T]	NA
Ca_Desi_Chrom_8_7883071	Ca_desi_chr08	7883071	[T/G]	NA
Ca_Desi_Chrom_8_7883119	Ca_desi_chr08	7883119	[A/T]	NA
Ca_Desi_Chrom_8_7940104	Ca_desi_chr08	7940104	[A/C]	NA
Ca_Desi_Chrom_8_7940144	Ca_desi_chr08	7940144	[T/C]	NA
Ca_Desi_Chrom_8_8143253	Ca_desi_chr08	8143253	[A/T]	NA
Ca_Desi_Chrom_8_8143261	Ca_desi_chr08	8143261	[A/G]	NA
Ca_Desi_Chrom_8_8143291	Ca_desi_chr08	8143291	[T/G]	NA
Ca_Desi_Chrom_8_8143293	Ca_desi_chr08	8143293	[T/C]	NA
Ca_Desi_Chrom_8_8174457	Ca_desi_chr08	8174457	[A/C]	NA
Ca_Desi_Chrom_8_8188429	Ca_desi_chr08	8188429	[T/A]	NA
Ca_Desi_Chrom_8_8188455	Ca_desi_chr08	8188455	[A/C]	NA
Ca_Desi_Chrom_8_8188484	Ca_desi_chr08	8188484	[A/C]	NA
Ca_Desi_Chrom_8_8188487	Ca_desi_chr08	8188487	[A/C]	NA
Ca_Desi_Chrom_8_8188702	Ca_desi_chr08	8188702	[T/G]	NA
Ca_Desi_Chrom_8_8238122	Ca_desi_chr08	8238122	[A/C]	NA
Ca_Desi_Chrom_8_8238161	Ca_desi_chr08	8238161	[A/G]	NA
Ca_Desi_Chrom_8_8238163	Ca_desi_chr08	8238163	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_8238165	Ca_desi_chr08	8238165	[A/T]	NA
Ca_Desi_Chrom_8_8238167	Ca_desi_chr08	8238167	[G/A]	NA
Ca_Desi_Chrom_8_8238168	Ca_desi_chr08	8238168	[A/G]	NA
Ca_Desi_Chrom_8_8238169	Ca_desi_chr08	8238169	[G/T]	NA
Ca_Desi_Chrom_8_8238173	Ca_desi_chr08	8238173	[T/C]	NA
Ca_Desi_Chrom_8_8238176	Ca_desi_chr08	8238176	[A/G]	NA
Ca_Desi_Chrom_8_8238192	Ca_desi_chr08	8238192	[T/C]	NA
Ca_Desi_Chrom_8_8238194	Ca_desi_chr08	8238194	[A/C]	NA
Ca_Desi_Chrom_8_8238212	Ca_desi_chr08	8238212	[T/G]	NA
Ca_Desi_Chrom_8_8238215	Ca_desi_chr08	8238215	[T/C]	NA
Ca_Desi_Chrom_8_8238223	Ca_desi_chr08	8238223	[T/C]	NA
Ca_Desi_Chrom_8_8293910	Ca_desi_chr08	8293910	[T/G]	NA
Ca_Desi_Chrom_8_8293911	Ca_desi_chr08	8293911	[T/G]	NA
Ca_Desi_Chrom_8_8293912	Ca_desi_chr08	8293912	[T/C]	NA
Ca_Desi_Chrom_8_8359117	Ca_desi_chr08	8359117	[G/A]	NA
Ca_Desi_Chrom_8_8394436	Ca_desi_chr08	8394436	[T/G]	NA
Ca_Desi_Chrom_8_8394448	Ca_desi_chr08	8394448	[T/C]	NA
Ca_Desi_Chrom_8_8415320	Ca_desi_chr08	8415320	[T/C]	NA
Ca_Desi_Chrom_8_8415323	Ca_desi_chr08	8415323	[T/C]	NA
Ca_Desi_Chrom_8_8415330	Ca_desi_chr08	8415330	[T/C]	NA
Ca_Desi_Chrom_8_8415349	Ca_desi_chr08	8415349	[T/G]	NA
Ca_Desi_Chrom_8_8415352	Ca_desi_chr08	8415352	[T/C]	NA
Ca_Desi_Chrom_8_8415359	Ca_desi_chr08	8415359	[T/G]	NA
Ca_Desi_Chrom_8_8415363	Ca_desi_chr08	8415363	[T/A]	NA
Ca_Desi_Chrom_8_8419600	Ca_desi_chr08	8419600	[A/G]	NA
Ca_Desi_Chrom_8_8429584	Ca_desi_chr08	8429584	[T/A]	NA
Ca_Desi_Chrom_8_8432955	Ca_desi_chr08	8432955	[C/A]	NA
Ca_Desi_Chrom_8_8432964	Ca_desi_chr08	8432964	[A/C]	NA
Ca_Desi_Chrom_8_8432968	Ca_desi_chr08	8432968	[T/G]	NA
Ca_Desi_Chrom_8_8435276	Ca_desi_chr08	8435276	[T/C]	NA
Ca_Desi_Chrom_8_8435281	Ca_desi_chr08	8435281	[T/A]	NA
Ca_Desi_Chrom_8_8435292	Ca_desi_chr08	8435292	[T/G]	NA
Ca_Desi_Chrom_8_8435309	Ca_desi_chr08	8435309	[A/C]	NA
Ca_Desi_Chrom_8_8460217	Ca_desi_chr08	8460217	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_8460231	Ca_desi_chr08	8460231	[A/G]	NA
Ca_Desi_Chrom_8_8550573	Ca_desi_chr08	8550573	[T/C]	NA
Ca_Desi_Chrom_8_8581168	Ca_desi_chr08	8581168	[A/G]	NA
Ca_Desi_Chrom_8_8581205	Ca_desi_chr08	8581205	[G/A]	NA
Ca_Desi_Chrom_8_8581207	Ca_desi_chr08	8581207	[A/G]	NA
Ca_Desi_Chrom_8_8581907	Ca_desi_chr08	8581907	[T/C]	NA
Ca_Desi_Chrom_8_8582525	Ca_desi_chr08	8582525	[T/A]	NA
Ca_Desi_Chrom_8_8582534	Ca_desi_chr08	8582534	[A/G]	NA
Ca_Desi_Chrom_8_8610609	Ca_desi_chr08	8610609	[T/G]	NA
Ca_Desi_Chrom_8_8714777	Ca_desi_chr08	8714777	[T/C]	NA
Ca_Desi_Chrom_8_8714793	Ca_desi_chr08	8714793	[A/G]	NA
Ca_Desi_Chrom_8_8714800	Ca_desi_chr08	8714800	[T/C]	NA
Ca_Desi_Chrom_8_8714808	Ca_desi_chr08	8714808	[A/G]	NA
Ca_Desi_Chrom_8_8714835	Ca_desi_chr08	8714835	[A/C]	NA
Ca_Desi_Chrom_8_8714868	Ca_desi_chr08	8714868	[T/C]	NA
Ca_Desi_Chrom_8_8714872	Ca_desi_chr08	8714872	[T/C]	NA
Ca_Desi_Chrom_8_8714887	Ca_desi_chr08	8714887	[T/C]	NA
Ca_Desi_Chrom_8_8714902	Ca_desi_chr08	8714902	[A/C]	NA
Ca_Desi_Chrom_8_8715048	Ca_desi_chr08	8715048	[A/C]	NA
Ca_Desi_Chrom_8_8715297	Ca_desi_chr08	8715297	[T/C]	NA
Ca_Desi_Chrom_8_8715312	Ca_desi_chr08	8715312	[A/G]	NA
Ca_Desi_Chrom_8_8715339	Ca_desi_chr08	8715339	[T/C]	NA
Ca_Desi_Chrom_8_8733053	Ca_desi_chr08	8733053	[T/C]	NA
Ca_Desi_Chrom_8_8781140	Ca_desi_chr08	8781140	[T/A]	NA
Ca_Desi_Chrom_8_8802713	Ca_desi_chr08	8802713	[A/T]	NA
Ca_Desi_Chrom_8_8802718	Ca_desi_chr08	8802718	[T/C]	NA
Ca_Desi_Chrom_8_8802723	Ca_desi_chr08	8802723	[T/C]	NA
Ca_Desi_Chrom_8_8802726	Ca_desi_chr08	8802726	[A/C]	NA
Ca_Desi_Chrom_8_8802735	Ca_desi_chr08	8802735	[A/C]	NA
Ca_Desi_Chrom_8_8802748	Ca_desi_chr08	8802748	[A/G]	NA
Ca_Desi_Chrom_8_8802766	Ca_desi_chr08	8802766	[T/A]	NA
Ca_Desi_Chrom_8_8811707	Ca_desi_chr08	8811707	[T/C]	NA
Ca_Desi_Chrom_8_8841733	Ca_desi_chr08	8841733	[T/G]	NA
Ca_Desi_Chrom_8_8887876	Ca_desi_chr08	8887876	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_8_8891652	Ca_desi_chr08	8891652	[A/C]	NA
Ca_Desi_Chrom_8_8962439	Ca_desi_chr08	8962439	[T/G]	NA
Ca_Desi_Chrom_8_9937772	Ca_desi_chr08	9937772	[T/C]	NA
Ca_Desi_Chrom_8_9937847	Ca_desi_chr08	9937847	[A/T]	NA
Ca_Desi_Chrom_8_9942062	Ca_desi_chr08	9942062	[A/C]	NA
Ca_Desi_Chrom_8_9962960	Ca_desi_chr08	9962960	[T/C]	NA
Ca_Desi_Chrom_8_9962965	Ca_desi_chr08	9962965	[A/T]	NA
Ca_Desi_Chrom_8_9962974	Ca_desi_chr08	9962974	[T/A]	NA
Ca_Desi_Chrom_8_9962985	Ca_desi_chr08	9962985	[T/G]	NA
Ca_Desi_Chrom_8_9962988	Ca_desi_chr08	9962988	[A/G]	NA
Ca_Desi_Chrom_8_9966244	Ca_desi_chr08	9966244	[C/A]	NA
Ca_Desi_Chrom_8_9988604	Ca_desi_chr08	9988604	[A/C]	NA
Ca_Desi_Chrom_8_9988635	Ca_desi_chr08	9988635	[T/G]	NA
Ca_Desi_Chrom_8_10005955	Ca_desi_chr08	10005955	[T/G]	NA
Ca_Desi_Chrom_8_10010313	Ca_desi_chr08	10010313	[A/G]	NA
Ca_Desi_Chrom_8_10010321	Ca_desi_chr08	10010321	[T/C]	NA
Ca_Desi_Chrom_8_10010422	Ca_desi_chr08	10010422	[T/G]	NA
Ca_Desi_Chrom_8_10010434	Ca_desi_chr08	10010434	[C/A]	NA
Ca_Desi_Chrom_8_10010446	Ca_desi_chr08	10010446	[G/T]	NA
Ca_Desi_Chrom_8_10010518	Ca_desi_chr08	10010518	[A/G]	NA
Ca_Desi_Chrom_8_10011173	Ca_desi_chr08	10011173	[T/C]	NA
Ca_Desi_Chrom_8_10011198	Ca_desi_chr08	10011198	[C/G]	NA
Ca_Desi_Chrom_8_10033171	Ca_desi_chr08	10033171	[G/T]	NA
Ca_Desi_Chrom_8_10047723	Ca_desi_chr08	10047723	[G/C]	NA
Ca_Desi_Chrom_8_10047814	Ca_desi_chr08	10047814	[C/T]	NA
Ca_Desi_Chrom_8_10072549	Ca_desi_chr08	10072549	[T/A]	NA
Ca_Desi_Chrom_8_10088187	Ca_desi_chr08	10088187	[T/C]	NA
Ca_Desi_Chrom_8_10089719	Ca_desi_chr08	10089719	[T/G]	NA
Ca_Desi_Chrom_8_10089756	Ca_desi_chr08	10089756	[A/G]	NA
Ca_Desi_Chrom_8_10089757	Ca_desi_chr08	10089757	[G/A]	NA
Ca_Desi_Chrom_8_10090996	Ca_desi_chr08	10090996	[A/T]	NA
Ca_Desi_Chrom_8_10092099	Ca_desi_chr08	10092099	[A/T]	NA
Ca_Desi_Chrom_8_10092448	Ca_desi_chr08	10092448	[A/G]	NA
Ca_Desi_Chrom_8_10092480	Ca_desi_chr08	10092480	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_8_10092506	Ca_desig_chr08	10092506	[A/G]	NA
Ca_Desig_Chr_8_10092547	Ca_desig_chr08	10092547	[C/G]	NA
Ca_Desig_Chr_8_10099055	Ca_desig_chr08	10099055	[C/T]	NA
Ca_Desig_Chr_8_10101937	Ca_desig_chr08	10101937	[C/A]	NA
Ca_Desig_Chr_8_10122343	Ca_desig_chr08	10122343	[C/T]	NA
Ca_Desig_Chr_8_10125933	Ca_desig_chr08	10125933	[A/C]	NA
Ca_Desig_Chr_8_10125985	Ca_desig_chr08	10125985	[A/G]	NA
Ca_Desig_Chr_8_10126008	Ca_desig_chr08	10126008	[A/G]	NA
Ca_Desig_Chr_8_10126034	Ca_desig_chr08	10126034	[T/C]	NA
Ca_Desig_Chr_8_10126045	Ca_desig_chr08	10126045	[A/C]	NA
Ca_Desig_Chr_8_10126047	Ca_desig_chr08	10126047	[A/C]	NA
Ca_Desig_Chr_8_10126050	Ca_desig_chr08	10126050	[A/C]	NA
Ca_Desig_Chr_8_10127887	Ca_desig_chr08	10127887	[T/C]	NA
Ca_Desig_Chr_8_10127892	Ca_desig_chr08	10127892	[T/C]	NA
Ca_Desig_Chr_8_10127901	Ca_desig_chr08	10127901	[T/G]	NA
Ca_Desig_Chr_8_10127903	Ca_desig_chr08	10127903	[T/G]	NA
Ca_Desig_Chr_8_10138245	Ca_desig_chr08	10138245	[G/T]	NA
Ca_Desig_Chr_8_10138991	Ca_desig_chr08	10138991	[T/G]	NA
Ca_Desig_Chr_8_10139018	Ca_desig_chr08	10139018	[T/G]	NA
Ca_Desig_Chr_8_10139026	Ca_desig_chr08	10139026	[A/G]	NA
Ca_Desig_Chr_8_10139184	Ca_desig_chr08	10139184	[T/G]	NA
Ca_Desig_Chr_8_10146725	Ca_desig_chr08	10146725	[T/C]	NA
Ca_Desig_Chr_8_10146739	Ca_desig_chr08	10146739	[T/C]	NA
Ca_Desig_Chr_8_10146756	Ca_desig_chr08	10146756	[A/G]	NA
Ca_Desig_Chr_8_10146775	Ca_desig_chr08	10146775	[A/C]	NA
Ca_Desig_Chr_8_10146815	Ca_desig_chr08	10146815	[A/T]	NA
Ca_Desig_Chr_8_10146819	Ca_desig_chr08	10146819	[T/C]	NA
Ca_Desig_Chr_8_10146848	Ca_desig_chr08	10146848	[T/G]	NA
Ca_Desig_Chr_8_10146861	Ca_desig_chr08	10146861	[A/G]	NA
Ca_Desig_Chr_8_10147096	Ca_desig_chr08	10147096	[G/A]	NA
Ca_Desig_Chr_8_10156188	Ca_desig_chr08	10156188	[C/G]	NA
Ca_Desig_Chr_8_10156217	Ca_desig_chr08	10156217	[T/G]	NA
Ca_Desig_Chr_8_10160852	Ca_desig_chr08	10160852	[C/T]	NA
Ca_Desig_Chr_8_10161149	Ca_desig_chr08	10161149	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_8_10168029	Ca_desig_chr08	10168029	[T/C]	NA
Ca_Desig_Chr_8_10168146	Ca_desig_chr08	10168146	[A/T]	NA
Ca_Desig_Chr_8_10178649	Ca_desig_chr08	10178649	[T/C]	NA
Ca_Desig_Chr_8_10194656	Ca_desig_chr08	10194656	[G/T]	NA
Ca_Desig_Chr_8_10194696	Ca_desig_chr08	10194696	[A/C]	NA
Ca_Desig_Chr_8_10194708	Ca_desig_chr08	10194708	[A/C]	NA
Ca_Desig_Chr_8_10194709	Ca_desig_chr08	10194709	[C/T]	NA
Ca_Desig_Chr_8_10194718	Ca_desig_chr08	10194718	[A/C]	NA
Ca_Desig_Chr_8_10194719	Ca_desig_chr08	10194719	[A/C]	NA
Ca_Desig_Chr_8_10194727	Ca_desig_chr08	10194727	[A/C]	NA
Ca_Desig_Chr_8_10194865	Ca_desig_chr08	10194865	[G/T]	NA
Ca_Desig_Chr_8_10211353	Ca_desig_chr08	10211353	[A/G]	NA
Ca_Desig_Chr_8_10211357	Ca_desig_chr08	10211357	[T/C]	NA
Ca_Desig_Chr_8_10211368	Ca_desig_chr08	10211368	[A/G]	NA
Ca_Desig_Chr_8_10211377	Ca_desig_chr08	10211377	[A/C]	NA
Ca_Desig_Chr_8_10211396	Ca_desig_chr08	10211396	[A/C]	NA
Ca_Desig_Chr_8_10211398	Ca_desig_chr08	10211398	[A/G]	NA
Ca_Desig_Chr_8_10211406	Ca_desig_chr08	10211406	[T/C]	NA
Ca_Desig_Chr_8_10247925	Ca_desig_chr08	10247925	[T/C]	NA
Ca_Desig_Chr_8_10405537	Ca_desig_chr08	10405537	[A/G]	NA
Ca_Desig_Chr_8_10405543	Ca_desig_chr08	10405543	[A/C]	NA
Ca_Desig_Chr_8_10431041	Ca_desig_chr08	10431041	[T/A]	NA
Ca_Desig_Chr_8_10431043	Ca_desig_chr08	10431043	[A/T]	NA
Ca_Desig_Chr_8_10458768	Ca_desig_chr08	10458768	[A/T]	NA
Ca_Desig_Chr_8_10458771	Ca_desig_chr08	10458771	[A/G]	NA
Ca_Desig_Chr_8_10458774	Ca_desig_chr08	10458774	[A/G]	NA
Ca_Desig_Chr_8_10458787	Ca_desig_chr08	10458787	[T/G]	NA
Ca_Desig_Chr_8_10458789	Ca_desig_chr08	10458789	[A/G]	NA
Ca_Desig_Chr_8_10458802	Ca_desig_chr08	10458802	[T/G]	NA
Ca_Desig_Chr_8_10458805	Ca_desig_chr08	10458805	[T/G]	NA
Ca_Desig_Chr_scaffold00046_234031	Ca_desig_scaffold	234031	[G/A]	NA
Ca_Desig_Chr_scaffold00046_278914	Ca_desig_scaffold	278914	[T/G]	NA
Ca_Desig_Chr_scaffold00046_387030	Ca_desig_scaffold	387030	[T/G]	NA
Ca_Desig_Chr_scaffold00046_387066	Ca_desig_scaffold	387066	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00046_421202	Ca_desi_scaffold	421202	[T/G]	NA
Ca_Desi_Ch_scaffold00046_421275	Ca_desi_scaffold	421275	[T/G]	NA
Ca_Desi_Ch_scaffold00046_421375	Ca_desi_scaffold	421375	[T/G]	NA
Ca_Desi_Ch_scaffold00046_431003	Ca_desi_scaffold	431003	[T/G]	NA
Ca_Desi_Ch_scaffold00046_431004	Ca_desi_scaffold	431004	[T/C]	NA
Ca_Desi_Ch_scaffold00046_522661	Ca_desi_scaffold	522661	[T/A]	NA
Ca_Desi_Ch_scaffold00046_522879	Ca_desi_scaffold	522879	[A/T]	NA
Ca_Desi_Ch_scaffold00046_522895	Ca_desi_scaffold	522895	[T/G]	NA
Ca_Desi_Ch_scaffold00046_527179	Ca_desi_scaffold	527179	[A/C]	NA
Ca_Desi_Ch_scaffold00046_562057	Ca_desi_scaffold	562057	[T/C]	NA
Ca_Desi_Ch_scaffold00055_13514	Ca_desi_scaffold	13514	[T/A]	NA
Ca_Desi_Ch_scaffold00055_41091	Ca_desi_scaffold	41091	[A/T]	NA
Ca_Desi_Ch_scaffold00055_41095	Ca_desi_scaffold	41095	[A/G]	NA
Ca_Desi_Ch_scaffold00055_41099	Ca_desi_scaffold	41099	[A/C]	NA
Ca_Desi_Ch_scaffold00055_41105	Ca_desi_scaffold	41105	[A/C]	NA
Ca_Desi_Ch_scaffold00055_41109	Ca_desi_scaffold	41109	[A/G]	NA
Ca_Desi_Ch_scaffold00055_41113	Ca_desi_scaffold	41113	[A/G]	NA
Ca_Desi_Ch_scaffold00055_41117	Ca_desi_scaffold	41117	[A/G]	NA
Ca_Desi_Ch_scaffold00055_41119	Ca_desi_scaffold	41119	[T/C]	NA
Ca_Desi_Ch_scaffold00055_41121	Ca_desi_scaffold	41121	[A/G]	NA
Ca_Desi_Ch_scaffold00055_41125	Ca_desi_scaffold	41125	[A/G]	NA
Ca_Desi_Ch_scaffold00055_41126	Ca_desi_scaffold	41126	[G/A]	NA
Ca_Desi_Ch_scaffold00055_41128	Ca_desi_scaffold	41128	[G/A]	NA
Ca_Desi_Ch_scaffold00055_41129	Ca_desi_scaffold	41129	[C/G]	NA
Ca_Desi_Ch_scaffold00055_41136	Ca_desi_scaffold	41136	[A/G]	NA
Ca_Desi_Ch_scaffold00055_41140	Ca_desi_scaffold	41140	[C/G]	NA
Ca_Desi_Ch_scaffold00055_45485	Ca_desi_scaffold	45485	[T/C]	NA
Ca_Desi_Ch_scaffold00055_70252	Ca_desi_scaffold	70252	[T/G]	NA
Ca_Desi_Ch_scaffold00055_79611	Ca_desi_scaffold	79611	[A/C]	NA
Ca_Desi_Ch_scaffold00055_79620	Ca_desi_scaffold	79620	[C/T]	NA
Ca_Desi_Ch_scaffold00055_79621	Ca_desi_scaffold	79621	[C/T]	NA
Ca_Desi_Ch_scaffold00055_79624	Ca_desi_scaffold	79624	[A/C]	NA
Ca_Desi_Ch_scaffold00055_79626	Ca_desi_scaffold	79626	[C/T]	NA
Ca_Desi_Ch_scaffold00055_135963	Ca_desi_scaffold	135963	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00055_135970	Ca_desi_scaffold	135970	[T/C]	NA
Ca_Desi_Ch_scaffold00055_135975	Ca_desi_scaffold	135975	[A/G]	NA
Ca_Desi_Ch_scaffold00055_136013	Ca_desi_scaffold	136013	[T/G]	NA
Ca_Desi_Ch_scaffold00055_136015	Ca_desi_scaffold	136015	[T/C]	NA
Ca_Desi_Ch_scaffold00055_152101	Ca_desi_scaffold	152101	[A/T]	NA
Ca_Desi_Ch_scaffold00055_275927	Ca_desi_scaffold	275927	[T/A]	NA
Ca_Desi_Ch_scaffold00055_275942	Ca_desi_scaffold	275942	[T/G]	NA
Ca_Desi_Ch_scaffold00055_276940	Ca_desi_scaffold	276940	[A/G]	NA
Ca_Desi_Ch_scaffold00055_276946	Ca_desi_scaffold	276946	[T/C]	NA
Ca_Desi_Ch_scaffold00055_317134	Ca_desi_scaffold	317134	[T/G]	NA
Ca_Desi_Ch_scaffold00055_318197	Ca_desi_scaffold	318197	[T/A]	NA
Ca_Desi_Ch_scaffold00055_318204	Ca_desi_scaffold	318204	[A/C]	NA
Ca_Desi_Ch_scaffold00055_318214	Ca_desi_scaffold	318214	[C/A]	NA
Ca_Desi_Ch_scaffold00055_320039	Ca_desi_scaffold	320039	[A/C]	NA
Ca_Desi_Ch_scaffold00055_320076	Ca_desi_scaffold	320076	[C/T]	NA
Ca_Desi_Ch_scaffold00055_344630	Ca_desi_scaffold	344630	[T/G]	NA
Ca_Desi_Ch_scaffold00055_344641	Ca_desi_scaffold	344641	[A/G]	NA
Ca_Desi_Ch_scaffold00055_373749	Ca_desi_scaffold	373749	[T/C]	NA
Ca_Desi_Ch_scaffold00055_373773	Ca_desi_scaffold	373773	[A/G]	NA
Ca_Desi_Ch_scaffold00055_379856	Ca_desi_scaffold	379856	[A/C]	NA
Ca_Desi_Ch_scaffold03073_164898	Ca_desi_scaffold	164898	[A/C]	NA
Ca_Desi_Ch_scaffold03073_166774	Ca_desi_scaffold	166774	[A/C]	NA
Ca_Desi_Ch_scaffold03073_180918	Ca_desi_scaffold	180918	[T/G]	NA
Ca_Desi_Ch_scaffold03073_180952	Ca_desi_scaffold	180952	[A/G]	NA
Ca_Desi_Ch_scaffold03073_180957	Ca_desi_scaffold	180957	[A/G]	NA
Ca_Desi_Ch_scaffold03073_180961	Ca_desi_scaffold	180961	[T/G]	NA
Ca_Desi_Ch_scaffold03073_401549	Ca_desi_scaffold	401549	[T/G]	NA
Ca_Desi_Ch_scaffold03073_401592	Ca_desi_scaffold	401592	[G/A]	NA
Ca_Desi_Ch_scaffold03073_437759	Ca_desi_scaffold	437759	[T/A]	NA
Ca_Desi_Ch_scaffold03073_520716	Ca_desi_scaffold	520716	[T/G]	NA
Ca_Desi_Ch_scaffold03073_520736	Ca_desi_scaffold	520736	[T/C]	NA
Ca_Desi_Ch_scaffold01574_14189	Ca_desi_scaffold	14189	[T/G]	NA
Ca_Desi_Ch_scaffold00167_170463	Ca_desi_scaffold	170463	[T/G]	NA
Ca_Desi_Ch_scaffold00167_170517	Ca_desi_scaffold	170517	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00167_274104	Ca_desi_scaffold	274104	[T/C]	NA
Ca_Desi_Ch_scaffold00167_274113	Ca_desi_scaffold	274113	[T/C]	NA
Ca_Desi_Ch_scaffold00167_274127	Ca_desi_scaffold	274127	[A/C]	NA
Ca_Desi_Ch_scaffold00185_64967	Ca_desi_scaffold	64967	[C/A]	NA
Ca_Desi_Ch_scaffold00185_64986	Ca_desi_scaffold	64986	[T/C]	NA
Ca_Desi_Ch_scaffold00185_65142	Ca_desi_scaffold	65142	[T/C]	NA
Ca_Desi_Ch_scaffold00185_103012	Ca_desi_scaffold	103012	[A/C]	NA
Ca_Desi_Ch_scaffold00185_103016	Ca_desi_scaffold	103016	[T/G]	NA
Ca_Desi_Ch_scaffold00185_103019	Ca_desi_scaffold	103019	[A/G]	NA
Ca_Desi_Ch_scaffold00185_103027	Ca_desi_scaffold	103027	[A/G]	NA
Ca_Desi_Ch_scaffold00185_156795	Ca_desi_scaffold	156795	[C/A]	NA
Ca_Desi_Ch_scaffold00185_156800	Ca_desi_scaffold	156800	[T/A]	NA
Ca_Desi_Ch_scaffold00185_156804	Ca_desi_scaffold	156804	[T/G]	NA
Ca_Desi_Ch_scaffold00185_156806	Ca_desi_scaffold	156806	[C/A]	NA
Ca_Desi_Ch_scaffold00185_156809	Ca_desi_scaffold	156809	[C/A]	NA
Ca_Desi_Ch_scaffold00185_156834	Ca_desi_scaffold	156834	[C/A]	NA
Ca_Desi_Ch_scaffold00185_171830	Ca_desi_scaffold	171830	[A/G]	NA
Ca_Desi_Ch_scaffold00185_178597	Ca_desi_scaffold	178597	[T/G]	NA
Ca_Desi_Ch_scaffold00185_178989	Ca_desi_scaffold	178989	[T/G]	NA
Ca_Desi_Ch_scaffold00185_180693	Ca_desi_scaffold	180693	[T/G]	NA
Ca_Desi_Ch_scaffold00185_181449	Ca_desi_scaffold	181449	[A/T]	NA
Ca_Desi_Ch_scaffold00185_192202	Ca_desi_scaffold	192202	[T/G]	NA
Ca_Desi_Ch_scaffold00185_192570	Ca_desi_scaffold	192570	[T/G]	NA
Ca_Desi_Ch_scaffold00185_194933	Ca_desi_scaffold	194933	[A/C]	NA
Ca_Desi_Ch_scaffold00185_195026	Ca_desi_scaffold	195026	[T/C]	NA
Ca_Desi_Ch_scaffold00185_297269	Ca_desi_scaffold	297269	[A/C]	NA
Ca_Desi_Ch_scaffold00185_310319	Ca_desi_scaffold	310319	[T/G]	NA
Ca_Desi_Ch_scaffold00211_17723	Ca_desi_scaffold	17723	[T/G]	NA
Ca_Desi_Ch_scaffold00211_19270	Ca_desi_scaffold	19270	[G/T]	NA
Ca_Desi_Ch_scaffold00211_45879	Ca_desi_scaffold	45879	[A/C]	NA
Ca_Desi_Ch_scaffold00211_45884	Ca_desi_scaffold	45884	[T/C]	NA
Ca_Desi_Ch_scaffold00211_45897	Ca_desi_scaffold	45897	[A/G]	NA
Ca_Desi_Ch_scaffold00211_176925	Ca_desi_scaffold	176925	[T/C]	NA
Ca_Desi_Ch_scaffold00211_242196	Ca_desi_scaffold	242196	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00211_242645	Ca_desi_scaffold	242645	[T/C]	NA
Ca_Desi_Ch_scaffold00211_242964	Ca_desi_scaffold	242964	[A/G]	NA
Ca_Desi_Ch_scaffold00211_242968	Ca_desi_scaffold	242968	[A/G]	NA
Ca_Desi_Ch_scaffold00211_242994	Ca_desi_scaffold	242994	[A/C]	NA
Ca_Desi_Ch_scaffold00211_243025	Ca_desi_scaffold	243025	[T/C]	NA
Ca_Desi_Ch_scaffold00212_220204	Ca_desi_scaffold	220204	[T/G]	NA
Ca_Desi_Ch_scaffold00212_235063	Ca_desi_scaffold	235063	[A/C]	NA
Ca_Desi_Ch_scaffold00215_235353	Ca_desi_scaffold	235353	[T/C]	NA
Ca_Desi_Ch_scaffold00215_235379	Ca_desi_scaffold	235379	[T/C]	NA
Ca_Desi_Ch_scaffold00215_235383	Ca_desi_scaffold	235383	[A/G]	NA
Ca_Desi_Ch_scaffold00216_12050	Ca_desi_scaffold	12050	[A/T]	NA
Ca_Desi_Ch_scaffold00216_12128	Ca_desi_scaffold	12128	[C/A]	NA
Ca_Desi_Ch_scaffold00216_12141	Ca_desi_scaffold	12141	[A/G]	NA
Ca_Desi_Ch_scaffold00216_12151	Ca_desi_scaffold	12151	[T/C]	NA
Ca_Desi_Ch_scaffold00216_25367	Ca_desi_scaffold	25367	[A/G]	NA
Ca_Desi_Ch_scaffold00216_34304	Ca_desi_scaffold	34304	[A/G]	NA
Ca_Desi_Ch_scaffold00216_143659	Ca_desi_scaffold	143659	[A/G]	NA
Ca_Desi_Ch_scaffold00216_143671	Ca_desi_scaffold	143671	[T/G]	NA
Ca_Desi_Ch_scaffold00216_143673	Ca_desi_scaffold	143673	[T/C]	NA
Ca_Desi_Ch_scaffold00216_143687	Ca_desi_scaffold	143687	[A/G]	NA
Ca_Desi_Ch_scaffold00216_143688	Ca_desi_scaffold	143688	[C/A]	NA
Ca_Desi_Ch_scaffold00216_143689	Ca_desi_scaffold	143689	[A/G]	NA
Ca_Desi_Ch_scaffold00216_143693	Ca_desi_scaffold	143693	[T/G]	NA
Ca_Desi_Ch_scaffold00216_143695	Ca_desi_scaffold	143695	[A/G]	NA
Ca_Desi_Ch_scaffold00216_143701	Ca_desi_scaffold	143701	[T/G]	NA
Ca_Desi_Ch_scaffold00216_143702	Ca_desi_scaffold	143702	[A/T]	NA
Ca_Desi_Ch_scaffold00216_143705	Ca_desi_scaffold	143705	[T/C]	NA
Ca_Desi_Ch_scaffold00216_143708	Ca_desi_scaffold	143708	[T/C]	NA
Ca_Desi_Ch_scaffold00216_143710	Ca_desi_scaffold	143710	[A/G]	NA
Ca_Desi_Ch_scaffold00216_143718	Ca_desi_scaffold	143718	[A/G]	NA
Ca_Desi_Ch_scaffold00216_143726	Ca_desi_scaffold	143726	[A/G]	NA
Ca_Desi_Ch_scaffold00216_143758	Ca_desi_scaffold	143758	[T/G]	NA
Ca_Desi_Ch_scaffold00216_143760	Ca_desi_scaffold	143760	[A/G]	NA
Ca_Desi_Ch_scaffold00216_143765	Ca_desi_scaffold	143765	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00216_143772	Ca_desi_scaffold	143772	[C/T]	NA
Ca_Desi_Ch_scaffold00216_143780	Ca_desi_scaffold	143780	[T/G]	NA
Ca_Desi_Ch_scaffold00216_145045	Ca_desi_scaffold	145045	[T/G]	NA
Ca_Desi_Ch_scaffold00216_145049	Ca_desi_scaffold	145049	[A/G]	NA
Ca_Desi_Ch_scaffold00216_145077	Ca_desi_scaffold	145077	[T/G]	NA
Ca_Desi_Ch_scaffold00216_148028	Ca_desi_scaffold	148028	[T/G]	NA
Ca_Desi_Ch_scaffold00216_148106	Ca_desi_scaffold	148106	[T/C]	NA
Ca_Desi_Ch_scaffold00216_243217	Ca_desi_scaffold	243217	[T/G]	NA
Ca_Desi_Ch_scaffold00216_243231	Ca_desi_scaffold	243231	[A/G]	NA
Ca_Desi_Ch_scaffold00216_299202	Ca_desi_scaffold	299202	[A/C]	NA
Ca_Desi_Ch_scaffold00216_303325	Ca_desi_scaffold	303325	[A/C]	NA
Ca_Desi_Ch_scaffold00216_318685	Ca_desi_scaffold	318685	[A/C]	NA
Ca_Desi_Ch_scaffold00216_318688	Ca_desi_scaffold	318688	[A/G]	NA
Ca_Desi_Ch_scaffold00216_319569	Ca_desi_scaffold	319569	[A/C]	NA
Ca_Desi_Ch_scaffold00216_319575	Ca_desi_scaffold	319575	[T/C]	NA
Ca_Desi_Ch_scaffold00216_319578	Ca_desi_scaffold	319578	[T/C]	NA
Ca_Desi_Ch_scaffold05824_206620	Ca_desi_scaffold	206620	[T/G]	NA
Ca_Desi_Ch_scaffold05824_206899	Ca_desi_scaffold	206899	[A/C]	NA
Ca_Desi_Ch_scaffold05824_551873	Ca_desi_scaffold	551873	[T/G]	NA
Ca_Desi_Ch_scaffold05824_551898	Ca_desi_scaffold	551898	[A/C]	NA
Ca_Desi_Ch_scaffold05824_599543	Ca_desi_scaffold	599543	[A/C]	NA
Ca_Desi_Ch_scaffold05824_609033	Ca_desi_scaffold	609033	[A/C]	NA
Ca_Desi_Ch_scaffold05824_622905	Ca_desi_scaffold	622905	[T/G]	NA
Ca_Desi_Ch_scaffold05824_622971	Ca_desi_scaffold	622971	[A/G]	NA
Ca_Desi_Ch_scaffold05824_636446	Ca_desi_scaffold	636446	[T/A]	NA
Ca_Desi_Ch_scaffold05824_637925	Ca_desi_scaffold	637925	[T/C]	NA
Ca_Desi_Ch_scaffold05824_683807	Ca_desi_scaffold	683807	[A/C]	NA
Ca_Desi_Ch_scaffold05824_710177	Ca_desi_scaffold	710177	[T/G]	NA
Ca_Desi_Ch_scaffold05824_710197	Ca_desi_scaffold	710197	[A/C]	NA
Ca_Desi_Ch_scaffold05824_710297	Ca_desi_scaffold	710297	[A/T]	NA
Ca_Desi_Ch_scaffold05824_710298	Ca_desi_scaffold	710298	[T/C]	NA
Ca_Desi_Ch_scaffold05824_710299	Ca_desi_scaffold	710299	[G/T]	NA
Ca_Desi_Ch_scaffold05824_752140	Ca_desi_scaffold	752140	[T/C]	NA
Ca_Desi_Ch_scaffold05824_752177	Ca_desi_scaffold	752177	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00224_280540	Ca_desi_scaffold	280540	[T/C]	NA
Ca_Desi_Ch_scaffold00224_280565	Ca_desi_scaffold	280565	[A/T]	NA
Ca_Desi_Ch_scaffold00224_280591	Ca_desi_scaffold	280591	[A/C]	NA
Ca_Desi_Ch_scaffold00233_4334	Ca_desi_scaffold	4334	[T/G]	NA
Ca_Desi_Ch_scaffold00233_4529	Ca_desi_scaffold	4529	[T/G]	NA
Ca_Desi_Ch_scaffold00233_22712	Ca_desi_scaffold	22712	[A/T]	NA
Ca_Desi_Ch_scaffold00233_42056	Ca_desi_scaffold	42056	[T/G]	NA
Ca_Desi_Ch_scaffold00233_44656	Ca_desi_scaffold	44656	[T/G]	NA
Ca_Desi_Ch_scaffold00233_49948	Ca_desi_scaffold	49948	[T/C]	NA
Ca_Desi_Ch_scaffold00233_49979	Ca_desi_scaffold	49979	[T/A]	NA
Ca_Desi_Ch_scaffold00233_50077	Ca_desi_scaffold	50077	[A/C]	NA
Ca_Desi_Ch_scaffold00233_120304	Ca_desi_scaffold	120304	[T/G]	NA
Ca_Desi_Ch_scaffold00233_122036	Ca_desi_scaffold	122036	[T/G]	NA
Ca_Desi_Ch_scaffold00233_122052	Ca_desi_scaffold	122052	[T/G]	NA
Ca_Desi_Ch_scaffold00233_122058	Ca_desi_scaffold	122058	[T/A]	NA
Ca_Desi_Ch_scaffold00233_147959	Ca_desi_scaffold	147959	[T/C]	NA
Ca_Desi_Ch_scaffold00233_176179	Ca_desi_scaffold	176179	[A/T]	NA
Ca_Desi_Ch_scaffold00233_215728	Ca_desi_scaffold	215728	[A/C]	NA
Ca_Desi_Ch_scaffold00233_215748	Ca_desi_scaffold	215748	[A/G]	NA
Ca_Desi_Ch_scaffold00233_215832	Ca_desi_scaffold	215832	[A/C]	NA
Ca_Desi_Ch_scaffold00233_215936	Ca_desi_scaffold	215936	[A/G]	NA
Ca_Desi_Ch_scaffold00233_215944	Ca_desi_scaffold	215944	[T/C]	NA
Ca_Desi_Ch_scaffold00233_224631	Ca_desi_scaffold	224631	[T/C]	NA
Ca_Desi_Ch_scaffold00233_233059	Ca_desi_scaffold	233059	[A/G]	NA
Ca_Desi_Ch_scaffold00233_233070	Ca_desi_scaffold	233070	[T/G]	NA
Ca_Desi_Ch_scaffold00233_233077	Ca_desi_scaffold	233077	[A/G]	NA
Ca_Desi_Ch_scaffold00233_233079	Ca_desi_scaffold	233079	[C/G]	NA
Ca_Desi_Ch_scaffold00233_233080	Ca_desi_scaffold	233080	[A/G]	NA
Ca_Desi_Ch_scaffold00248_63570	Ca_desi_scaffold	63570	[T/G]	NA
Ca_Desi_Ch_scaffold00248_70517	Ca_desi_scaffold	70517	[T/C]	NA
Ca_Desi_Ch_scaffold00248_70534	Ca_desi_scaffold	70534	[A/T]	NA
Ca_Desi_Ch_scaffold00248_70577	Ca_desi_scaffold	70577	[G/C]	NA
Ca_Desi_Ch_scaffold00248_162554	Ca_desi_scaffold	162554	[C/T]	NA
Ca_Desi_Ch_scaffold00248_162653	Ca_desi_scaffold	162653	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00248_214559	Ca_desi_scaffold	214559	[A/G]	NA
Ca_Desi_Ch_scaffold00248_214580	Ca_desi_scaffold	214580	[T/C]	NA
Ca_Desi_Ch_scaffold00248_214583	Ca_desi_scaffold	214583	[T/G]	NA
Ca_Desi_Ch_scaffold00248_214597	Ca_desi_scaffold	214597	[T/C]	NA
Ca_Desi_Ch_scaffold00248_214614	Ca_desi_scaffold	214614	[T/C]	NA
Ca_Desi_Ch_scaffold00278_26130	Ca_desi_scaffold	26130	[A/T]	NA
Ca_Desi_Ch_scaffold00278_121056	Ca_desi_scaffold	121056	[T/G]	NA
Ca_Desi_Ch_scaffold00278_121130	Ca_desi_scaffold	121130	[T/C]	NA
Ca_Desi_Ch_scaffold00278_121138	Ca_desi_scaffold	121138	[A/G]	NA
Ca_Desi_Ch_scaffold00278_121166	Ca_desi_scaffold	121166	[A/T]	NA
Ca_Desi_Ch_scaffold00278_121201	Ca_desi_scaffold	121201	[T/C]	NA
Ca_Desi_Ch_scaffold00278_121469	Ca_desi_scaffold	121469	[A/C]	NA
Ca_Desi_Ch_scaffold00278_191165	Ca_desi_scaffold	191165	[T/G]	NA
Ca_Desi_Ch_scaffold00278_240090	Ca_desi_scaffold	240090	[C/A]	NA
Ca_Desi_Ch_scaffold00278_261010	Ca_desi_scaffold	261010	[T/G]	NA
Ca_Desi_Ch_scaffold00278_261013	Ca_desi_scaffold	261013	[T/C]	NA
Ca_Desi_Ch_scaffold00278_261019	Ca_desi_scaffold	261019	[T/C]	NA
Ca_Desi_Ch_scaffold00278_261023	Ca_desi_scaffold	261023	[A/G]	NA
Ca_Desi_Ch_scaffold00278_261031	Ca_desi_scaffold	261031	[T/C]	NA
Ca_Desi_Ch_scaffold00278_261036	Ca_desi_scaffold	261036	[A/G]	NA
Ca_Desi_Ch_scaffold00278_261037	Ca_desi_scaffold	261037	[A/G]	NA
Ca_Desi_Ch_scaffold00278_261047	Ca_desi_scaffold	261047	[A/G]	NA
Ca_Desi_Ch_scaffold00278_261056	Ca_desi_scaffold	261056	[T/C]	NA
Ca_Desi_Ch_scaffold00278_261059	Ca_desi_scaffold	261059	[T/C]	NA
Ca_Desi_Ch_scaffold00278_261063	Ca_desi_scaffold	261063	[A/G]	NA
Ca_Desi_Ch_scaffold06944_83503	Ca_desi_scaffold	83503	[T/G]	NA
Ca_Desi_Ch_scaffold06944_83571	Ca_desi_scaffold	83571	[T/C]	NA
Ca_Desi_Ch_scaffold06944_83578	Ca_desi_scaffold	83578	[A/C]	NA
Ca_Desi_Ch_scaffold06944_83584	Ca_desi_scaffold	83584	[A/G]	NA
Ca_Desi_Ch_scaffold06944_83595	Ca_desi_scaffold	83595	[T/G]	NA
Ca_Desi_Ch_scaffold06944_83597	Ca_desi_scaffold	83597	[T/G]	NA
Ca_Desi_Ch_scaffold06944_83611	Ca_desi_scaffold	83611	[A/G]	NA
Ca_Desi_Ch_scaffold06944_87350	Ca_desi_scaffold	87350	[T/G]	NA
Ca_Desi_Ch_scaffold06944_89377	Ca_desi_scaffold	89377	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold06944_106256	Ca_desi_scaffold	106256	[T/C]	NA
Ca_Desi_Ch_scaffold06944_151661	Ca_desi_scaffold	151661	[A/T]	NA
Ca_Desi_Ch_scaffold06944_151688	Ca_desi_scaffold	151688	[G/T]	NA
Ca_Desi_Ch_scaffold06944_151692	Ca_desi_scaffold	151692	[T/G]	NA
Ca_Desi_Ch_scaffold06944_151695	Ca_desi_scaffold	151695	[A/T]	NA
Ca_Desi_Ch_scaffold06944_151698	Ca_desi_scaffold	151698	[T/G]	NA
Ca_Desi_Ch_scaffold06944_151708	Ca_desi_scaffold	151708	[A/G]	NA
Ca_Desi_Ch_scaffold06944_151712	Ca_desi_scaffold	151712	[T/G]	NA
Ca_Desi_Ch_scaffold06944_151725	Ca_desi_scaffold	151725	[T/G]	NA
Ca_Desi_Ch_scaffold06944_151747	Ca_desi_scaffold	151747	[G/T]	NA
Ca_Desi_Ch_scaffold06944_151754	Ca_desi_scaffold	151754	[A/T]	NA
Ca_Desi_Ch_scaffold06944_151757	Ca_desi_scaffold	151757	[T/G]	NA
Ca_Desi_Ch_scaffold06944_151771	Ca_desi_scaffold	151771	[T/G]	NA
Ca_Desi_Ch_scaffold06944_151839	Ca_desi_scaffold	151839	[C/T]	NA
Ca_Desi_Ch_scaffold06944_151844	Ca_desi_scaffold	151844	[A/G]	NA
Ca_Desi_Ch_scaffold06944_151856	Ca_desi_scaffold	151856	[T/G]	NA
Ca_Desi_Ch_scaffold06944_151873	Ca_desi_scaffold	151873	[C/T]	NA
Ca_Desi_Ch_scaffold06944_151879	Ca_desi_scaffold	151879	[A/G]	NA
Ca_Desi_Ch_scaffold01236_338542	Ca_desi_scaffold	338542	[T/G]	NA
Ca_Desi_Ch_scaffold01236_434186	Ca_desi_scaffold	434186	[T/G]	NA
Ca_Desi_Ch_scaffold01236_434197	Ca_desi_scaffold	434197	[T/C]	NA
Ca_Desi_Ch_scaffold01236_434202	Ca_desi_scaffold	434202	[T/C]	NA
Ca_Desi_Ch_scaffold01236_434206	Ca_desi_scaffold	434206	[A/C]	NA
Ca_Desi_Ch_scaffold01236_434218	Ca_desi_scaffold	434218	[T/C]	NA
Ca_Desi_Ch_scaffold01236_439975	Ca_desi_scaffold	439975	[A/T]	NA
Ca_Desi_Ch_scaffold01236_439986	Ca_desi_scaffold	439986	[T/C]	NA
Ca_Desi_Ch_scaffold01236_439995	Ca_desi_scaffold	439995	[T/C]	NA
Ca_Desi_Ch_scaffold01236_440028	Ca_desi_scaffold	440028	[A/G]	NA
Ca_Desi_Ch_scaffold01236_440069	Ca_desi_scaffold	440069	[A/C]	NA
Ca_Desi_Ch_scaffold01236_440084	Ca_desi_scaffold	440084	[T/G]	NA
Ca_Desi_Ch_scaffold01236_440118	Ca_desi_scaffold	440118	[A/T]	NA
Ca_Desi_Ch_scaffold01236_479122	Ca_desi_scaffold	479122	[A/T]	NA
Ca_Desi_Ch_scaffold02278_135130	Ca_desi_scaffold	135130	[C/A]	NA
Ca_Desi_Ch_scaffold02278_253358	Ca_desi_scaffold	253358	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold02278_253697	Ca_desig_scaffold	253697	[C/T]	NA
Ca_Desig_Chr_scaffold02278_254382	Ca_desig_scaffold	254382	[T/G]	NA
Ca_Desig_Chr_scaffold02278_254402	Ca_desig_scaffold	254402	[A/G]	NA
Ca_Desig_Chr_scaffold02278_254688	Ca_desig_scaffold	254688	[T/C]	NA
Ca_Desig_Chr_scaffold02278_255917	Ca_desig_scaffold	255917	[A/G]	NA
Ca_Desig_Chr_scaffold02278_258109	Ca_desig_scaffold	258109	[C/A]	NA
Ca_Desig_Chr_scaffold02278_258112	Ca_desig_scaffold	258112	[A/G]	NA
Ca_Desig_Chr_scaffold02278_258121	Ca_desig_scaffold	258121	[A/C]	NA
Ca_Desig_Chr_scaffold02278_258137	Ca_desig_scaffold	258137	[T/C]	NA
Ca_Desig_Chr_scaffold02278_258152	Ca_desig_scaffold	258152	[T/G]	NA
Ca_Desig_Chr_scaffold02278_258165	Ca_desig_scaffold	258165	[T/A]	NA
Ca_Desig_Chr_scaffold02278_258212	Ca_desig_scaffold	258212	[T/G]	NA
Ca_Desig_Chr_scaffold02278_282914	Ca_desig_scaffold	282914	[G/A]	NA
Ca_Desig_Chr_scaffold02278_388175	Ca_desig_scaffold	388175	[G/A]	NA
Ca_Desig_Chr_scaffold02278_388191	Ca_desig_scaffold	388191	[T/C]	NA
Ca_Desig_Chr_scaffold00333_42155	Ca_desig_scaffold	42155	[T/C]	NA
Ca_Desig_Chr_scaffold00333_130915	Ca_desig_scaffold	130915	[T/C]	NA
Ca_Desig_Chr_scaffold00333_142347	Ca_desig_scaffold	142347	[T/A]	NA
Ca_Desig_Chr_scaffold00333_165554	Ca_desig_scaffold	165554	[T/G]	NA
Ca_Desig_Chr_scaffold00333_165573	Ca_desig_scaffold	165573	[T/G]	NA
Ca_Desig_Chr_scaffold00333_206249	Ca_desig_scaffold	206249	[A/T]	NA
Ca_Desig_Chr_scaffold00333_206257	Ca_desig_scaffold	206257	[T/C]	NA
Ca_Desig_Chr_scaffold02564_76057	Ca_desig_scaffold	76057	[T/G]	NA
Ca_Desig_Chr_scaffold02564_76064	Ca_desig_scaffold	76064	[A/G]	NA
Ca_Desig_Chr_scaffold02564_76066	Ca_desig_scaffold	76066	[T/C]	NA
Ca_Desig_Chr_scaffold02564_76101	Ca_desig_scaffold	76101	[T/A]	NA
Ca_Desig_Chr_scaffold02564_118022	Ca_desig_scaffold	118022	[T/C]	NA
Ca_Desig_Chr_scaffold00356_31433	Ca_desig_scaffold	31433	[T/G]	NA
Ca_Desig_Chr_scaffold00356_34303	Ca_desig_scaffold	34303	[T/G]	NA
Ca_Desig_Chr_scaffold00356_46676	Ca_desig_scaffold	46676	[C/T]	NA
Ca_Desig_Chr_scaffold00356_46686	Ca_desig_scaffold	46686	[A/G]	NA
Ca_Desig_Chr_scaffold00356_63211	Ca_desig_scaffold	63211	[C/A]	NA
Ca_Desig_Chr_scaffold00356_63212	Ca_desig_scaffold	63212	[T/G]	NA
Ca_Desig_Chr_scaffold00356_63213	Ca_desig_scaffold	63213	[G/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00356_63214	Ca_desig_scaffold	63214	[A/T]	NA
Ca_Desig_Chr_scaffold00356_63215	Ca_desig_scaffold	63215	[T/C]	NA
Ca_Desig_Chr_scaffold00356_64236	Ca_desig_scaffold	64236	[A/C]	NA
Ca_Desig_Chr_scaffold00356_67813	Ca_desig_scaffold	67813	[T/G]	NA
Ca_Desig_Chr_scaffold00356_67845	Ca_desig_scaffold	67845	[A/G]	NA
Ca_Desig_Chr_scaffold00356_80629	Ca_desig_scaffold	80629	[A/G]	NA
Ca_Desig_Chr_scaffold00356_80652	Ca_desig_scaffold	80652	[A/C]	NA
Ca_Desig_Chr_scaffold00356_80655	Ca_desig_scaffold	80655	[T/C]	NA
Ca_Desig_Chr_scaffold00356_80667	Ca_desig_scaffold	80667	[A/C]	NA
Ca_Desig_Chr_scaffold00356_80673	Ca_desig_scaffold	80673	[T/C]	NA
Ca_Desig_Chr_scaffold00356_80679	Ca_desig_scaffold	80679	[T/C]	NA
Ca_Desig_Chr_scaffold00356_176433	Ca_desig_scaffold	176433	[C/A]	NA
Ca_Desig_Chr_scaffold00356_176439	Ca_desig_scaffold	176439	[G/A]	NA
Ca_Desig_Chr_scaffold00356_237648	Ca_desig_scaffold	237648	[A/G]	NA
Ca_Desig_Chr_scaffold00356_237674	Ca_desig_scaffold	237674	[T/G]	NA
Ca_Desig_Chr_scaffold00356_237682	Ca_desig_scaffold	237682	[T/C]	NA
Ca_Desig_Chr_scaffold04453_1512	Ca_desig_scaffold	1512	[T/C]	NA
Ca_Desig_Chr_scaffold04453_94220	Ca_desig_scaffold	94220	[A/G]	NA
Ca_Desig_Chr_scaffold04453_94228	Ca_desig_scaffold	94228	[T/C]	NA
Ca_Desig_Chr_scaffold04453_94238	Ca_desig_scaffold	94238	[T/G]	NA
Ca_Desig_Chr_scaffold04453_94253	Ca_desig_scaffold	94253	[T/C]	NA
Ca_Desig_Chr_scaffold04453_161680	Ca_desig_scaffold	161680	[A/C]	NA
Ca_Desig_Chr_scaffold04453_161720	Ca_desig_scaffold	161720	[T/C]	NA
Ca_Desig_Chr_scaffold00977_78541	Ca_desig_scaffold	78541	[T/C]	NA
Ca_Desig_Chr_scaffold00977_124056	Ca_desig_scaffold	124056	[A/C]	NA
Ca_Desig_Chr_scaffold00977_124197	Ca_desig_scaffold	124197	[A/G]	NA
Ca_Desig_Chr_scaffold00977_124203	Ca_desig_scaffold	124203	[A/C]	NA
Ca_Desig_Chr_scaffold00977_124210	Ca_desig_scaffold	124210	[A/G]	NA
Ca_Desig_Chr_scaffold00977_124221	Ca_desig_scaffold	124221	[A/C]	NA
Ca_Desig_Chr_scaffold00977_124235	Ca_desig_scaffold	124235	[A/G]	NA
Ca_Desig_Chr_scaffold00977_124239	Ca_desig_scaffold	124239	[T/C]	NA
Ca_Desig_Chr_scaffold00977_124254	Ca_desig_scaffold	124254	[T/A]	NA
Ca_Desig_Chr_scaffold00977_153917	Ca_desig_scaffold	153917	[T/C]	NA
Ca_Desig_Chr_scaffold00977_153927	Ca_desig_scaffold	153927	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00977_210952	Ca_desi_scaffold	210952	[A/T]	NA
Ca_Desi_Ch_scaffold00977_243442	Ca_desi_scaffold	243442	[C/T]	NA
Ca_Desi_Ch_scaffold00977_259014	Ca_desi_scaffold	259014	[A/G]	NA
Ca_Desi_Ch_scaffold00977_259770	Ca_desi_scaffold	259770	[A/C]	NA
Ca_Desi_Ch_scaffold00977_259775	Ca_desi_scaffold	259775	[T/C]	NA
Ca_Desi_Ch_scaffold00977_259785	Ca_desi_scaffold	259785	[A/C]	NA
Ca_Desi_Ch_scaffold00376_18827	Ca_desi_scaffold	18827	[G/A]	NA
Ca_Desi_Ch_scaffold00376_63536	Ca_desi_scaffold	63536	[A/G]	NA
Ca_Desi_Ch_scaffold00376_174225	Ca_desi_scaffold	174225	[A/G]	NA
Ca_Desi_Ch_scaffold00390_11291	Ca_desi_scaffold	11291	[C/T]	NA
Ca_Desi_Ch_scaffold00390_20811	Ca_desi_scaffold	20811	[A/C]	NA
Ca_Desi_Ch_scaffold00390_57650	Ca_desi_scaffold	57650	[A/G]	NA
Ca_Desi_Ch_scaffold00390_57677	Ca_desi_scaffold	57677	[T/A]	NA
Ca_Desi_Ch_scaffold00390_97680	Ca_desi_scaffold	97680	[A/C]	NA
Ca_Desi_Ch_scaffold00390_102769	Ca_desi_scaffold	102769	[A/C]	NA
Ca_Desi_Ch_scaffold00390_102781	Ca_desi_scaffold	102781	[A/G]	NA
Ca_Desi_Ch_scaffold00390_102792	Ca_desi_scaffold	102792	[A/C]	NA
Ca_Desi_Ch_scaffold00390_102801	Ca_desi_scaffold	102801	[A/G]	NA
Ca_Desi_Ch_scaffold00390_102807	Ca_desi_scaffold	102807	[A/G]	NA
Ca_Desi_Ch_scaffold00390_127547	Ca_desi_scaffold	127547	[T/G]	NA
Ca_Desi_Ch_scaffold00390_127557	Ca_desi_scaffold	127557	[A/C]	NA
Ca_Desi_Ch_scaffold00390_127574	Ca_desi_scaffold	127574	[A/G]	NA
Ca_Desi_Ch_scaffold00390_127583	Ca_desi_scaffold	127583	[A/C]	NA
Ca_Desi_Ch_scaffold00390_128906	Ca_desi_scaffold	128906	[A/C]	NA
Ca_Desi_Ch_scaffold00390_128932	Ca_desi_scaffold	128932	[A/G]	NA
Ca_Desi_Ch_scaffold00390_128942	Ca_desi_scaffold	128942	[T/C]	NA
Ca_Desi_Ch_scaffold00390_128951	Ca_desi_scaffold	128951	[A/C]	NA
Ca_Desi_Ch_scaffold00390_156457	Ca_desi_scaffold	156457	[T/C]	NA
Ca_Desi_Ch_scaffold00390_156458	Ca_desi_scaffold	156458	[C/T]	NA
Ca_Desi_Ch_scaffold00390_156475	Ca_desi_scaffold	156475	[C/T]	NA
Ca_Desi_Ch_scaffold00390_156476	Ca_desi_scaffold	156476	[T/C]	NA
Ca_Desi_Ch_scaffold00390_156478	Ca_desi_scaffold	156478	[G/A]	NA
Ca_Desi_Ch_scaffold00390_156487	Ca_desi_scaffold	156487	[T/C]	NA
Ca_Desi_Ch_scaffold00390_156491	Ca_desi_scaffold	156491	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00390_156509	Ca_desig_scaffold	156509	[A/G]	NA
Ca_Desig_Chr_scaffold00401_726	Ca_desig_scaffold	726	[C/T]	NA
Ca_Desig_Chr_scaffold00401_805	Ca_desig_scaffold	805	[C/T]	NA
Ca_Desig_Chr_scaffold00401_179675	Ca_desig_scaffold	179675	[G/T]	NA
Ca_Desig_Chr_scaffold00401_179676	Ca_desig_scaffold	179676	[T/G]	NA
Ca_Desig_Chr_scaffold00401_179678	Ca_desig_scaffold	179678	[C/T]	NA
Ca_Desig_Chr_scaffold00401_179681	Ca_desig_scaffold	179681	[T/A]	NA
Ca_Desig_Chr_scaffold00401_179685	Ca_desig_scaffold	179685	[A/C]	NA
Ca_Desig_Chr_scaffold00401_179688	Ca_desig_scaffold	179688	[G/C]	NA
Ca_Desig_Chr_scaffold00401_179689	Ca_desig_scaffold	179689	[C/A]	NA
Ca_Desig_Chr_scaffold00401_179691	Ca_desig_scaffold	179691	[A/C]	NA
Ca_Desig_Chr_scaffold00401_219763	Ca_desig_scaffold	219763	[T/G]	NA
Ca_Desig_Chr_scaffold00401_219770	Ca_desig_scaffold	219770	[A/C]	NA
Ca_Desig_Chr_scaffold00401_219797	Ca_desig_scaffold	219797	[T/C]	NA
Ca_Desig_Chr_scaffold00415_19643	Ca_desig_scaffold	19643	[T/A]	NA
Ca_Desig_Chr_scaffold00415_19650	Ca_desig_scaffold	19650	[G/C]	NA
Ca_Desig_Chr_scaffold00415_25093	Ca_desig_scaffold	25093	[T/C]	NA
Ca_Desig_Chr_scaffold00415_25185	Ca_desig_scaffold	25185	[T/A]	NA
Ca_Desig_Chr_scaffold00415_25214	Ca_desig_scaffold	25214	[T/C]	NA
Ca_Desig_Chr_scaffold00415_37516	Ca_desig_scaffold	37516	[A/G]	NA
Ca_Desig_Chr_scaffold00415_39687	Ca_desig_scaffold	39687	[A/G]	NA
Ca_Desig_Chr_scaffold00415_227544	Ca_desig_scaffold	227544	[G/T]	NA
Ca_Desig_Chr_scaffold00415_227548	Ca_desig_scaffold	227548	[A/T]	NA
Ca_Desig_Chr_scaffold00416_87030	Ca_desig_scaffold	87030	[A/C]	NA
Ca_Desig_Chr_scaffold00416_136156	Ca_desig_scaffold	136156	[A/C]	NA
Ca_Desig_Chr_scaffold11144_34007	Ca_desig_scaffold	34007	[A/C]	NA
Ca_Desig_Chr_scaffold11144_34112	Ca_desig_scaffold	34112	[T/C]	NA
Ca_Desig_Chr_scaffold11144_34128	Ca_desig_scaffold	34128	[A/C]	NA
Ca_Desig_Chr_scaffold11144_53296	Ca_desig_scaffold	53296	[T/C]	NA
Ca_Desig_Chr_scaffold11144_53300	Ca_desig_scaffold	53300	[A/C]	NA
Ca_Desig_Chr_scaffold11144_53311	Ca_desig_scaffold	53311	[A/C]	NA
Ca_Desig_Chr_scaffold11144_53328	Ca_desig_scaffold	53328	[A/G]	NA
Ca_Desig_Chr_scaffold11144_53367	Ca_desig_scaffold	53367	[T/G]	NA
Ca_Desig_Chr_scaffold11144_53503	Ca_desig_scaffold	53503	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold11144_57614	Ca_desig_scaffold	57614	[T/C]	NA
Ca_Desig_Chr_scaffold11144_57633	Ca_desig_scaffold	57633	[T/A]	NA
Ca_Desig_Chr_scaffold11144_57730	Ca_desig_scaffold	57730	[G/A]	NA
Ca_Desig_Chr_scaffold11144_57736	Ca_desig_scaffold	57736	[T/G]	NA
Ca_Desig_Chr_scaffold11144_92342	Ca_desig_scaffold	92342	[A/G]	NA
Ca_Desig_Chr_scaffold11144_92344	Ca_desig_scaffold	92344	[T/C]	NA
Ca_Desig_Chr_scaffold11144_92355	Ca_desig_scaffold	92355	[T/C]	NA
Ca_Desig_Chr_scaffold11144_97856	Ca_desig_scaffold	97856	[T/C]	NA
Ca_Desig_Chr_scaffold11144_180066	Ca_desig_scaffold	180066	[G/C]	NA
Ca_Desig_Chr_scaffold11144_180071	Ca_desig_scaffold	180071	[T/G]	NA
Ca_Desig_Chr_scaffold11144_180081	Ca_desig_scaffold	180081	[A/G]	NA
Ca_Desig_Chr_scaffold11144_180087	Ca_desig_scaffold	180087	[A/G]	NA
Ca_Desig_Chr_scaffold00430_88344	Ca_desig_scaffold	88344	[G/A]	NA
Ca_Desig_Chr_scaffold00430_88352	Ca_desig_scaffold	88352	[C/T]	NA
Ca_Desig_Chr_scaffold01008_10460	Ca_desig_scaffold	10460	[T/C]	NA
Ca_Desig_Chr_scaffold01008_35001	Ca_desig_scaffold	35001	[A/C]	NA
Ca_Desig_Chr_scaffold00441_141648	Ca_desig_scaffold	141648	[T/C]	NA
Ca_Desig_Chr_scaffold00441_141685	Ca_desig_scaffold	141685	[A/G]	NA
Ca_Desig_Chr_scaffold13504_24544	Ca_desig_scaffold	24544	[A/C]	NA
Ca_Desig_Chr_scaffold13504_66258	Ca_desig_scaffold	66258	[T/C]	NA
Ca_Desig_Chr_scaffold13504_66278	Ca_desig_scaffold	66278	[G/A]	NA
Ca_Desig_Chr_scaffold13504_72692	Ca_desig_scaffold	72692	[A/G]	NA
Ca_Desig_Chr_scaffold13504_92921	Ca_desig_scaffold	92921	[T/C]	NA
Ca_Desig_Chr_scaffold13504_92930	Ca_desig_scaffold	92930	[A/G]	NA
Ca_Desig_Chr_scaffold13504_92936	Ca_desig_scaffold	92936	[T/C]	NA
Ca_Desig_Chr_scaffold13504_92950	Ca_desig_scaffold	92950	[A/G]	NA
Ca_Desig_Chr_scaffold13504_145901	Ca_desig_scaffold	145901	[T/C]	NA
Ca_Desig_Chr_scaffold13504_145903	Ca_desig_scaffold	145903	[T/C]	NA
Ca_Desig_Chr_scaffold13504_145905	Ca_desig_scaffold	145905	[G/T]	NA
Ca_Desig_Chr_scaffold00472_22527	Ca_desig_scaffold	22527	[A/T]	NA
Ca_Desig_Chr_scaffold00472_94938	Ca_desig_scaffold	94938	[T/G]	NA
Ca_Desig_Chr_scaffold00472_94939	Ca_desig_scaffold	94939	[G/A]	NA
Ca_Desig_Chr_scaffold00472_120402	Ca_desig_scaffold	120402	[C/A]	NA
Ca_Desig_Chr_scaffold00472_120410	Ca_desig_scaffold	120410	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00472_120450	Ca_desig_scaffold	120450	[T/A]	NA
Ca_Desig_Chr_scaffold00482_232234	Ca_desig_scaffold	232234	[T/G]	NA
Ca_Desig_Chr_scaffold00482_232246	Ca_desig_scaffold	232246	[C/A]	NA
Ca_Desig_Chr_scaffold00482_232247	Ca_desig_scaffold	232247	[T/G]	NA
Ca_Desig_Chr_scaffold00482_232286	Ca_desig_scaffold	232286	[A/G]	NA
Ca_Desig_Chr_scaffold00482_232287	Ca_desig_scaffold	232287	[C/T]	NA
Ca_Desig_Chr_scaffold00482_232295	Ca_desig_scaffold	232295	[G/A]	NA
Ca_Desig_Chr_scaffold00482_232319	Ca_desig_scaffold	232319	[C/A]	NA
Ca_Desig_Chr_scaffold00482_232323	Ca_desig_scaffold	232323	[C/T]	NA
Ca_Desig_Chr_scaffold00482_232360	Ca_desig_scaffold	232360	[T/C]	NA
Ca_Desig_Chr_scaffold00482_232384	Ca_desig_scaffold	232384	[A/C]	NA
Ca_Desig_Chr_scaffold00482_232410	Ca_desig_scaffold	232410	[T/G]	NA
Ca_Desig_Chr_scaffold00482_232431	Ca_desig_scaffold	232431	[T/G]	NA
Ca_Desig_Chr_scaffold00482_232457	Ca_desig_scaffold	232457	[T/G]	NA
Ca_Desig_Chr_scaffold00482_232488	Ca_desig_scaffold	232488	[C/G]	NA
Ca_Desig_Chr_scaffold00482_232539	Ca_desig_scaffold	232539	[T/G]	NA
Ca_Desig_Chr_scaffold00482_232589	Ca_desig_scaffold	232589	[A/G]	NA
Ca_Desig_Chr_scaffold00488_17583	Ca_desig_scaffold	17583	[T/C]	NA
Ca_Desig_Chr_scaffold00488_17585	Ca_desig_scaffold	17585	[G/C]	NA
Ca_Desig_Chr_scaffold00488_17591	Ca_desig_scaffold	17591	[A/G]	NA
Ca_Desig_Chr_scaffold00488_64537	Ca_desig_scaffold	64537	[T/C]	NA
Ca_Desig_Chr_scaffold00488_98612	Ca_desig_scaffold	98612	[T/G]	NA
Ca_Desig_Chr_scaffold00488_98693	Ca_desig_scaffold	98693	[T/C]	NA
Ca_Desig_Chr_scaffold00488_98764	Ca_desig_scaffold	98764	[C/T]	NA
Ca_Desig_Chr_scaffold00488_120769	Ca_desig_scaffold	120769	[C/T]	NA
Ca_Desig_Chr_scaffold00488_138651	Ca_desig_scaffold	138651	[A/G]	NA
Ca_Desig_Chr_scaffold00488_138674	Ca_desig_scaffold	138674	[C/G]	NA
Ca_Desig_Chr_scaffold00488_146435	Ca_desig_scaffold	146435	[T/C]	NA
Ca_Desig_Chr_scaffold00488_146453	Ca_desig_scaffold	146453	[T/G]	NA
Ca_Desig_Chr_scaffold00488_146690	Ca_desig_scaffold	146690	[C/A]	NA
Ca_Desig_Chr_scaffold00488_146692	Ca_desig_scaffold	146692	[A/C]	NA
Ca_Desig_Chr_scaffold00488_156236	Ca_desig_scaffold	156236	[T/C]	NA
Ca_Desig_Chr_scaffold00488_156237	Ca_desig_scaffold	156237	[A/G]	NA
Ca_Desig_Chr_scaffold00488_159684	Ca_desig_scaffold	159684	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00488_159688	Ca_desig_scaffold	159688	[A/G]	NA
Ca_Desig_Chr_scaffold00488_159785	Ca_desig_scaffold	159785	[A/G]	NA
Ca_Desig_Chr_scaffold00498_11332	Ca_desig_scaffold	11332	[T/G]	NA
Ca_Desig_Chr_scaffold00498_12537	Ca_desig_scaffold	12537	[A/G]	NA
Ca_Desig_Chr_scaffold00498_12572	Ca_desig_scaffold	12572	[T/G]	NA
Ca_Desig_Chr_scaffold00498_47620	Ca_desig_scaffold	47620	[T/G]	NA
Ca_Desig_Chr_scaffold00498_48336	Ca_desig_scaffold	48336	[A/G]	NA
Ca_Desig_Chr_scaffold00498_48357	Ca_desig_scaffold	48357	[T/C]	NA
Ca_Desig_Chr_scaffold00498_48360	Ca_desig_scaffold	48360	[A/C]	NA
Ca_Desig_Chr_scaffold00498_48378	Ca_desig_scaffold	48378	[T/A]	NA
Ca_Desig_Chr_scaffold00498_48379	Ca_desig_scaffold	48379	[A/G]	NA
Ca_Desig_Chr_scaffold00498_48385	Ca_desig_scaffold	48385	[A/G]	NA
Ca_Desig_Chr_scaffold00498_138069	Ca_desig_scaffold	138069	[A/T]	NA
Ca_Desig_Chr_scaffold00498_138094	Ca_desig_scaffold	138094	[T/C]	NA
Ca_Desig_Chr_scaffold00498_147441	Ca_desig_scaffold	147441	[T/C]	NA
Ca_Desig_Chr_scaffold00498_147450	Ca_desig_scaffold	147450	[A/G]	NA
Ca_Desig_Chr_scaffold00498_158328	Ca_desig_scaffold	158328	[T/G]	NA
Ca_Desig_Chr_scaffold00498_214772	Ca_desig_scaffold	214772	[T/G]	NA
Ca_Desig_Chr_scaffold00498_214782	Ca_desig_scaffold	214782	[T/G]	NA
Ca_Desig_Chr_scaffold00498_214818	Ca_desig_scaffold	214818	[A/T]	NA
Ca_Desig_Chr_scaffold00498_214953	Ca_desig_scaffold	214953	[T/A]	NA
Ca_Desig_Chr_scaffold00500_153867	Ca_desig_scaffold	153867	[G/T]	NA
Ca_Desig_Chr_scaffold00500_153892	Ca_desig_scaffold	153892	[T/C]	NA
Ca_Desig_Chr_scaffold00500_153911	Ca_desig_scaffold	153911	[C/T]	NA
Ca_Desig_Chr_scaffold03162_229136	Ca_desig_scaffold	229136	[A/C]	NA
Ca_Desig_Chr_scaffold03162_229146	Ca_desig_scaffold	229146	[A/C]	NA
Ca_Desig_Chr_scaffold03162_229153	Ca_desig_scaffold	229153	[T/C]	NA
Ca_Desig_Chr_scaffold03162_229155	Ca_desig_scaffold	229155	[G/T]	NA
Ca_Desig_Chr_scaffold03162_229162	Ca_desig_scaffold	229162	[T/C]	NA
Ca_Desig_Chr_scaffold03162_261878	Ca_desig_scaffold	261878	[T/C]	NA
Ca_Desig_Chr_scaffold03162_261897	Ca_desig_scaffold	261897	[T/C]	NA
Ca_Desig_Chr_scaffold03162_261938	Ca_desig_scaffold	261938	[A/T]	NA
Ca_Desig_Chr_scaffold01149_20345	Ca_desig_scaffold	20345	[T/G]	NA
Ca_Desig_Chr_scaffold01149_20347	Ca_desig_scaffold	20347	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold01149_20356	Ca_desig_scaffold	20356	[A/C]	NA
Ca_DesigChr_scaffold01149_20357	Ca_desig_scaffold	20357	[A/G]	NA
Ca_DesigChr_scaffold01149_20358	Ca_desig_scaffold	20358	[A/G]	NA
Ca_DesigChr_scaffold01149_22198	Ca_desig_scaffold	22198	[A/C]	NA
Ca_DesigChr_scaffold01149_22209	Ca_desig_scaffold	22209	[A/C]	NA
Ca_DesigChr_scaffold01149_144862	Ca_desig_scaffold	144862	[A/G]	NA
Ca_DesigChr_scaffold01149_231983	Ca_desig_scaffold	231983	[T/G]	NA
Ca_DesigChr_scaffold00514_66060	Ca_desig_scaffold	66060	[T/G]	NA
Ca_DesigChr_scaffold00514_66075	Ca_desig_scaffold	66075	[A/C]	NA
Ca_DesigChr_scaffold00514_66080	Ca_desig_scaffold	66080	[A/G]	NA
Ca_DesigChr_scaffold00514_66094	Ca_desig_scaffold	66094	[T/G]	NA
Ca_DesigChr_scaffold00514_66101	Ca_desig_scaffold	66101	[T/C]	NA
Ca_DesigChr_scaffold00514_179182	Ca_desig_scaffold	179182	[T/C]	NA
Ca_DesigChr_scaffold00514_195426	Ca_desig_scaffold	195426	[A/G]	NA
Ca_DesigChr_scaffold00514_195436	Ca_desig_scaffold	195436	[T/G]	NA
Ca_DesigChr_scaffold00514_195442	Ca_desig_scaffold	195442	[A/G]	NA
Ca_DesigChr_scaffold00514_206739	Ca_desig_scaffold	206739	[T/A]	NA
Ca_DesigChr_scaffold00514_206835	Ca_desig_scaffold	206835	[A/C]	NA
Ca_DesigChr_scaffold00514_206854	Ca_desig_scaffold	206854	[A/T]	NA
Ca_DesigChr_scaffold00514_206873	Ca_desig_scaffold	206873	[T/C]	NA
Ca_DesigChr_scaffold00514_206878	Ca_desig_scaffold	206878	[C/A]	NA
Ca_DesigChr_scaffold00514_206886	Ca_desig_scaffold	206886	[A/G]	NA
Ca_DesigChr_scaffold00514_206907	Ca_desig_scaffold	206907	[T/C]	NA
Ca_DesigChr_scaffold00514_206916	Ca_desig_scaffold	206916	[T/C]	NA
Ca_DesigChr_scaffold00934_148429	Ca_desig_scaffold	148429	[G/T]	NA
Ca_DesigChr_scaffold00934_148438	Ca_desig_scaffold	148438	[T/A]	NA
Ca_DesigChr_scaffold00934_148444	Ca_desig_scaffold	148444	[G/T]	NA
Ca_DesigChr_scaffold00934_152760	Ca_desig_scaffold	152760	[A/G]	NA
Ca_DesigChr_scaffold00934_152790	Ca_desig_scaffold	152790	[T/G]	NA
Ca_DesigChr_scaffold00934_258008	Ca_desig_scaffold	258008	[C/G]	NA
Ca_DesigChr_scaffold00934_258009	Ca_desig_scaffold	258009	[C/A]	NA
Ca_DesigChr_scaffold00934_258383	Ca_desig_scaffold	258383	[T/C]	NA
Ca_DesigChr_scaffold00934_258386	Ca_desig_scaffold	258386	[T/C]	NA
Ca_DesigChr_scaffold00934_258387	Ca_desig_scaffold	258387	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00934_258390	Ca_desi_scaffold	258390	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258391	Ca_desi_scaffold	258391	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258393	Ca_desi_scaffold	258393	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258397	Ca_desi_scaffold	258397	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258399	Ca_desi_scaffold	258399	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258400	Ca_desi_scaffold	258400	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258403	Ca_desi_scaffold	258403	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258404	Ca_desi_scaffold	258404	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258405	Ca_desi_scaffold	258405	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258407	Ca_desi_scaffold	258407	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258409	Ca_desi_scaffold	258409	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258410	Ca_desi_scaffold	258410	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258412	Ca_desi_scaffold	258412	[C/A]	NA
Ca_Desi_Ch_scaffold00934_258414	Ca_desi_scaffold	258414	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258415	Ca_desi_scaffold	258415	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258416	Ca_desi_scaffold	258416	[G/A]	NA
Ca_Desi_Ch_scaffold00934_258418	Ca_desi_scaffold	258418	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258421	Ca_desi_scaffold	258421	[G/A]	NA
Ca_Desi_Ch_scaffold00934_258424	Ca_desi_scaffold	258424	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258426	Ca_desi_scaffold	258426	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258428	Ca_desi_scaffold	258428	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258429	Ca_desi_scaffold	258429	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258430	Ca_desi_scaffold	258430	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258432	Ca_desi_scaffold	258432	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258433	Ca_desi_scaffold	258433	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258434	Ca_desi_scaffold	258434	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258436	Ca_desi_scaffold	258436	[G/A]	NA
Ca_Desi_Ch_scaffold00934_258438	Ca_desi_scaffold	258438	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258439	Ca_desi_scaffold	258439	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258440	Ca_desi_scaffold	258440	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258441	Ca_desi_scaffold	258441	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258609	Ca_desi_scaffold	258609	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258610	Ca_desi_scaffold	258610	[G/T]	NA
Ca_Desi_Ch_scaffold00934_258612	Ca_desi_scaffold	258612	[G/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00934_258614	Ca_desi_scaffold	258614	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258615	Ca_desi_scaffold	258615	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258617	Ca_desi_scaffold	258617	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258620	Ca_desi_scaffold	258620	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258621	Ca_desi_scaffold	258621	[G/A]	NA
Ca_Desi_Ch_scaffold00934_258622	Ca_desi_scaffold	258622	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258623	Ca_desi_scaffold	258623	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258624	Ca_desi_scaffold	258624	[G/C]	NA
Ca_Desi_Ch_scaffold00934_258627	Ca_desi_scaffold	258627	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258632	Ca_desi_scaffold	258632	[T/G]	NA
Ca_Desi_Ch_scaffold00934_258637	Ca_desi_scaffold	258637	[A/C]	NA
Ca_Desi_Ch_scaffold00934_258638	Ca_desi_scaffold	258638	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258639	Ca_desi_scaffold	258639	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258642	Ca_desi_scaffold	258642	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258645	Ca_desi_scaffold	258645	[G/A]	NA
Ca_Desi_Ch_scaffold00934_258647	Ca_desi_scaffold	258647	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258648	Ca_desi_scaffold	258648	[G/A]	NA
Ca_Desi_Ch_scaffold00934_258649	Ca_desi_scaffold	258649	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258652	Ca_desi_scaffold	258652	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258653	Ca_desi_scaffold	258653	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258656	Ca_desi_scaffold	258656	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258657	Ca_desi_scaffold	258657	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258660	Ca_desi_scaffold	258660	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258664	Ca_desi_scaffold	258664	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258665	Ca_desi_scaffold	258665	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258666	Ca_desi_scaffold	258666	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258668	Ca_desi_scaffold	258668	[C/A]	NA
Ca_Desi_Ch_scaffold00934_258674	Ca_desi_scaffold	258674	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258675	Ca_desi_scaffold	258675	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258676	Ca_desi_scaffold	258676	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258677	Ca_desi_scaffold	258677	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258678	Ca_desi_scaffold	258678	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258679	Ca_desi_scaffold	258679	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258680	Ca_desi_scaffold	258680	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00934_258681	Ca_desig_scaffold	258681	[A/G]	NA
Ca_Desig_Chr_scaffold00934_258682	Ca_desig_scaffold	258682	[A/G]	NA
Ca_Desig_Chr_scaffold00934_258684	Ca_desig_scaffold	258684	[C/T]	NA
Ca_Desig_Chr_scaffold00934_258685	Ca_desig_scaffold	258685	[T/C]	NA
Ca_Desig_Chr_scaffold00934_258687	Ca_desig_scaffold	258687	[T/C]	NA
Ca_Desig_Chr_scaffold00934_258688	Ca_desig_scaffold	258688	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258689	Ca_desig_scaffold	258689	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258690	Ca_desig_scaffold	258690	[T/C]	NA
Ca_Desig_Chr_scaffold00934_258691	Ca_desig_scaffold	258691	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258692	Ca_desig_scaffold	258692	[C/T]	NA
Ca_Desig_Chr_scaffold00934_258693	Ca_desig_scaffold	258693	[C/T]	NA
Ca_Desig_Chr_scaffold00934_258694	Ca_desig_scaffold	258694	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258695	Ca_desig_scaffold	258695	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258697	Ca_desig_scaffold	258697	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258698	Ca_desig_scaffold	258698	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258699	Ca_desig_scaffold	258699	[A/G]	NA
Ca_Desig_Chr_scaffold00934_258701	Ca_desig_scaffold	258701	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258703	Ca_desig_scaffold	258703	[T/C]	NA
Ca_Desig_Chr_scaffold00934_258704	Ca_desig_scaffold	258704	[T/C]	NA
Ca_Desig_Chr_scaffold00934_258705	Ca_desig_scaffold	258705	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258706	Ca_desig_scaffold	258706	[A/G]	NA
Ca_Desig_Chr_scaffold00934_258707	Ca_desig_scaffold	258707	[C/T]	NA
Ca_Desig_Chr_scaffold00934_258708	Ca_desig_scaffold	258708	[C/T]	NA
Ca_Desig_Chr_scaffold00934_258709	Ca_desig_scaffold	258709	[T/C]	NA
Ca_Desig_Chr_scaffold00934_258710	Ca_desig_scaffold	258710	[C/T]	NA
Ca_Desig_Chr_scaffold00934_258711	Ca_desig_scaffold	258711	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258712	Ca_desig_scaffold	258712	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258713	Ca_desig_scaffold	258713	[C/T]	NA
Ca_Desig_Chr_scaffold00934_258714	Ca_desig_scaffold	258714	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258716	Ca_desig_scaffold	258716	[C/T]	NA
Ca_Desig_Chr_scaffold00934_258717	Ca_desig_scaffold	258717	[G/A]	NA
Ca_Desig_Chr_scaffold00934_258718	Ca_desig_scaffold	258718	[A/G]	NA
Ca_Desig_Chr_scaffold00934_258719	Ca_desig_scaffold	258719	[T/C]	NA
Ca_Desig_Chr_scaffold00934_258721	Ca_desig_scaffold	258721	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00934_258724	Ca_desig_scaffold	258724	[A/G]	NA
Ca_DesigChr_scaffold00934_258725	Ca_desig_scaffold	258725	[T/C]	NA
Ca_DesigChr_scaffold00934_258726	Ca_desig_scaffold	258726	[T/C]	NA
Ca_DesigChr_scaffold00934_258727	Ca_desig_scaffold	258727	[A/G]	NA
Ca_DesigChr_scaffold00934_258728	Ca_desig_scaffold	258728	[A/G]	NA
Ca_DesigChr_scaffold00934_258730	Ca_desig_scaffold	258730	[G/A]	NA
Ca_DesigChr_scaffold00934_258732	Ca_desig_scaffold	258732	[G/A]	NA
Ca_DesigChr_scaffold00934_258733	Ca_desig_scaffold	258733	[C/T]	NA
Ca_DesigChr_scaffold00934_258745	Ca_desig_scaffold	258745	[C/G]	NA
Ca_DesigChr_scaffold00934_258746	Ca_desig_scaffold	258746	[G/A]	NA
Ca_DesigChr_scaffold00934_258747	Ca_desig_scaffold	258747	[C/T]	NA
Ca_DesigChr_scaffold00934_258748	Ca_desig_scaffold	258748	[A/G]	NA
Ca_DesigChr_scaffold00934_258749	Ca_desig_scaffold	258749	[A/G]	NA
Ca_DesigChr_scaffold00934_258750	Ca_desig_scaffold	258750	[C/T]	NA
Ca_DesigChr_scaffold00934_258751	Ca_desig_scaffold	258751	[G/A]	NA
Ca_DesigChr_scaffold00934_258752	Ca_desig_scaffold	258752	[T/C]	NA
Ca_DesigChr_scaffold00934_258753	Ca_desig_scaffold	258753	[C/T]	NA
Ca_DesigChr_scaffold00934_258754	Ca_desig_scaffold	258754	[A/G]	NA
Ca_DesigChr_scaffold00934_258755	Ca_desig_scaffold	258755	[A/G]	NA
Ca_DesigChr_scaffold00934_258756	Ca_desig_scaffold	258756	[G/A]	NA
Ca_DesigChr_scaffold00934_258757	Ca_desig_scaffold	258757	[A/G]	NA
Ca_DesigChr_scaffold00934_258758	Ca_desig_scaffold	258758	[T/C]	NA
Ca_DesigChr_scaffold00934_258759	Ca_desig_scaffold	258759	[C/T]	NA
Ca_DesigChr_scaffold00934_258760	Ca_desig_scaffold	258760	[G/A]	NA
Ca_DesigChr_scaffold00934_258761	Ca_desig_scaffold	258761	[T/C]	NA
Ca_DesigChr_scaffold00934_258762	Ca_desig_scaffold	258762	[G/A]	NA
Ca_DesigChr_scaffold00934_258763	Ca_desig_scaffold	258763	[G/A]	NA
Ca_DesigChr_scaffold00934_258764	Ca_desig_scaffold	258764	[T/C]	NA
Ca_DesigChr_scaffold00934_258765	Ca_desig_scaffold	258765	[G/A]	NA
Ca_DesigChr_scaffold00934_258766	Ca_desig_scaffold	258766	[C/T]	NA
Ca_DesigChr_scaffold00934_258767	Ca_desig_scaffold	258767	[A/G]	NA
Ca_DesigChr_scaffold00934_258768	Ca_desig_scaffold	258768	[C/T]	NA
Ca_DesigChr_scaffold00934_258769	Ca_desig_scaffold	258769	[A/G]	NA
Ca_DesigChr_scaffold00934_258770	Ca_desig_scaffold	258770	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00934_258771	Ca_desi_scaffold	258771	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258772	Ca_desi_scaffold	258772	[G/A]	NA
Ca_Desi_Ch_scaffold00934_258773	Ca_desi_scaffold	258773	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258774	Ca_desi_scaffold	258774	[G/A]	NA
Ca_Desi_Ch_scaffold00934_258775	Ca_desi_scaffold	258775	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258776	Ca_desi_scaffold	258776	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258778	Ca_desi_scaffold	258778	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258779	Ca_desi_scaffold	258779	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258780	Ca_desi_scaffold	258780	[G/T]	NA
Ca_Desi_Ch_scaffold00934_258781	Ca_desi_scaffold	258781	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258782	Ca_desi_scaffold	258782	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258783	Ca_desi_scaffold	258783	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258784	Ca_desi_scaffold	258784	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258785	Ca_desi_scaffold	258785	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258786	Ca_desi_scaffold	258786	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258788	Ca_desi_scaffold	258788	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258789	Ca_desi_scaffold	258789	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258790	Ca_desi_scaffold	258790	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258791	Ca_desi_scaffold	258791	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258792	Ca_desi_scaffold	258792	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258793	Ca_desi_scaffold	258793	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258794	Ca_desi_scaffold	258794	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258795	Ca_desi_scaffold	258795	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258796	Ca_desi_scaffold	258796	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258797	Ca_desi_scaffold	258797	[A/G]	NA
Ca_Desi_Ch_scaffold00934_258798	Ca_desi_scaffold	258798	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258800	Ca_desi_scaffold	258800	[C/T]	NA
Ca_Desi_Ch_scaffold00934_258801	Ca_desi_scaffold	258801	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258802	Ca_desi_scaffold	258802	[G/A]	NA
Ca_Desi_Ch_scaffold00934_258803	Ca_desi_scaffold	258803	[T/C]	NA
Ca_Desi_Ch_scaffold00934_258804	Ca_desi_scaffold	258804	[G/A]	NA
Ca_Desi_Ch_scaffold00934_258810	Ca_desi_scaffold	258810	[A/T]	NA
Ca_Desi_Ch_scaffold00934_259359	Ca_desi_scaffold	259359	[T/G]	NA
Ca_Desi_Ch_scaffold00934_259414	Ca_desi_scaffold	259414	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00934_309383	Ca_desi_scaffold	309383	[A/T]	NA
Ca_Desi_Ch_scaffold00934_309386	Ca_desi_scaffold	309386	[C/T]	NA
Ca_Desi_Ch_scaffold03129_75648	Ca_desi_scaffold	75648	[T/C]	NA
Ca_Desi_Ch_scaffold03129_75708	Ca_desi_scaffold	75708	[A/G]	NA
Ca_Desi_Ch_scaffold03129_179818	Ca_desi_scaffold	179818	[T/C]	NA
Ca_Desi_Ch_scaffold03129_181659	Ca_desi_scaffold	181659	[T/G]	NA
Ca_Desi_Ch_scaffold17235_225204	Ca_desi_scaffold	225204	[A/G]	NA
Ca_Desi_Ch_scaffold02032_10216	Ca_desi_scaffold	10216	[A/T]	NA
Ca_Desi_Ch_scaffold02032_10250	Ca_desi_scaffold	10250	[C/T]	NA
Ca_Desi_Ch_scaffold02032_18604	Ca_desi_scaffold	18604	[A/G]	NA
Ca_Desi_Ch_scaffold02032_19666	Ca_desi_scaffold	19666	[T/A]	NA
Ca_Desi_Ch_scaffold02032_27866	Ca_desi_scaffold	27866	[C/T]	NA
Ca_Desi_Ch_scaffold02032_34791	Ca_desi_scaffold	34791	[C/A]	NA
Ca_Desi_Ch_scaffold02032_34923	Ca_desi_scaffold	34923	[T/C]	NA
Ca_Desi_Ch_scaffold02032_97443	Ca_desi_scaffold	97443	[T/G]	NA
Ca_Desi_Ch_scaffold02032_97451	Ca_desi_scaffold	97451	[T/G]	NA
Ca_Desi_Ch_scaffold02032_97453	Ca_desi_scaffold	97453	[G/T]	NA
Ca_Desi_Ch_scaffold02032_149959	Ca_desi_scaffold	149959	[A/T]	NA
Ca_Desi_Ch_scaffold02032_151760	Ca_desi_scaffold	151760	[T/C]	NA
Ca_Desi_Ch_scaffold02032_152932	Ca_desi_scaffold	152932	[A/G]	NA
Ca_Desi_Ch_scaffold02032_279284	Ca_desi_scaffold	279284	[T/G]	NA
Ca_Desi_Ch_scaffold02032_297800	Ca_desi_scaffold	297800	[C/A]	NA
Ca_Desi_Ch_scaffold02032_299879	Ca_desi_scaffold	299879	[A/C]	NA
Ca_Desi_Ch_scaffold02032_299898	Ca_desi_scaffold	299898	[T/A]	NA
Ca_Desi_Ch_scaffold05105_40512	Ca_desi_scaffold	40512	[T/G]	NA
Ca_Desi_Ch_scaffold05105_43989	Ca_desi_scaffold	43989	[T/C]	NA
Ca_Desi_Ch_scaffold05105_44007	Ca_desi_scaffold	44007	[T/C]	NA
Ca_Desi_Ch_scaffold05105_202655	Ca_desi_scaffold	202655	[A/G]	NA
Ca_Desi_Ch_scaffold05105_202672	Ca_desi_scaffold	202672	[T/G]	NA
Ca_Desi_Ch_scaffold05105_202684	Ca_desi_scaffold	202684	[A/G]	NA
Ca_Desi_Ch_scaffold05105_202706	Ca_desi_scaffold	202706	[A/G]	NA
Ca_Desi_Ch_scaffold01997_167105	Ca_desi_scaffold	167105	[T/G]	NA
Ca_Desi_Ch_scaffold01997_167132	Ca_desi_scaffold	167132	[A/T]	NA
Ca_Desi_Ch_scaffold01997_188716	Ca_desi_scaffold	188716	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold03653_11005	Ca_desig_scaffold	11005	[T/G]	NA
Ca_Desig_Chr_scaffold03653_11017	Ca_desig_scaffold	11017	[A/C]	NA
Ca_Desig_Chr_scaffold03653_11062	Ca_desig_scaffold	11062	[T/G]	NA
Ca_Desig_Chr_scaffold03653_11068	Ca_desig_scaffold	11068	[T/C]	NA
Ca_Desig_Chr_scaffold03653_11078	Ca_desig_scaffold	11078	[T/C]	NA
Ca_Desig_Chr_scaffold03653_11104	Ca_desig_scaffold	11104	[T/C]	NA
Ca_Desig_Chr_scaffold03653_11111	Ca_desig_scaffold	11111	[A/G]	NA
Ca_Desig_Chr_scaffold03653_11126	Ca_desig_scaffold	11126	[T/C]	NA
Ca_Desig_Chr_scaffold03653_12022	Ca_desig_scaffold	12022	[T/C]	NA
Ca_Desig_Chr_scaffold03653_12024	Ca_desig_scaffold	12024	[A/C]	NA
Ca_Desig_Chr_scaffold03653_12032	Ca_desig_scaffold	12032	[A/G]	NA
Ca_Desig_Chr_scaffold03653_12035	Ca_desig_scaffold	12035	[T/C]	NA
Ca_Desig_Chr_scaffold03653_12050	Ca_desig_scaffold	12050	[A/G]	NA
Ca_Desig_Chr_scaffold03653_12063	Ca_desig_scaffold	12063	[A/G]	NA
Ca_Desig_Chr_scaffold03653_141016	Ca_desig_scaffold	141016	[A/T]	NA
Ca_Desig_Chr_scaffold05945_8513	Ca_desig_scaffold	8513	[A/T]	NA
Ca_Desig_Chr_scaffold05945_8516	Ca_desig_scaffold	8516	[A/T]	NA
Ca_Desig_Chr_scaffold05945_8520	Ca_desig_scaffold	8520	[T/C]	NA
Ca_Desig_Chr_scaffold05945_8523	Ca_desig_scaffold	8523	[T/C]	NA
Ca_Desig_Chr_scaffold05945_8525	Ca_desig_scaffold	8525	[C/T]	NA
Ca_Desig_Chr_scaffold05945_8526	Ca_desig_scaffold	8526	[A/C]	NA
Ca_Desig_Chr_scaffold05945_8548	Ca_desig_scaffold	8548	[A/G]	NA
Ca_Desig_Chr_scaffold05945_8551	Ca_desig_scaffold	8551	[T/A]	NA
Ca_Desig_Chr_scaffold05945_8613	Ca_desig_scaffold	8613	[C/A]	NA
Ca_Desig_Chr_scaffold05945_47208	Ca_desig_scaffold	47208	[A/C]	NA
Ca_Desig_Chr_scaffold05945_184695	Ca_desig_scaffold	184695	[C/T]	NA
Ca_Desig_Chr_scaffold05945_184697	Ca_desig_scaffold	184697	[C/T]	NA
Ca_Desig_Chr_scaffold05945_184782	Ca_desig_scaffold	184782	[A/T]	NA
Ca_Desig_Chr_scaffold09348_21203	Ca_desig_scaffold	21203	[C/T]	NA
Ca_Desig_Chr_scaffold09348_218745	Ca_desig_scaffold	218745	[G/T]	NA
Ca_Desig_Chr_scaffold01004_97286	Ca_desig_scaffold	97286	[T/G]	NA
Ca_Desig_Chr_scaffold01004_97377	Ca_desig_scaffold	97377	[A/C]	NA
Ca_Desig_Chr_scaffold01004_230903	Ca_desig_scaffold	230903	[T/G]	NA
Ca_Desig_Chr_scaffold00608_95319	Ca_desig_scaffold	95319	[G/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00608_95326	Ca_desi_scaffold	95326	[T/C]	NA
Ca_Desi_Ch_scaffold00608_98072	Ca_desi_scaffold	98072	[T/C]	NA
Ca_Desi_Ch_scaffold00608_112855	Ca_desi_scaffold	112855	[T/G]	NA
Ca_Desi_Ch_scaffold00608_131481	Ca_desi_scaffold	131481	[C/G]	NA
Ca_Desi_Ch_scaffold00608_132277	Ca_desi_scaffold	132277	[T/G]	NA
Ca_Desi_Ch_scaffold00609_82728	Ca_desi_scaffold	82728	[C/T]	NA
Ca_Desi_Ch_scaffold00609_88028	Ca_desi_scaffold	88028	[C/T]	NA
Ca_Desi_Ch_scaffold00609_90321	Ca_desi_scaffold	90321	[A/G]	NA
Ca_Desi_Ch_scaffold00609_98741	Ca_desi_scaffold	98741	[G/A]	NA
Ca_Desi_Ch_scaffold00609_103362	Ca_desi_scaffold	103362	[G/A]	NA
Ca_Desi_Ch_scaffold00609_103816	Ca_desi_scaffold	103816	[T/G]	NA
Ca_Desi_Ch_scaffold00609_103839	Ca_desi_scaffold	103839	[A/C]	NA
Ca_Desi_Ch_scaffold00609_103852	Ca_desi_scaffold	103852	[A/G]	NA
Ca_Desi_Ch_scaffold00609_107480	Ca_desi_scaffold	107480	[A/C]	NA
Ca_Desi_Ch_scaffold00609_107554	Ca_desi_scaffold	107554	[A/G]	NA
Ca_Desi_Ch_scaffold00609_107643	Ca_desi_scaffold	107643	[A/T]	NA
Ca_Desi_Ch_scaffold00609_107682	Ca_desi_scaffold	107682	[A/C]	NA
Ca_Desi_Ch_scaffold00609_108752	Ca_desi_scaffold	108752	[A/G]	NA
Ca_Desi_Ch_scaffold00609_108754	Ca_desi_scaffold	108754	[A/G]	NA
Ca_Desi_Ch_scaffold00609_108803	Ca_desi_scaffold	108803	[A/G]	NA
Ca_Desi_Ch_scaffold00609_108824	Ca_desi_scaffold	108824	[A/C]	NA
Ca_Desi_Ch_scaffold00609_108827	Ca_desi_scaffold	108827	[T/C]	NA
Ca_Desi_Ch_scaffold00609_108846	Ca_desi_scaffold	108846	[G/T]	NA
Ca_Desi_Ch_scaffold00609_108864	Ca_desi_scaffold	108864	[G/A]	NA
Ca_Desi_Ch_scaffold00609_108885	Ca_desi_scaffold	108885	[C/T]	NA
Ca_Desi_Ch_scaffold00609_108893	Ca_desi_scaffold	108893	[C/A]	NA
Ca_Desi_Ch_scaffold00609_108895	Ca_desi_scaffold	108895	[A/C]	NA
Ca_Desi_Ch_scaffold00609_108915	Ca_desi_scaffold	108915	[T/C]	NA
Ca_Desi_Ch_scaffold00609_108926	Ca_desi_scaffold	108926	[T/G]	NA
Ca_Desi_Ch_scaffold00609_108929	Ca_desi_scaffold	108929	[T/A]	NA
Ca_Desi_Ch_scaffold00609_109153	Ca_desi_scaffold	109153	[C/T]	NA
Ca_Desi_Ch_scaffold00609_109266	Ca_desi_scaffold	109266	[A/G]	NA
Ca_Desi_Ch_scaffold00609_109304	Ca_desi_scaffold	109304	[C/T]	NA
Ca_Desi_Ch_scaffold00609_109320	Ca_desi_scaffold	109320	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00609_111070	Ca_desi_scaffold	111070	[A/G]	NA
Ca_Desi_Ch_scaffold00609_111691	Ca_desi_scaffold	111691	[G/C]	NA
Ca_Desi_Ch_scaffold00609_111849	Ca_desi_scaffold	111849	[A/C]	NA
Ca_Desi_Ch_scaffold00609_114751	Ca_desi_scaffold	114751	[G/A]	NA
Ca_Desi_Ch_scaffold00609_114793	Ca_desi_scaffold	114793	[T/A]	NA
Ca_Desi_Ch_scaffold00609_115157	Ca_desi_scaffold	115157	[T/G]	NA
Ca_Desi_Ch_scaffold00609_116688	Ca_desi_scaffold	116688	[G/T]	NA
Ca_Desi_Ch_scaffold00609_116693	Ca_desi_scaffold	116693	[T/A]	NA
Ca_Desi_Ch_scaffold00609_116704	Ca_desi_scaffold	116704	[A/C]	NA
Ca_Desi_Ch_scaffold00609_116871	Ca_desi_scaffold	116871	[T/C]	NA
Ca_Desi_Ch_scaffold00609_119699	Ca_desi_scaffold	119699	[A/G]	NA
Ca_Desi_Ch_scaffold00609_121949	Ca_desi_scaffold	121949	[A/G]	NA
Ca_Desi_Ch_scaffold00609_121981	Ca_desi_scaffold	121981	[G/A]	NA
Ca_Desi_Ch_scaffold00609_122141	Ca_desi_scaffold	122141	[G/T]	NA
Ca_Desi_Ch_scaffold00609_122457	Ca_desi_scaffold	122457	[A/G]	NA
Ca_Desi_Ch_scaffold00612_210100	Ca_desi_scaffold	210100	[A/C]	NA
Ca_Desi_Ch_scaffold00612_210107	Ca_desi_scaffold	210107	[A/C]	NA
Ca_Desi_Ch_scaffold00617_19091	Ca_desi_scaffold	19091	[G/A]	NA
Ca_Desi_Ch_scaffold00617_19093	Ca_desi_scaffold	19093	[C/A]	NA
Ca_Desi_Ch_scaffold00617_90413	Ca_desi_scaffold	90413	[A/C]	NA
Ca_Desi_Ch_scaffold00617_110147	Ca_desi_scaffold	110147	[A/G]	NA
Ca_Desi_Ch_scaffold00617_110160	Ca_desi_scaffold	110160	[T/C]	NA
Ca_Desi_Ch_scaffold00617_193995	Ca_desi_scaffold	193995	[T/C]	NA
Ca_Desi_Ch_scaffold00618_72123	Ca_desi_scaffold	72123	[C/T]	NA
Ca_Desi_Ch_scaffold00618_72156	Ca_desi_scaffold	72156	[A/G]	NA
Ca_Desi_Ch_scaffold00618_72160	Ca_desi_scaffold	72160	[G/A]	NA
Ca_Desi_Ch_scaffold00618_94765	Ca_desi_scaffold	94765	[T/G]	NA
Ca_Desi_Ch_scaffold00618_100769	Ca_desi_scaffold	100769	[C/T]	NA
Ca_Desi_Ch_scaffold00618_113570	Ca_desi_scaffold	113570	[T/C]	NA
Ca_Desi_Ch_scaffold00618_113594	Ca_desi_scaffold	113594	[T/G]	NA
Ca_Desi_Ch_scaffold00631_71410	Ca_desi_scaffold	71410	[G/C]	NA
Ca_Desi_Ch_scaffold00631_71456	Ca_desi_scaffold	71456	[T/C]	NA
Ca_Desi_Ch_scaffold00631_189516	Ca_desi_scaffold	189516	[A/C]	NA
Ca_Desi_Ch_scaffold00631_189756	Ca_desi_scaffold	189756	[G/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00634_107814	Ca_desig_scaffold	107814	[G/A]	NA
Ca_Desig_Chr_scaffold00634_248255	Ca_desig_scaffold	248255	[A/G]	NA
Ca_Desig_Chr_scaffold00643_65879	Ca_desig_scaffold	65879	[T/G]	NA
Ca_Desig_Chr_scaffold00643_114744	Ca_desig_scaffold	114744	[A/C]	NA
Ca_Desig_Chr_scaffold00643_114752	Ca_desig_scaffold	114752	[T/C]	NA
Ca_Desig_Chr_scaffold00643_114764	Ca_desig_scaffold	114764	[T/C]	NA
Ca_Desig_Chr_scaffold00643_114766	Ca_desig_scaffold	114766	[A/G]	NA
Ca_Desig_Chr_scaffold00643_114772	Ca_desig_scaffold	114772	[A/G]	NA
Ca_Desig_Chr_scaffold00643_114773	Ca_desig_scaffold	114773	[T/C]	NA
Ca_Desig_Chr_scaffold00647_6170	Ca_desig_scaffold	6170	[T/G]	NA
Ca_Desig_Chr_scaffold00647_7446	Ca_desig_scaffold	7446	[T/C]	NA
Ca_Desig_Chr_scaffold00647_21984	Ca_desig_scaffold	21984	[G/C]	NA
Ca_Desig_Chr_scaffold00647_28499	Ca_desig_scaffold	28499	[A/G]	NA
Ca_Desig_Chr_scaffold00647_28511	Ca_desig_scaffold	28511	[T/C]	NA
Ca_Desig_Chr_scaffold00647_141065	Ca_desig_scaffold	141065	[A/T]	NA
Ca_Desig_Chr_scaffold00647_141103	Ca_desig_scaffold	141103	[A/C]	NA
Ca_Desig_Chr_scaffold00647_141114	Ca_desig_scaffold	141114	[T/C]	NA
Ca_Desig_Chr_scaffold00647_154684	Ca_desig_scaffold	154684	[T/G]	NA
Ca_Desig_Chr_scaffold00647_186185	Ca_desig_scaffold	186185	[C/A]	NA
Ca_Desig_Chr_scaffold00647_186197	Ca_desig_scaffold	186197	[C/T]	NA
Ca_Desig_Chr_scaffold00647_186198	Ca_desig_scaffold	186198	[A/T]	NA
Ca_Desig_Chr_scaffold00647_203808	Ca_desig_scaffold	203808	[A/T]	NA
Ca_Desig_Chr_scaffold15702_41142	Ca_desig_scaffold	41142	[G/C]	NA
Ca_Desig_Chr_scaffold15702_72420	Ca_desig_scaffold	72420	[A/G]	NA
Ca_Desig_Chr_scaffold15702_114911	Ca_desig_scaffold	114911	[A/G]	NA
Ca_Desig_Chr_scaffold15702_114942	Ca_desig_scaffold	114942	[T/G]	NA
Ca_Desig_Chr_scaffold01842_30031	Ca_desig_scaffold	30031	[A/G]	NA
Ca_Desig_Chr_scaffold01842_30048	Ca_desig_scaffold	30048	[T/A]	NA
Ca_Desig_Chr_scaffold01842_30051	Ca_desig_scaffold	30051	[G/A]	NA
Ca_Desig_Chr_scaffold01842_30070	Ca_desig_scaffold	30070	[A/G]	NA
Ca_Desig_Chr_scaffold01842_42529	Ca_desig_scaffold	42529	[T/C]	NA
Ca_Desig_Chr_scaffold01842_42543	Ca_desig_scaffold	42543	[T/C]	NA
Ca_Desig_Chr_scaffold01842_48744	Ca_desig_scaffold	48744	[A/C]	NA
Ca_Desig_Chr_scaffold01924_20488	Ca_desig_scaffold	20488	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01924_20499	Ca_desi_scaffold	20499	[T/G]	NA
Ca_Desi_Ch_scaffold01924_20585	Ca_desi_scaffold	20585	[T/C]	NA
Ca_Desi_Ch_scaffold01924_20592	Ca_desi_scaffold	20592	[A/C]	NA
Ca_Desi_Ch_scaffold01924_147494	Ca_desi_scaffold	147494	[T/C]	NA
Ca_Desi_Ch_scaffold00654_32277	Ca_desi_scaffold	32277	[T/G]	NA
Ca_Desi_Ch_scaffold00654_32328	Ca_desi_scaffold	32328	[A/C]	NA
Ca_Desi_Ch_scaffold00654_32330	Ca_desi_scaffold	32330	[C/T]	NA
Ca_Desi_Ch_scaffold00654_32331	Ca_desi_scaffold	32331	[A/C]	NA
Ca_Desi_Ch_scaffold00654_32344	Ca_desi_scaffold	32344	[C/T]	NA
Ca_Desi_Ch_scaffold00654_32354	Ca_desi_scaffold	32354	[C/G]	NA
Ca_Desi_Ch_scaffold00654_32585	Ca_desi_scaffold	32585	[C/T]	NA
Ca_Desi_Ch_scaffold00654_32631	Ca_desi_scaffold	32631	[C/T]	NA
Ca_Desi_Ch_scaffold00654_75435	Ca_desi_scaffold	75435	[T/C]	NA
Ca_Desi_Ch_scaffold00654_75438	Ca_desi_scaffold	75438	[T/C]	NA
Ca_Desi_Ch_scaffold00654_84639	Ca_desi_scaffold	84639	[A/C]	NA
Ca_Desi_Ch_scaffold00654_185609	Ca_desi_scaffold	185609	[A/G]	NA
Ca_Desi_Ch_scaffold00659_7489	Ca_desi_scaffold	7489	[T/C]	NA
Ca_Desi_Ch_scaffold00659_21539	Ca_desi_scaffold	21539	[A/G]	NA
Ca_Desi_Ch_scaffold00659_21543	Ca_desi_scaffold	21543	[A/C]	NA
Ca_Desi_Ch_scaffold00659_21546	Ca_desi_scaffold	21546	[A/T]	NA
Ca_Desi_Ch_scaffold00659_21549	Ca_desi_scaffold	21549	[A/C]	NA
Ca_Desi_Ch_scaffold00659_21634	Ca_desi_scaffold	21634	[T/G]	NA
Ca_Desi_Ch_scaffold00659_35269	Ca_desi_scaffold	35269	[T/G]	NA
Ca_Desi_Ch_scaffold00659_35300	Ca_desi_scaffold	35300	[A/G]	NA
Ca_Desi_Ch_scaffold00659_35303	Ca_desi_scaffold	35303	[C/G]	NA
Ca_Desi_Ch_scaffold00659_54951	Ca_desi_scaffold	54951	[T/G]	NA
Ca_Desi_Ch_scaffold00659_98148	Ca_desi_scaffold	98148	[G/T]	NA
Ca_Desi_Ch_scaffold00659_98164	Ca_desi_scaffold	98164	[T/A]	NA
Ca_Desi_Ch_scaffold00659_98179	Ca_desi_scaffold	98179	[A/G]	NA
Ca_Desi_Ch_scaffold16048_4699	Ca_desi_scaffold	4699	[T/G]	NA
Ca_Desi_Ch_scaffold16048_4702	Ca_desi_scaffold	4702	[T/G]	NA
Ca_Desi_Ch_scaffold03730_53888	Ca_desi_scaffold	53888	[A/G]	NA
Ca_Desi_Ch_scaffold03730_53914	Ca_desi_scaffold	53914	[A/G]	NA
Ca_Desi_Ch_scaffold03730_53917	Ca_desi_scaffold	53917	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold03730_70706	Ca_desi_scaffold	70706	[A/C]	NA
Ca_Desi_Ch_scaffold00675_25483	Ca_desi_scaffold	25483	[T/G]	NA
Ca_Desi_Ch_scaffold00675_25494	Ca_desi_scaffold	25494	[A/G]	NA
Ca_Desi_Ch_scaffold00675_25498	Ca_desi_scaffold	25498	[T/G]	NA
Ca_Desi_Ch_scaffold00675_25501	Ca_desi_scaffold	25501	[T/G]	NA
Ca_Desi_Ch_scaffold00675_27300	Ca_desi_scaffold	27300	[A/G]	NA
Ca_Desi_Ch_scaffold00675_27319	Ca_desi_scaffold	27319	[T/G]	NA
Ca_Desi_Ch_scaffold00675_34139	Ca_desi_scaffold	34139	[C/T]	NA
Ca_Desi_Ch_scaffold00826_78820	Ca_desi_scaffold	78820	[A/T]	NA
Ca_Desi_Ch_scaffold00826_78836	Ca_desi_scaffold	78836	[A/C]	NA
Ca_Desi_Ch_scaffold00826_78863	Ca_desi_scaffold	78863	[T/C]	NA
Ca_Desi_Ch_scaffold00826_78871	Ca_desi_scaffold	78871	[A/G]	NA
Ca_Desi_Ch_scaffold00826_78877	Ca_desi_scaffold	78877	[A/G]	NA
Ca_Desi_Ch_scaffold00826_78880	Ca_desi_scaffold	78880	[T/A]	NA
Ca_Desi_Ch_scaffold00826_84630	Ca_desi_scaffold	84630	[T/C]	NA
Ca_Desi_Ch_scaffold00826_84644	Ca_desi_scaffold	84644	[T/G]	NA
Ca_Desi_Ch_scaffold00826_84701	Ca_desi_scaffold	84701	[T/G]	NA
Ca_Desi_Ch_scaffold00826_84796	Ca_desi_scaffold	84796	[A/G]	NA
Ca_Desi_Ch_scaffold00826_95255	Ca_desi_scaffold	95255	[T/C]	NA
Ca_Desi_Ch_scaffold00826_95290	Ca_desi_scaffold	95290	[C/A]	NA
Ca_Desi_Ch_scaffold00826_95293	Ca_desi_scaffold	95293	[G/A]	NA
Ca_Desi_Ch_scaffold00826_95296	Ca_desi_scaffold	95296	[A/C]	NA
Ca_Desi_Ch_scaffold00826_95404	Ca_desi_scaffold	95404	[G/A]	NA
Ca_Desi_Ch_scaffold00826_95409	Ca_desi_scaffold	95409	[G/A]	NA
Ca_Desi_Ch_scaffold00826_95436	Ca_desi_scaffold	95436	[T/C]	NA
Ca_Desi_Ch_scaffold00826_95437	Ca_desi_scaffold	95437	[G/T]	NA
Ca_Desi_Ch_scaffold00877_92606	Ca_desi_scaffold	92606	[A/T]	NA
Ca_Desi_Ch_scaffold00877_300376	Ca_desi_scaffold	300376	[A/C]	NA
Ca_Desi_Ch_scaffold10990_36625	Ca_desi_scaffold	36625	[T/G]	NA
Ca_Desi_Ch_scaffold10990_37101	Ca_desi_scaffold	37101	[A/G]	NA
Ca_Desi_Ch_scaffold10990_37130	Ca_desi_scaffold	37130	[T/G]	NA
Ca_Desi_Ch_scaffold10990_37132	Ca_desi_scaffold	37132	[A/G]	NA
Ca_Desi_Ch_scaffold10990_37147	Ca_desi_scaffold	37147	[A/C]	NA
Ca_Desi_Ch_scaffold00692_7757	Ca_desi_scaffold	7757	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_scaffold00692_7775	Ca_desi_scaffold	7775	[T/C]	NA
Ca_Desi_Chr_scaffold00692_7788	Ca_desi_scaffold	7788	[T/G]	NA
Ca_Desi_Chr_scaffold00692_7792	Ca_desi_scaffold	7792	[T/G]	NA
Ca_Desi_Chr_scaffold00692_7803	Ca_desi_scaffold	7803	[A/G]	NA
Ca_Desi_Chr_scaffold00692_10633	Ca_desi_scaffold	10633	[A/T]	NA
Ca_Desi_Chr_scaffold00692_10676	Ca_desi_scaffold	10676	[T/G]	NA
Ca_Desi_Chr_scaffold15021_63087	Ca_desi_scaffold	63087	[T/A]	NA
Ca_Desi_Chr_scaffold15021_63111	Ca_desi_scaffold	63111	[A/C]	NA
Ca_Desi_Chr_scaffold00723_28405	Ca_desi_scaffold	28405	[A/T]	NA
Ca_Desi_Chr_scaffold00723_28410	Ca_desi_scaffold	28410	[T/C]	NA
Ca_Desi_Chr_scaffold00723_28413	Ca_desi_scaffold	28413	[T/C]	NA
Ca_Desi_Chr_scaffold00723_28434	Ca_desi_scaffold	28434	[T/C]	NA
Ca_Desi_Chr_scaffold00723_28438	Ca_desi_scaffold	28438	[C/A]	NA
Ca_Desi_Chr_scaffold00723_28443	Ca_desi_scaffold	28443	[A/G]	NA
Ca_Desi_Chr_scaffold00723_28448	Ca_desi_scaffold	28448	[G/A]	NA
Ca_Desi_Chr_scaffold00723_28451	Ca_desi_scaffold	28451	[A/G]	NA
Ca_Desi_Chr_scaffold00723_37798	Ca_desi_scaffold	37798	[C/G]	NA
Ca_Desi_Chr_scaffold00723_38260	Ca_desi_scaffold	38260	[G/A]	NA
Ca_Desi_Chr_scaffold00723_39403	Ca_desi_scaffold	39403	[G/A]	NA
Ca_Desi_Chr_scaffold00723_43134	Ca_desi_scaffold	43134	[C/T]	NA
Ca_Desi_Chr_scaffold02301_12611	Ca_desi_scaffold	12611	[A/T]	NA
Ca_Desi_Chr_scaffold02301_12620	Ca_desi_scaffold	12620	[A/C]	NA
Ca_Desi_Chr_scaffold02301_18646	Ca_desi_scaffold	18646	[A/C]	NA
Ca_Desi_Chr_scaffold02301_19317	Ca_desi_scaffold	19317	[T/C]	NA
Ca_Desi_Chr_scaffold02301_19328	Ca_desi_scaffold	19328	[T/G]	NA
Ca_Desi_Chr_scaffold02301_19332	Ca_desi_scaffold	19332	[A/G]	NA
Ca_Desi_Chr_scaffold02301_19334	Ca_desi_scaffold	19334	[A/G]	NA
Ca_Desi_Chr_scaffold02301_19345	Ca_desi_scaffold	19345	[A/G]	NA
Ca_Desi_Chr_scaffold02301_19413	Ca_desi_scaffold	19413	[T/G]	NA
Ca_Desi_Chr_scaffold02301_19436	Ca_desi_scaffold	19436	[T/G]	NA
Ca_Desi_Chr_scaffold02301_19480	Ca_desi_scaffold	19480	[T/G]	NA
Ca_Desi_Chr_scaffold02301_72994	Ca_desi_scaffold	72994	[G/A]	NA
Ca_Desi_Chr_scaffold02301_74304	Ca_desi_scaffold	74304	[C/T]	NA
Ca_Desi_Chr_scaffold02301_74494	Ca_desi_scaffold	74494	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02301_91511	Ca_desi_scaffold	91511	[T/C]	NA
Ca_Desi_Ch_scaffold02301_91644	Ca_desi_scaffold	91644	[G/A]	NA
Ca_Desi_Ch_scaffold00994_225573	Ca_desi_scaffold	225573	[C/T]	NA
Ca_Desi_Ch_scaffold00994_225580	Ca_desi_scaffold	225580	[G/A]	NA
Ca_Desi_Ch_scaffold00994_225581	Ca_desi_scaffold	225581	[A/C]	NA
Ca_Desi_Ch_scaffold00994_225593	Ca_desi_scaffold	225593	[T/C]	NA
Ca_Desi_Ch_scaffold00994_243674	Ca_desi_scaffold	243674	[T/G]	NA
Ca_Desi_Ch_scaffold00994_248460	Ca_desi_scaffold	248460	[T/C]	NA
Ca_Desi_Ch_scaffold00994_248533	Ca_desi_scaffold	248533	[T/C]	NA
Ca_Desi_Ch_scaffold00994_281122	Ca_desi_scaffold	281122	[A/C]	NA
Ca_Desi_Ch_scaffold00994_281132	Ca_desi_scaffold	281132	[T/C]	NA
Ca_Desi_Ch_scaffold00907_150704	Ca_desi_scaffold	150704	[T/G]	NA
Ca_Desi_Ch_scaffold00907_150719	Ca_desi_scaffold	150719	[T/C]	NA
Ca_Desi_Ch_scaffold00907_150721	Ca_desi_scaffold	150721	[A/C]	NA
Ca_Desi_Ch_scaffold00907_150737	Ca_desi_scaffold	150737	[T/G]	NA
Ca_Desi_Ch_scaffold00907_150741	Ca_desi_scaffold	150741	[A/G]	NA
Ca_Desi_Ch_scaffold00907_193071	Ca_desi_scaffold	193071	[T/G]	NA
Ca_Desi_Ch_scaffold00907_194391	Ca_desi_scaffold	194391	[C/T]	NA
Ca_Desi_Ch_scaffold00907_205835	Ca_desi_scaffold	205835	[T/G]	NA
Ca_Desi_Ch_scaffold00907_205854	Ca_desi_scaffold	205854	[T/C]	NA
Ca_Desi_Ch_scaffold00907_205873	Ca_desi_scaffold	205873	[A/G]	NA
Ca_Desi_Ch_scaffold00762_44374	Ca_desi_scaffold	44374	[A/C]	NA
Ca_Desi_Ch_scaffold00762_85392	Ca_desi_scaffold	85392	[A/C]	NA
Ca_Desi_Ch_scaffold00762_90063	Ca_desi_scaffold	90063	[T/G]	NA
Ca_Desi_Ch_scaffold00762_90088	Ca_desi_scaffold	90088	[A/G]	NA
Ca_Desi_Ch_scaffold00762_93864	Ca_desi_scaffold	93864	[T/A]	NA
Ca_Desi_Ch_scaffold00762_96112	Ca_desi_scaffold	96112	[T/G]	NA
Ca_Desi_Ch_scaffold00762_96130	Ca_desi_scaffold	96130	[T/C]	NA
Ca_Desi_Ch_scaffold00762_96187	Ca_desi_scaffold	96187	[A/G]	NA
Ca_Desi_Ch_scaffold00762_96189	Ca_desi_scaffold	96189	[A/C]	NA
Ca_Desi_Ch_scaffold00762_173700	Ca_desi_scaffold	173700	[A/T]	NA
Ca_Desi_Ch_scaffold00762_173703	Ca_desi_scaffold	173703	[G/C]	NA
Ca_Desi_Ch_scaffold00762_173706	Ca_desi_scaffold	173706	[A/G]	NA
Ca_Desi_Ch_scaffold00762_173709	Ca_desi_scaffold	173709	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00762_173713	Ca_desi_scaffold	173713	[A/G]	NA
Ca_Desi_Ch_scaffold00762_173715	Ca_desi_scaffold	173715	[A/G]	NA
Ca_Desi_Ch_scaffold00762_173718	Ca_desi_scaffold	173718	[A/G]	NA
Ca_Desi_Ch_scaffold00762_173720	Ca_desi_scaffold	173720	[A/G]	NA
Ca_Desi_Ch_scaffold00762_173725	Ca_desi_scaffold	173725	[T/C]	NA
Ca_Desi_Ch_scaffold00762_173728	Ca_desi_scaffold	173728	[T/C]	NA
Ca_Desi_Ch_scaffold00762_173734	Ca_desi_scaffold	173734	[A/G]	NA
Ca_Desi_Ch_scaffold00762_173738	Ca_desi_scaffold	173738	[A/G]	NA
Ca_Desi_Ch_scaffold00762_173741	Ca_desi_scaffold	173741	[G/A]	NA
Ca_Desi_Ch_scaffold00762_173744	Ca_desi_scaffold	173744	[A/G]	NA
Ca_Desi_Ch_scaffold00762_173750	Ca_desi_scaffold	173750	[T/A]	NA
Ca_Desi_Ch_scaffold07915_70849	Ca_desi_scaffold	70849	[A/C]	NA
Ca_Desi_Ch_scaffold07915_142412	Ca_desi_scaffold	142412	[T/G]	NA
Ca_Desi_Ch_scaffold07915_142422	Ca_desi_scaffold	142422	[A/C]	NA
Ca_Desi_Ch_scaffold07915_142448	Ca_desi_scaffold	142448	[A/G]	NA
Ca_Desi_Ch_scaffold00781_57626	Ca_desi_scaffold	57626	[A/G]	NA
Ca_Desi_Ch_scaffold00781_96320	Ca_desi_scaffold	96320	[G/T]	NA
Ca_Desi_Ch_scaffold00781_96322	Ca_desi_scaffold	96322	[T/C]	NA
Ca_Desi_Ch_scaffold00781_96332	Ca_desi_scaffold	96332	[T/C]	NA
Ca_Desi_Ch_scaffold00781_96337	Ca_desi_scaffold	96337	[T/C]	NA
Ca_Desi_Ch_scaffold00781_96341	Ca_desi_scaffold	96341	[T/C]	NA
Ca_Desi_Ch_scaffold00781_96354	Ca_desi_scaffold	96354	[T/G]	NA
Ca_Desi_Ch_scaffold00781_96355	Ca_desi_scaffold	96355	[A/T]	NA
Ca_Desi_Ch_scaffold00781_96364	Ca_desi_scaffold	96364	[A/C]	NA
Ca_Desi_Ch_scaffold00781_96372	Ca_desi_scaffold	96372	[A/G]	NA
Ca_Desi_Ch_scaffold00781_96375	Ca_desi_scaffold	96375	[T/G]	NA
Ca_Desi_Ch_scaffold00781_96376	Ca_desi_scaffold	96376	[T/C]	NA
Ca_Desi_Ch_scaffold00781_96391	Ca_desi_scaffold	96391	[A/G]	NA
Ca_Desi_Ch_scaffold00781_96393	Ca_desi_scaffold	96393	[T/C]	NA
Ca_Desi_Ch_scaffold00781_96413	Ca_desi_scaffold	96413	[T/C]	NA
Ca_Desi_Ch_scaffold00781_96423	Ca_desi_scaffold	96423	[T/C]	NA
Ca_Desi_Ch_scaffold00781_96427	Ca_desi_scaffold	96427	[A/G]	NA
Ca_Desi_Ch_scaffold00781_96431	Ca_desi_scaffold	96431	[C/G]	NA
Ca_Desi_Ch_scaffold00781_96436	Ca_desi_scaffold	96436	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00787_47278	Ca_desi_scaffold	47278	[T/G]	NA
Ca_Desi_Ch_scaffold00787_47363	Ca_desi_scaffold	47363	[A/C]	NA
Ca_Desi_Ch_scaffold00787_80472	Ca_desi_scaffold	80472	[A/G]	NA
Ca_Desi_Ch_scaffold00787_80484	Ca_desi_scaffold	80484	[T/C]	NA
Ca_Desi_Ch_scaffold00787_80503	Ca_desi_scaffold	80503	[T/C]	NA
Ca_Desi_Ch_scaffold00787_80507	Ca_desi_scaffold	80507	[A/C]	NA
Ca_Desi_Ch_scaffold00787_88252	Ca_desi_scaffold	88252	[A/G]	NA
Ca_Desi_Ch_scaffold02958_7175	Ca_desi_scaffold	7175	[A/C]	NA
Ca_Desi_Ch_scaffold02958_7817	Ca_desi_scaffold	7817	[A/C]	NA
Ca_Desi_Ch_scaffold02958_16875	Ca_desi_scaffold	16875	[T/A]	NA
Ca_Desi_Ch_scaffold02958_16899	Ca_desi_scaffold	16899	[C/T]	NA
Ca_Desi_Ch_scaffold02958_16907	Ca_desi_scaffold	16907	[C/T]	NA
Ca_Desi_Ch_scaffold02958_16916	Ca_desi_scaffold	16916	[G/T]	NA
Ca_Desi_Ch_scaffold01802_84654	Ca_desi_scaffold	84654	[A/T]	NA
Ca_Desi_Ch_scaffold01802_84655	Ca_desi_scaffold	84655	[A/C]	NA
Ca_Desi_Ch_scaffold01802_84656	Ca_desi_scaffold	84656	[G/T]	NA
Ca_Desi_Ch_scaffold01802_85669	Ca_desi_scaffold	85669	[A/G]	NA
Ca_Desi_Ch_scaffold00829_10071	Ca_desi_scaffold	10071	[T/G]	NA
Ca_Desi_Ch_scaffold00829_10074	Ca_desi_scaffold	10074	[T/G]	NA
Ca_Desi_Ch_scaffold00829_10077	Ca_desi_scaffold	10077	[G/T]	NA
Ca_Desi_Ch_scaffold00829_10080	Ca_desi_scaffold	10080	[T/G]	NA
Ca_Desi_Ch_scaffold00829_10090	Ca_desi_scaffold	10090	[A/T]	NA
Ca_Desi_Ch_scaffold00829_15874	Ca_desi_scaffold	15874	[A/C]	NA
Ca_Desi_Ch_scaffold16831_6397	Ca_desi_scaffold	6397	[T/A]	NA
Ca_Desi_Ch_scaffold16831_6423	Ca_desi_scaffold	6423	[A/G]	NA
Ca_Desi_Ch_scaffold16831_6426	Ca_desi_scaffold	6426	[T/A]	NA
Ca_Desi_Ch_scaffold16831_6445	Ca_desi_scaffold	6445	[G/A]	NA
Ca_Desi_Ch_scaffold16831_10762	Ca_desi_scaffold	10762	[A/G]	NA
Ca_Desi_Ch_scaffold16831_10774	Ca_desi_scaffold	10774	[T/C]	NA
Ca_Desi_Ch_scaffold16831_10782	Ca_desi_scaffold	10782	[A/C]	NA
Ca_Desi_Ch_scaffold16831_10786	Ca_desi_scaffold	10786	[T/C]	NA
Ca_Desi_Ch_scaffold16831_10804	Ca_desi_scaffold	10804	[A/G]	NA
Ca_Desi_Ch_scaffold16831_31500	Ca_desi_scaffold	31500	[A/C]	NA
Ca_Desi_Ch_scaffold16831_31512	Ca_desi_scaffold	31512	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold16831_54402	Ca_desig_scaffold	54402	[G/T]	NA
Ca_DesigChr_scaffold16831_54415	Ca_desig_scaffold	54415	[A/G]	NA
Ca_DesigChr_scaffold16831_54433	Ca_desig_scaffold	54433	[A/G]	NA
Ca_DesigChr_scaffold16831_54438	Ca_desig_scaffold	54438	[T/C]	NA
Ca_DesigChr_scaffold16831_54441	Ca_desig_scaffold	54441	[A/G]	NA
Ca_DesigChr_scaffold16831_54442	Ca_desig_scaffold	54442	[G/A]	NA
Ca_DesigChr_scaffold16831_54448	Ca_desig_scaffold	54448	[A/G]	NA
Ca_DesigChr_scaffold16831_54450	Ca_desig_scaffold	54450	[A/G]	NA
Ca_DesigChr_scaffold16831_54451	Ca_desig_scaffold	54451	[T/C]	NA
Ca_DesigChr_scaffold16831_54455	Ca_desig_scaffold	54455	[T/C]	NA
Ca_DesigChr_scaffold16831_54462	Ca_desig_scaffold	54462	[A/G]	NA
Ca_DesigChr_scaffold16831_54472	Ca_desig_scaffold	54472	[A/G]	NA
Ca_DesigChr_scaffold16831_54473	Ca_desig_scaffold	54473	[A/G]	NA
Ca_DesigChr_scaffold16831_54477	Ca_desig_scaffold	54477	[A/G]	NA
Ca_DesigChr_scaffold16831_54478	Ca_desig_scaffold	54478	[A/G]	NA
Ca_DesigChr_scaffold16831_54493	Ca_desig_scaffold	54493	[T/C]	NA
Ca_DesigChr_scaffold16831_54546	Ca_desig_scaffold	54546	[A/C]	NA
Ca_DesigChr_scaffold16831_54553	Ca_desig_scaffold	54553	[A/G]	NA
Ca_DesigChr_scaffold16831_57242	Ca_desig_scaffold	57242	[T/C]	NA
Ca_DesigChr_scaffold16831_57251	Ca_desig_scaffold	57251	[A/G]	NA
Ca_DesigChr_scaffold16831_57303	Ca_desig_scaffold	57303	[A/C]	NA
Ca_DesigChr_scaffold16831_57364	Ca_desig_scaffold	57364	[T/C]	NA
Ca_DesigChr_scaffold16831_57377	Ca_desig_scaffold	57377	[T/C]	NA
Ca_DesigChr_scaffold16831_57394	Ca_desig_scaffold	57394	[A/G]	NA
Ca_DesigChr_scaffold16831_66278	Ca_desig_scaffold	66278	[A/C]	NA
Ca_DesigChr_scaffold16831_66279	Ca_desig_scaffold	66279	[G/T]	NA
Ca_DesigChr_scaffold16831_66280	Ca_desig_scaffold	66280	[A/G]	NA
Ca_DesigChr_scaffold00835_34505	Ca_desig_scaffold	34505	[A/G]	NA
Ca_DesigChr_scaffold00835_34534	Ca_desig_scaffold	34534	[A/G]	NA
Ca_DesigChr_scaffold00835_34542	Ca_desig_scaffold	34542	[A/G]	NA
Ca_DesigChr_scaffold00835_34548	Ca_desig_scaffold	34548	[T/C]	NA
Ca_DesigChr_scaffold00835_34565	Ca_desig_scaffold	34565	[T/C]	NA
Ca_DesigChr_scaffold00835_34784	Ca_desig_scaffold	34784	[G/T]	NA
Ca_DesigChr_scaffold00835_34897	Ca_desig_scaffold	34897	[T/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00835_42197	Ca_desig_scaffold	42197	[T/G]	NA
Ca_Desig_Chr_scaffold00835_62457	Ca_desig_scaffold	62457	[T/C]	NA
Ca_Desig_Chr_scaffold00835_64558	Ca_desig_scaffold	64558	[A/G]	NA
Ca_Desig_Chr_scaffold00835_65404	Ca_desig_scaffold	65404	[A/T]	NA
Ca_Desig_Chr_scaffold00835_65419	Ca_desig_scaffold	65419	[T/C]	NA
Ca_Desig_Chr_scaffold00835_65520	Ca_desig_scaffold	65520	[C/A]	NA
Ca_Desig_Chr_scaffold00835_65521	Ca_desig_scaffold	65521	[T/G]	NA
Ca_Desig_Chr_scaffold00835_65522	Ca_desig_scaffold	65522	[G/A]	NA
Ca_Desig_Chr_scaffold01704_76035	Ca_desig_scaffold	76035	[A/T]	NA
Ca_Desig_Chr_scaffold01704_114679	Ca_desig_scaffold	114679	[T/G]	NA
Ca_Desig_Chr_scaffold01704_114684	Ca_desig_scaffold	114684	[T/G]	NA
Ca_Desig_Chr_scaffold01704_117774	Ca_desig_scaffold	117774	[A/C]	NA
Ca_Desig_Chr_scaffold00844_11199	Ca_desig_scaffold	11199	[T/C]	NA
Ca_Desig_Chr_scaffold00844_11205	Ca_desig_scaffold	11205	[A/G]	NA
Ca_Desig_Chr_scaffold00844_11215	Ca_desig_scaffold	11215	[A/G]	NA
Ca_Desig_Chr_scaffold00844_11219	Ca_desig_scaffold	11219	[A/G]	NA
Ca_Desig_Chr_scaffold00844_11225	Ca_desig_scaffold	11225	[A/G]	NA
Ca_Desig_Chr_scaffold00844_32742	Ca_desig_scaffold	32742	[A/T]	NA
Ca_Desig_Chr_scaffold00844_32757	Ca_desig_scaffold	32757	[T/C]	NA
Ca_Desig_Chr_scaffold00844_32769	Ca_desig_scaffold	32769	[T/C]	NA
Ca_Desig_Chr_scaffold00844_32771	Ca_desig_scaffold	32771	[A/G]	NA
Ca_Desig_Chr_scaffold00844_32785	Ca_desig_scaffold	32785	[T/G]	NA
Ca_Desig_Chr_scaffold00844_32791	Ca_desig_scaffold	32791	[A/T]	NA
Ca_Desig_Chr_scaffold00844_100290	Ca_desig_scaffold	100290	[T/G]	NA
Ca_Desig_Chr_scaffold07146_43279	Ca_desig_scaffold	43279	[A/C]	NA
Ca_Desig_Chr_scaffold07146_43301	Ca_desig_scaffold	43301	[A/G]	NA
Ca_Desig_Chr_scaffold07146_82149	Ca_desig_scaffold	82149	[A/C]	NA
Ca_Desig_Chr_scaffold02501_110564	Ca_desig_scaffold	110564	[T/C]	NA
Ca_Desig_Chr_scaffold02501_110568	Ca_desig_scaffold	110568	[T/G]	NA
Ca_Desig_Chr_scaffold02501_110583	Ca_desig_scaffold	110583	[A/G]	NA
Ca_Desig_Chr_scaffold02501_110611	Ca_desig_scaffold	110611	[A/C]	NA
Ca_Desig_Chr_scaffold00911_25414	Ca_desig_scaffold	25414	[T/C]	NA
Ca_Desig_Chr_scaffold00911_90781	Ca_desig_scaffold	90781	[T/G]	NA
Ca_Desig_Chr_scaffold01949_86561	Ca_desig_scaffold	86561	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01949_86567	Ca_desi_scaffold	86567	[G/A]	NA
Ca_Desi_Ch_scaffold00876_20840	Ca_desi_scaffold	20840	[T/G]	NA
Ca_Desi_Ch_scaffold00876_20859	Ca_desi_scaffold	20859	[T/G]	NA
Ca_Desi_Ch_scaffold00876_42339	Ca_desi_scaffold	42339	[T/G]	NA
Ca_Desi_Ch_scaffold00876_42350	Ca_desi_scaffold	42350	[T/C]	NA
Ca_Desi_Ch_scaffold00883_19648	Ca_desi_scaffold	19648	[A/G]	NA
Ca_Desi_Ch_scaffold00908_115704	Ca_desi_scaffold	115704	[T/A]	NA
Ca_Desi_Ch_scaffold00912_82575	Ca_desi_scaffold	82575	[A/C]	NA
Ca_Desi_Ch_scaffold00912_158750	Ca_desi_scaffold	158750	[A/G]	NA
Ca_Desi_Ch_scaffold00912_158763	Ca_desi_scaffold	158763	[T/C]	NA
Ca_Desi_Ch_scaffold00916_15751	Ca_desi_scaffold	15751	[C/T]	NA
Ca_Desi_Ch_scaffold00916_15773	Ca_desi_scaffold	15773	[T/C]	NA
Ca_Desi_Ch_scaffold00916_15794	Ca_desi_scaffold	15794	[T/C]	NA
Ca_Desi_Ch_scaffold00916_16160	Ca_desi_scaffold	16160	[T/G]	NA
Ca_Desi_Ch_scaffold00916_16200	Ca_desi_scaffold	16200	[A/G]	NA
Ca_Desi_Ch_scaffold00916_16249	Ca_desi_scaffold	16249	[T/C]	NA
Ca_Desi_Ch_scaffold00916_16269	Ca_desi_scaffold	16269	[T/C]	NA
Ca_Desi_Ch_scaffold00916_16286	Ca_desi_scaffold	16286	[T/G]	NA
Ca_Desi_Ch_scaffold00916_16289	Ca_desi_scaffold	16289	[T/G]	NA
Ca_Desi_Ch_scaffold00916_16349	Ca_desi_scaffold	16349	[T/G]	NA
Ca_Desi_Ch_scaffold00916_24395	Ca_desi_scaffold	24395	[T/G]	NA
Ca_Desi_Ch_scaffold02835_38002	Ca_desi_scaffold	38002	[A/T]	NA
Ca_Desi_Ch_scaffold02835_134699	Ca_desi_scaffold	134699	[T/G]	NA
Ca_Desi_Ch_scaffold02835_134712	Ca_desi_scaffold	134712	[A/T]	NA
Ca_Desi_Ch_scaffold02835_202289	Ca_desi_scaffold	202289	[A/G]	NA
Ca_Desi_Ch_scaffold00945_152929	Ca_desi_scaffold	152929	[C/T]	NA
Ca_Desi_Ch_scaffold00945_152932	Ca_desi_scaffold	152932	[T/C]	NA
Ca_Desi_Ch_scaffold00945_152941	Ca_desi_scaffold	152941	[A/T]	NA
Ca_Desi_Ch_scaffold00945_231021	Ca_desi_scaffold	231021	[G/T]	NA
Ca_Desi_Ch_scaffold00931_54981	Ca_desi_scaffold	54981	[T/C]	NA
Ca_Desi_Ch_scaffold00931_55002	Ca_desi_scaffold	55002	[C/T]	NA
Ca_Desi_Ch_scaffold00931_55008	Ca_desi_scaffold	55008	[T/G]	NA
Ca_Desi_Ch_scaffold00931_113361	Ca_desi_scaffold	113361	[A/T]	NA
Ca_Desi_Ch_scaffold00931_113379	Ca_desi_scaffold	113379	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00931_113487	Ca_desig_scaffold	113487	[A/C]	NA
Ca_Desig_Chr_scaffold00931_113529	Ca_desig_scaffold	113529	[T/G]	NA
Ca_Desig_Chr_scaffold00931_113559	Ca_desig_scaffold	113559	[C/A]	NA
Ca_Desig_Chr_scaffold00936_50052	Ca_desig_scaffold	50052	[A/C]	NA
Ca_Desig_Chr_scaffold00936_50053	Ca_desig_scaffold	50053	[G/T]	NA
Ca_Desig_Chr_scaffold00936_54718	Ca_desig_scaffold	54718	[G/A]	NA
Ca_Desig_Chr_scaffold00936_54733	Ca_desig_scaffold	54733	[G/T]	NA
Ca_Desig_Chr_scaffold00936_54745	Ca_desig_scaffold	54745	[C/A]	NA
Ca_Desig_Chr_scaffold00936_56497	Ca_desig_scaffold	56497	[T/G]	NA
Ca_Desig_Chr_scaffold00936_56512	Ca_desig_scaffold	56512	[A/C]	NA
Ca_Desig_Chr_scaffold01264_42117	Ca_desig_scaffold	42117	[C/G]	NA
Ca_Desig_Chr_scaffold01264_42119	Ca_desig_scaffold	42119	[T/C]	NA
Ca_Desig_Chr_scaffold01264_42122	Ca_desig_scaffold	42122	[G/A]	NA
Ca_Desig_Chr_scaffold01264_42126	Ca_desig_scaffold	42126	[C/T]	NA
Ca_Desig_Chr_scaffold01264_42128	Ca_desig_scaffold	42128	[C/A]	NA
Ca_Desig_Chr_scaffold00969_28825	Ca_desig_scaffold	28825	[A/G]	NA
Ca_Desig_Chr_scaffold00969_28884	Ca_desig_scaffold	28884	[G/C]	NA
Ca_Desig_Chr_scaffold00969_68743	Ca_desig_scaffold	68743	[A/G]	NA
Ca_Desig_Chr_scaffold00970_32612	Ca_desig_scaffold	32612	[T/A]	NA
Ca_Desig_Chr_scaffold02296_81947	Ca_desig_scaffold	81947	[T/G]	NA
Ca_Desig_Chr_scaffold00982_47107	Ca_desig_scaffold	47107	[T/G]	NA
Ca_Desig_Chr_scaffold00982_93636	Ca_desig_scaffold	93636	[G/A]	NA
Ca_Desig_Chr_scaffold00982_93641	Ca_desig_scaffold	93641	[A/T]	NA
Ca_Desig_Chr_scaffold00982_93653	Ca_desig_scaffold	93653	[C/A]	NA
Ca_Desig_Chr_scaffold00982_93666	Ca_desig_scaffold	93666	[G/A]	NA
Ca_Desig_Chr_scaffold00984_36823	Ca_desig_scaffold	36823	[G/A]	NA
Ca_Desig_Chr_scaffold00984_48266	Ca_desig_scaffold	48266	[T/C]	NA
Ca_Desig_Chr_scaffold00984_48267	Ca_desig_scaffold	48267	[C/G]	NA
Ca_Desig_Chr_scaffold00984_48288	Ca_desig_scaffold	48288	[G/A]	NA
Ca_Desig_Chr_scaffold00984_125412	Ca_desig_scaffold	125412	[C/A]	NA
Ca_Desig_Chr_scaffold00984_130166	Ca_desig_scaffold	130166	[G/A]	NA
Ca_Desig_Chr_scaffold00984_135433	Ca_desig_scaffold	135433	[T/C]	NA
Ca_Desig_Chr_scaffold00991_7013	Ca_desig_scaffold	7013	[G/A]	NA
Ca_Desig_Chr_scaffold00991_8222	Ca_desig_scaffold	8222	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00991_8223	Ca_desi_scaffold	8223	[A/G]	NA
Ca_Desi_Ch_scaffold00991_8224	Ca_desi_scaffold	8224	[G/A]	NA
Ca_Desi_Ch_scaffold00991_43902	Ca_desi_scaffold	43902	[A/C]	NA
Ca_Desi_Ch_scaffold00991_59040	Ca_desi_scaffold	59040	[T/C]	NA
Ca_Desi_Ch_scaffold00991_76857	Ca_desi_scaffold	76857	[A/C]	NA
Ca_Desi_Ch_scaffold00991_77662	Ca_desi_scaffold	77662	[C/T]	NA
Ca_Desi_Ch_scaffold00991_77665	Ca_desi_scaffold	77665	[T/G]	NA
Ca_Desi_Ch_scaffold00991_78165	Ca_desi_scaffold	78165	[G/T]	NA
Ca_Desi_Ch_scaffold00991_78330	Ca_desi_scaffold	78330	[A/C]	NA
Ca_Desi_Ch_scaffold00991_78402	Ca_desi_scaffold	78402	[A/T]	NA
Ca_Desi_Ch_scaffold00991_78777	Ca_desi_scaffold	78777	[A/G]	NA
Ca_Desi_Ch_scaffold00991_87362	Ca_desi_scaffold	87362	[T/C]	NA
Ca_Desi_Ch_scaffold00991_87698	Ca_desi_scaffold	87698	[T/C]	NA
Ca_Desi_Ch_scaffold00991_89365	Ca_desi_scaffold	89365	[C/A]	NA
Ca_Desi_Ch_scaffold00991_89610	Ca_desi_scaffold	89610	[C/A]	NA
Ca_Desi_Ch_scaffold00991_115244	Ca_desi_scaffold	115244	[T/G]	NA
Ca_Desi_Ch_scaffold00991_115265	Ca_desi_scaffold	115265	[T/C]	NA
Ca_Desi_Ch_scaffold00991_115504	Ca_desi_scaffold	115504	[G/A]	NA
Ca_Desi_Ch_scaffold00991_115512	Ca_desi_scaffold	115512	[T/C]	NA
Ca_Desi_Ch_scaffold00991_115543	Ca_desi_scaffold	115543	[T/G]	NA
Ca_Desi_Ch_scaffold00992_29190	Ca_desi_scaffold	29190	[C/A]	NA
Ca_Desi_Ch_scaffold00992_29280	Ca_desi_scaffold	29280	[T/A]	NA
Ca_Desi_Ch_scaffold00992_29291	Ca_desi_scaffold	29291	[G/A]	NA
Ca_Desi_Ch_scaffold00992_29329	Ca_desi_scaffold	29329	[A/C]	NA
Ca_Desi_Ch_scaffold00992_35274	Ca_desi_scaffold	35274	[T/C]	NA
Ca_Desi_Ch_scaffold00998_107442	Ca_desi_scaffold	107442	[A/G]	NA
Ca_Desi_Ch_scaffold00998_107446	Ca_desi_scaffold	107446	[T/G]	NA
Ca_Desi_Ch_scaffold16742_53670	Ca_desi_scaffold	53670	[A/C]	NA
Ca_Desi_Ch_scaffold16742_53686	Ca_desi_scaffold	53686	[T/C]	NA
Ca_Desi_Ch_scaffold16742_53689	Ca_desi_scaffold	53689	[T/C]	NA
Ca_Desi_Ch_scaffold16742_53704	Ca_desi_scaffold	53704	[T/G]	NA
Ca_Desi_Ch_scaffold16742_53706	Ca_desi_scaffold	53706	[T/G]	NA
Ca_Desi_Ch_scaffold16742_53709	Ca_desi_scaffold	53709	[C/T]	NA
Ca_Desi_Ch_scaffold16742_53711	Ca_desi_scaffold	53711	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold16742_53715	Ca_desi_scaffold	53715	[A/T]	NA
Ca_Desi_Ch_scaffold16742_53716	Ca_desi_scaffold	53716	[G/T]	NA
Ca_Desi_Ch_scaffold16742_53717	Ca_desi_scaffold	53717	[T/G]	NA
Ca_Desi_Ch_scaffold16742_53719	Ca_desi_scaffold	53719	[T/G]	NA
Ca_Desi_Ch_scaffold16742_53721	Ca_desi_scaffold	53721	[G/T]	NA
Ca_Desi_Ch_scaffold16742_102362	Ca_desi_scaffold	102362	[A/G]	NA
Ca_Desi_Ch_scaffold16742_102367	Ca_desi_scaffold	102367	[T/G]	NA
Ca_Desi_Ch_scaffold16742_138407	Ca_desi_scaffold	138407	[G/T]	NA
Ca_Desi_Ch_scaffold16742_153238	Ca_desi_scaffold	153238	[T/C]	NA
Ca_Desi_Ch_scaffold01310_36418	Ca_desi_scaffold	36418	[A/C]	NA
Ca_Desi_Ch_scaffold01310_36429	Ca_desi_scaffold	36429	[T/C]	NA
Ca_Desi_Ch_scaffold01310_36434	Ca_desi_scaffold	36434	[T/A]	NA
Ca_Desi_Ch_scaffold01310_36436	Ca_desi_scaffold	36436	[A/C]	NA
Ca_Desi_Ch_scaffold01310_36451	Ca_desi_scaffold	36451	[T/C]	NA
Ca_Desi_Ch_scaffold01310_38357	Ca_desi_scaffold	38357	[A/G]	NA
Ca_Desi_Ch_scaffold01310_38362	Ca_desi_scaffold	38362	[T/A]	NA
Ca_Desi_Ch_scaffold01310_38381	Ca_desi_scaffold	38381	[A/G]	NA
Ca_Desi_Ch_scaffold01310_38392	Ca_desi_scaffold	38392	[A/C]	NA
Ca_Desi_Ch_scaffold01310_39671	Ca_desi_scaffold	39671	[A/C]	NA
Ca_Desi_Ch_scaffold01310_39730	Ca_desi_scaffold	39730	[T/C]	NA
Ca_Desi_Ch_scaffold01310_39734	Ca_desi_scaffold	39734	[A/G]	NA
Ca_Desi_Ch_scaffold01310_39745	Ca_desi_scaffold	39745	[A/C]	NA
Ca_Desi_Ch_scaffold01310_39747	Ca_desi_scaffold	39747	[T/C]	NA
Ca_Desi_Ch_scaffold01310_39750	Ca_desi_scaffold	39750	[A/C]	NA
Ca_Desi_Ch_scaffold01310_39754	Ca_desi_scaffold	39754	[A/G]	NA
Ca_Desi_Ch_scaffold01310_39764	Ca_desi_scaffold	39764	[A/G]	NA
Ca_Desi_Ch_scaffold01310_39770	Ca_desi_scaffold	39770	[T/A]	NA
Ca_Desi_Ch_scaffold01475_85295	Ca_desi_scaffold	85295	[C/A]	NA
Ca_Desi_Ch_scaffold01475_85296	Ca_desi_scaffold	85296	[T/G]	NA
Ca_Desi_Ch_scaffold01475_196371	Ca_desi_scaffold	196371	[A/T]	NA
Ca_Desi_Ch_scaffold01475_196397	Ca_desi_scaffold	196397	[C/A]	NA
Ca_Desi_Ch_scaffold01475_196398	Ca_desi_scaffold	196398	[A/G]	NA
Ca_Desi_Ch_scaffold01023_202623	Ca_desi_scaffold	202623	[A/T]	NA
Ca_Desi_Ch_scaffold01037_80211	Ca_desi_scaffold	80211	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01428_12147	Ca_desig_scaffold	12147	[T/A]	NA
Ca_Desig_Chr_scaffold01428_12192	Ca_desig_scaffold	12192	[A/C]	NA
Ca_Desig_Chr_scaffold02139_138585	Ca_desig_scaffold	138585	[A/G]	NA
Ca_Desig_Chr_scaffold01056_19323	Ca_desig_scaffold	19323	[T/G]	NA
Ca_Desig_Chr_scaffold01056_19327	Ca_desig_scaffold	19327	[G/A]	NA
Ca_Desig_Chr_scaffold01056_20562	Ca_desig_scaffold	20562	[T/C]	NA
Ca_Desig_Chr_scaffold01056_159467	Ca_desig_scaffold	159467	[T/G]	NA
Ca_Desig_Chr_scaffold01056_159482	Ca_desig_scaffold	159482	[A/G]	NA
Ca_Desig_Chr_scaffold01056_159491	Ca_desig_scaffold	159491	[C/G]	NA
Ca_Desig_Chr_scaffold01056_159497	Ca_desig_scaffold	159497	[A/G]	NA
Ca_Desig_Chr_scaffold01056_159503	Ca_desig_scaffold	159503	[A/G]	NA
Ca_Desig_Chr_scaffold01056_258498	Ca_desig_scaffold	258498	[T/A]	NA
Ca_Desig_Chr_scaffold01056_259963	Ca_desig_scaffold	259963	[A/C]	NA
Ca_Desig_Chr_scaffold01060_33519	Ca_desig_scaffold	33519	[A/G]	NA
Ca_Desig_Chr_scaffold01090_8678	Ca_desig_scaffold	8678	[A/C]	NA
Ca_Desig_Chr_scaffold01090_8679	Ca_desig_scaffold	8679	[G/A]	NA
Ca_Desig_Chr_scaffold01090_8680	Ca_desig_scaffold	8680	[A/T]	NA
Ca_Desig_Chr_scaffold01090_8681	Ca_desig_scaffold	8681	[T/G]	NA
Ca_Desig_Chr_scaffold01090_78540	Ca_desig_scaffold	78540	[T/G]	NA
Ca_Desig_Chr_scaffold02975_39685	Ca_desig_scaffold	39685	[T/C]	NA
Ca_Desig_Chr_scaffold02975_39695	Ca_desig_scaffold	39695	[T/C]	NA
Ca_Desig_Chr_scaffold02975_39705	Ca_desig_scaffold	39705	[A/G]	NA
Ca_Desig_Chr_scaffold02975_39708	Ca_desig_scaffold	39708	[A/G]	NA
Ca_Desig_Chr_scaffold02975_39727	Ca_desig_scaffold	39727	[A/C]	NA
Ca_Desig_Chr_scaffold02975_39735	Ca_desig_scaffold	39735	[A/C]	NA
Ca_Desig_Chr_scaffold02975_39738	Ca_desig_scaffold	39738	[A/G]	NA
Ca_Desig_Chr_scaffold02975_41471	Ca_desig_scaffold	41471	[T/C]	NA
Ca_Desig_Chr_scaffold02975_41484	Ca_desig_scaffold	41484	[A/C]	NA
Ca_Desig_Chr_scaffold02975_41488	Ca_desig_scaffold	41488	[A/G]	NA
Ca_Desig_Chr_scaffold02975_92132	Ca_desig_scaffold	92132	[T/G]	NA
Ca_Desig_Chr_scaffold09892_17168	Ca_desig_scaffold	17168	[T/C]	NA
Ca_Desig_Chr_scaffold09892_17195	Ca_desig_scaffold	17195	[T/G]	NA
Ca_Desig_Chr_scaffold09892_17207	Ca_desig_scaffold	17207	[A/G]	NA
Ca_Desig_Chr_scaffold09892_17212	Ca_desig_scaffold	17212	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold09892_56240	Ca_desi_scaffold	56240	[C/T]	NA
Ca_Desi_Ch_scaffold09892_56292	Ca_desi_scaffold	56292	[C/G]	NA
Ca_Desi_Ch_scaffold09892_56295	Ca_desi_scaffold	56295	[T/C]	NA
Ca_Desi_Ch_scaffold09892_56325	Ca_desi_scaffold	56325	[T/A]	NA
Ca_Desi_Ch_scaffold09892_56344	Ca_desi_scaffold	56344	[A/C]	NA
Ca_Desi_Ch_scaffold09892_56684	Ca_desi_scaffold	56684	[G/C]	NA
Ca_Desi_Ch_scaffold02111_126201	Ca_desi_scaffold	126201	[G/A]	NA
Ca_Desi_Ch_scaffold01129_47300	Ca_desi_scaffold	47300	[T/G]	NA
Ca_Desi_Ch_scaffold01129_86637	Ca_desi_scaffold	86637	[A/G]	NA
Ca_Desi_Ch_scaffold01129_86651	Ca_desi_scaffold	86651	[T/C]	NA
Ca_Desi_Ch_scaffold01129_86668	Ca_desi_scaffold	86668	[T/G]	NA
Ca_Desi_Ch_scaffold01129_86679	Ca_desi_scaffold	86679	[A/G]	NA
Ca_Desi_Ch_scaffold01129_86718	Ca_desi_scaffold	86718	[T/G]	NA
Ca_Desi_Ch_scaffold01129_86727	Ca_desi_scaffold	86727	[T/G]	NA
Ca_Desi_Ch_scaffold01129_86729	Ca_desi_scaffold	86729	[A/G]	NA
Ca_Desi_Ch_scaffold01129_86744	Ca_desi_scaffold	86744	[T/C]	NA
Ca_Desi_Ch_scaffold01129_86745	Ca_desi_scaffold	86745	[T/C]	NA
Ca_Desi_Ch_scaffold01139_12471	Ca_desi_scaffold	12471	[T/C]	NA
Ca_Desi_Ch_scaffold01139_12490	Ca_desi_scaffold	12490	[T/C]	NA
Ca_Desi_Ch_scaffold01139_12509	Ca_desi_scaffold	12509	[A/G]	NA
Ca_Desi_Ch_scaffold01139_12515	Ca_desi_scaffold	12515	[A/G]	NA
Ca_Desi_Ch_scaffold01139_12520	Ca_desi_scaffold	12520	[A/G]	NA
Ca_Desi_Ch_scaffold01139_12522	Ca_desi_scaffold	12522	[A/G]	NA
Ca_Desi_Ch_scaffold01139_12523	Ca_desi_scaffold	12523	[G/A]	NA
Ca_Desi_Ch_scaffold01139_12526	Ca_desi_scaffold	12526	[T/G]	NA
Ca_Desi_Ch_scaffold01139_112437	Ca_desi_scaffold	112437	[T/C]	NA
Ca_Desi_Ch_scaffold01139_115640	Ca_desi_scaffold	115640	[A/C]	NA
Ca_Desi_Ch_scaffold02589_32614	Ca_desi_scaffold	32614	[T/C]	NA
Ca_Desi_Ch_scaffold02589_32649	Ca_desi_scaffold	32649	[G/C]	NA
Ca_Desi_Ch_scaffold02589_32662	Ca_desi_scaffold	32662	[A/G]	NA
Ca_Desi_Ch_scaffold02589_32668	Ca_desi_scaffold	32668	[A/C]	NA
Ca_Desi_Ch_scaffold02589_32685	Ca_desi_scaffold	32685	[T/G]	NA
Ca_Desi_Ch_scaffold02589_61095	Ca_desi_scaffold	61095	[A/C]	NA
Ca_Desi_Ch_scaffold02589_61340	Ca_desi_scaffold	61340	[G/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold02589_61341	Ca_desig_scaffold	61341	[C/G]	NA
Ca_Desig_Chr_scaffold02589_61342	Ca_desig_scaffold	61342	[A/C]	NA
Ca_Desig_Chr_scaffold02589_90378	Ca_desig_scaffold	90378	[A/G]	NA
Ca_Desig_Chr_scaffold02589_90384	Ca_desig_scaffold	90384	[T/C]	NA
Ca_Desig_Chr_scaffold02589_90391	Ca_desig_scaffold	90391	[A/G]	NA
Ca_Desig_Chr_scaffold02589_90402	Ca_desig_scaffold	90402	[A/G]	NA
Ca_Desig_Chr_scaffold01333_163435	Ca_desig_scaffold	163435	[T/A]	NA
Ca_Desig_Chr_scaffold01162_31566	Ca_desig_scaffold	31566	[T/G]	NA
Ca_Desig_Chr_scaffold01162_32001	Ca_desig_scaffold	32001	[A/T]	NA
Ca_Desig_Chr_scaffold01165_74055	Ca_desig_scaffold	74055	[T/G]	NA
Ca_Desig_Chr_scaffold01165_74061	Ca_desig_scaffold	74061	[T/C]	NA
Ca_Desig_Chr_scaffold01165_74065	Ca_desig_scaffold	74065	[A/C]	NA
Ca_Desig_Chr_scaffold01165_74071	Ca_desig_scaffold	74071	[A/G]	NA
Ca_Desig_Chr_scaffold01165_74073	Ca_desig_scaffold	74073	[A/C]	NA
Ca_Desig_Chr_scaffold01165_74080	Ca_desig_scaffold	74080	[T/C]	NA
Ca_Desig_Chr_scaffold01165_74085	Ca_desig_scaffold	74085	[T/A]	NA
Ca_Desig_Chr_scaffold01170_41519	Ca_desig_scaffold	41519	[A/G]	NA
Ca_Desig_Chr_scaffold01170_41523	Ca_desig_scaffold	41523	[T/G]	NA
Ca_Desig_Chr_scaffold01170_41530	Ca_desig_scaffold	41530	[C/T]	NA
Ca_Desig_Chr_scaffold01170_41553	Ca_desig_scaffold	41553	[A/G]	NA
Ca_Desig_Chr_scaffold01170_46414	Ca_desig_scaffold	46414	[A/T]	NA
Ca_Desig_Chr_scaffold01170_46421	Ca_desig_scaffold	46421	[T/C]	NA
Ca_Desig_Chr_scaffold01170_46426	Ca_desig_scaffold	46426	[T/C]	NA
Ca_Desig_Chr_scaffold01170_46429	Ca_desig_scaffold	46429	[A/T]	NA
Ca_Desig_Chr_scaffold01170_46441	Ca_desig_scaffold	46441	[T/C]	NA
Ca_Desig_Chr_scaffold01170_46443	Ca_desig_scaffold	46443	[A/G]	NA
Ca_Desig_Chr_scaffold01170_46445	Ca_desig_scaffold	46445	[A/G]	NA
Ca_Desig_Chr_scaffold01170_46446	Ca_desig_scaffold	46446	[A/G]	NA
Ca_Desig_Chr_scaffold01170_46450	Ca_desig_scaffold	46450	[A/G]	NA
Ca_Desig_Chr_scaffold01170_46459	Ca_desig_scaffold	46459	[T/A]	NA
Ca_Desig_Chr_scaffold01170_66464	Ca_desig_scaffold	66464	[A/T]	NA
Ca_Desig_Chr_scaffold01170_76389	Ca_desig_scaffold	76389	[A/T]	NA
Ca_Desig_Chr_scaffold01170_76391	Ca_desig_scaffold	76391	[T/C]	NA
Ca_Desig_Chr_scaffold01170_76412	Ca_desig_scaffold	76412	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01170_76418	Ca_desi_scaffold	76418	[A/G]	NA
Ca_Desi_Ch_scaffold01170_76419	Ca_desi_scaffold	76419	[A/G]	NA
Ca_Desi_Ch_scaffold01170_76432	Ca_desi_scaffold	76432	[T/C]	NA
Ca_Desi_Ch_scaffold01170_78811	Ca_desi_scaffold	78811	[A/G]	NA
Ca_Desi_Ch_scaffold01180_14446	Ca_desi_scaffold	14446	[T/G]	NA
Ca_Desi_Ch_scaffold01180_20980	Ca_desi_scaffold	20980	[T/G]	NA
Ca_Desi_Ch_scaffold01194_71440	Ca_desi_scaffold	71440	[T/C]	NA
Ca_Desi_Ch_scaffold01194_71444	Ca_desi_scaffold	71444	[A/T]	NA
Ca_Desi_Ch_scaffold01194_71448	Ca_desi_scaffold	71448	[A/T]	NA
Ca_Desi_Ch_scaffold01197_29353	Ca_desi_scaffold	29353	[T/G]	NA
Ca_Desi_Ch_scaffold01208_35043	Ca_desi_scaffold	35043	[G/T]	NA
Ca_Desi_Ch_scaffold01208_39821	Ca_desi_scaffold	39821	[A/T]	NA
Ca_Desi_Ch_scaffold01208_40846	Ca_desi_scaffold	40846	[A/G]	NA
Ca_Desi_Ch_scaffold01208_45361	Ca_desi_scaffold	45361	[T/A]	NA
Ca_Desi_Ch_scaffold01208_45364	Ca_desi_scaffold	45364	[C/T]	NA
Ca_Desi_Ch_scaffold01208_45380	Ca_desi_scaffold	45380	[A/C]	NA
Ca_Desi_Ch_scaffold01208_48308	Ca_desi_scaffold	48308	[T/G]	NA
Ca_Desi_Ch_scaffold01208_48441	Ca_desi_scaffold	48441	[T/A]	NA
Ca_Desi_Ch_scaffold01208_48459	Ca_desi_scaffold	48459	[T/C]	NA
Ca_Desi_Ch_scaffold01208_48479	Ca_desi_scaffold	48479	[A/G]	NA
Ca_Desi_Ch_scaffold01208_48486	Ca_desi_scaffold	48486	[A/G]	NA
Ca_Desi_Ch_scaffold01208_48488	Ca_desi_scaffold	48488	[A/G]	NA
Ca_Desi_Ch_scaffold01858_152874	Ca_desi_scaffold	152874	[A/G]	NA
Ca_Desi_Ch_scaffold01858_152999	Ca_desi_scaffold	152999	[G/A]	NA
Ca_Desi_Ch_scaffold01858_157787	Ca_desi_scaffold	157787	[T/C]	NA
Ca_Desi_Ch_scaffold01296_12626	Ca_desi_scaffold	12626	[G/A]	NA
Ca_Desi_Ch_scaffold01296_13845	Ca_desi_scaffold	13845	[A/G]	NA
Ca_Desi_Ch_scaffold01296_179500	Ca_desi_scaffold	179500	[T/G]	NA
Ca_Desi_Ch_scaffold01296_190619	Ca_desi_scaffold	190619	[T/C]	NA
Ca_Desi_Ch_scaffold01223_55186	Ca_desi_scaffold	55186	[T/C]	NA
Ca_Desi_Ch_scaffold01223_66232	Ca_desi_scaffold	66232	[T/A]	NA
Ca_Desi_Ch_scaffold01223_66235	Ca_desi_scaffold	66235	[T/C]	NA
Ca_Desi_Ch_scaffold01223_66244	Ca_desi_scaffold	66244	[G/A]	NA
Ca_Desi_Ch_scaffold01223_66245	Ca_desi_scaffold	66245	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01223_66260	Ca_desig_scaffold	66260	[A/G]	NA
Ca_Desig_Chr_scaffold01223_66267	Ca_desig_scaffold	66267	[A/G]	NA
Ca_Desig_Chr_scaffold01247_9911	Ca_desig_scaffold	9911	[T/G]	NA
Ca_Desig_Chr_scaffold01247_9960	Ca_desig_scaffold	9960	[A/G]	NA
Ca_Desig_Chr_scaffold01247_12632	Ca_desig_scaffold	12632	[C/T]	NA
Ca_Desig_Chr_scaffold01247_52169	Ca_desig_scaffold	52169	[T/C]	NA
Ca_Desig_Chr_scaffold01247_52172	Ca_desig_scaffold	52172	[T/C]	NA
Ca_Desig_Chr_scaffold01247_52194	Ca_desig_scaffold	52194	[A/G]	NA
Ca_Desig_Chr_scaffold01247_52208	Ca_desig_scaffold	52208	[T/C]	NA
Ca_Desig_Chr_scaffold01247_105611	Ca_desig_scaffold	105611	[A/C]	NA
Ca_Desig_Chr_scaffold01262_34830	Ca_desig_scaffold	34830	[A/G]	NA
Ca_Desig_Chr_scaffold01262_34856	Ca_desig_scaffold	34856	[C/A]	NA
Ca_Desig_Chr_scaffold01262_34867	Ca_desig_scaffold	34867	[A/G]	NA
Ca_Desig_Chr_scaffold01262_53691	Ca_desig_scaffold	53691	[A/C]	NA
Ca_Desig_Chr_scaffold01262_58420	Ca_desig_scaffold	58420	[C/A]	NA
Ca_Desig_Chr_scaffold01262_58421	Ca_desig_scaffold	58421	[A/G]	NA
Ca_Desig_Chr_scaffold01262_58422	Ca_desig_scaffold	58422	[T/A]	NA
Ca_Desig_Chr_scaffold01287_34358	Ca_desig_scaffold	34358	[A/G]	NA
Ca_Desig_Chr_scaffold01287_34369	Ca_desig_scaffold	34369	[A/G]	NA
Ca_Desig_Chr_scaffold01287_34403	Ca_desig_scaffold	34403	[T/C]	NA
Ca_Desig_Chr_scaffold01287_34404	Ca_desig_scaffold	34404	[T/C]	NA
Ca_Desig_Chr_scaffold01287_34415	Ca_desig_scaffold	34415	[A/C]	NA
Ca_Desig_Chr_scaffold01287_35794	Ca_desig_scaffold	35794	[T/G]	NA
Ca_Desig_Chr_scaffold01287_35805	Ca_desig_scaffold	35805	[T/G]	NA
Ca_Desig_Chr_scaffold01287_35814	Ca_desig_scaffold	35814	[T/G]	NA
Ca_Desig_Chr_scaffold01281_1821	Ca_desig_scaffold	1821	[T/C]	NA
Ca_Desig_Chr_scaffold01281_1871	Ca_desig_scaffold	1871	[A/G]	NA
Ca_Desig_Chr_scaffold01336_28704	Ca_desig_scaffold	28704	[A/G]	NA
Ca_Desig_Chr_scaffold01336_28713	Ca_desig_scaffold	28713	[T/C]	NA
Ca_Desig_Chr_scaffold01336_28719	Ca_desig_scaffold	28719	[T/G]	NA
Ca_Desig_Chr_scaffold01336_28722	Ca_desig_scaffold	28722	[T/G]	NA
Ca_Desig_Chr_scaffold01336_28728	Ca_desig_scaffold	28728	[T/G]	NA
Ca_Desig_Chr_scaffold01336_28729	Ca_desig_scaffold	28729	[G/A]	NA
Ca_Desig_Chr_scaffold01336_28731	Ca_desig_scaffold	28731	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01336_28732	Ca_desig_scaffold	28732	[T/G]	NA
Ca_Desig_Chr_scaffold01336_28736	Ca_desig_scaffold	28736	[A/G]	NA
Ca_Desig_Chr_scaffold01336_28739	Ca_desig_scaffold	28739	[A/G]	NA
Ca_Desig_Chr_scaffold01336_28745	Ca_desig_scaffold	28745	[A/G]	NA
Ca_Desig_Chr_scaffold01336_28755	Ca_desig_scaffold	28755	[A/G]	NA
Ca_Desig_Chr_scaffold01336_28757	Ca_desig_scaffold	28757	[A/G]	NA
Ca_Desig_Chr_scaffold01336_28758	Ca_desig_scaffold	28758	[A/G]	NA
Ca_Desig_Chr_scaffold01336_28760	Ca_desig_scaffold	28760	[A/G]	NA
Ca_Desig_Chr_scaffold01336_28761	Ca_desig_scaffold	28761	[A/G]	NA
Ca_Desig_Chr_scaffold01344_28018	Ca_desig_scaffold	28018	[T/G]	NA
Ca_Desig_Chr_scaffold01344_37677	Ca_desig_scaffold	37677	[A/C]	NA
Ca_Desig_Chr_scaffold01344_37685	Ca_desig_scaffold	37685	[T/C]	NA
Ca_Desig_Chr_scaffold01346_38572	Ca_desig_scaffold	38572	[T/G]	NA
Ca_Desig_Chr_scaffold01347_9997	Ca_desig_scaffold	9997	[A/T]	NA
Ca_Desig_Chr_scaffold01347_10005	Ca_desig_scaffold	10005	[C/T]	NA
Ca_Desig_Chr_scaffold01347_10056	Ca_desig_scaffold	10056	[A/T]	NA
Ca_Desig_Chr_scaffold01347_10104	Ca_desig_scaffold	10104	[T/C]	NA
Ca_Desig_Chr_scaffold01347_26418	Ca_desig_scaffold	26418	[A/C]	NA
Ca_Desig_Chr_scaffold01347_57864	Ca_desig_scaffold	57864	[A/G]	NA
Ca_Desig_Chr_scaffold01347_57886	Ca_desig_scaffold	57886	[T/C]	NA
Ca_Desig_Chr_scaffold01347_72423	Ca_desig_scaffold	72423	[T/C]	NA
Ca_Desig_Chr_scaffold01347_72430	Ca_desig_scaffold	72430	[A/G]	NA
Ca_Desig_Chr_scaffold01347_72438	Ca_desig_scaffold	72438	[T/G]	NA
Ca_Desig_Chr_scaffold01347_72440	Ca_desig_scaffold	72440	[A/G]	NA
Ca_Desig_Chr_scaffold01347_72447	Ca_desig_scaffold	72447	[T/C]	NA
Ca_Desig_Chr_scaffold01347_72462	Ca_desig_scaffold	72462	[T/C]	NA
Ca_Desig_Chr_scaffold01347_72465	Ca_desig_scaffold	72465	[A/T]	NA
Ca_Desig_Chr_scaffold01347_72487	Ca_desig_scaffold	72487	[T/C]	NA
Ca_Desig_Chr_scaffold01347_72507	Ca_desig_scaffold	72507	[A/G]	NA
Ca_Desig_Chr_scaffold01353_6421	Ca_desig_scaffold	6421	[T/C]	NA
Ca_Desig_Chr_scaffold01353_6535	Ca_desig_scaffold	6535	[A/G]	NA
Ca_Desig_Chr_scaffold01353_6541	Ca_desig_scaffold	6541	[T/C]	NA
Ca_Desig_Chr_scaffold01353_6544	Ca_desig_scaffold	6544	[T/C]	NA
Ca_Desig_Chr_scaffold01353_6556	Ca_desig_scaffold	6556	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01353_6570	Ca_desi_scaffold	6570	[T/C]	NA
Ca_Desi_Ch_scaffold01353_6572	Ca_desi_scaffold	6572	[T/G]	NA
Ca_Desi_Ch_scaffold01353_6577	Ca_desi_scaffold	6577	[A/G]	NA
Ca_Desi_Ch_scaffold01353_6581	Ca_desi_scaffold	6581	[T/A]	NA
Ca_Desi_Ch_scaffold01353_6997	Ca_desi_scaffold	6997	[T/G]	NA
Ca_Desi_Ch_scaffold01353_7025	Ca_desi_scaffold	7025	[T/C]	NA
Ca_Desi_Ch_scaffold01353_11083	Ca_desi_scaffold	11083	[T/C]	NA
Ca_Desi_Ch_scaffold01353_11109	Ca_desi_scaffold	11109	[A/G]	NA
Ca_Desi_Ch_scaffold01353_11131	Ca_desi_scaffold	11131	[A/G]	NA
Ca_Desi_Ch_scaffold01353_11146	Ca_desi_scaffold	11146	[A/G]	NA
Ca_Desi_Ch_scaffold01353_27222	Ca_desi_scaffold	27222	[T/G]	NA
Ca_Desi_Ch_scaffold01353_27241	Ca_desi_scaffold	27241	[A/G]	NA
Ca_Desi_Ch_scaffold01353_27248	Ca_desi_scaffold	27248	[A/C]	NA
Ca_Desi_Ch_scaffold01353_27270	Ca_desi_scaffold	27270	[T/C]	NA
Ca_Desi_Ch_scaffold01353_27274	Ca_desi_scaffold	27274	[T/C]	NA
Ca_Desi_Ch_scaffold01353_27278	Ca_desi_scaffold	27278	[A/C]	NA
Ca_Desi_Ch_scaffold01353_27282	Ca_desi_scaffold	27282	[A/C]	NA
Ca_Desi_Ch_scaffold01355_43980	Ca_desi_scaffold	43980	[T/G]	NA
Ca_Desi_Ch_scaffold01355_44028	Ca_desi_scaffold	44028	[T/G]	NA
Ca_Desi_Ch_scaffold01355_67945	Ca_desi_scaffold	67945	[T/C]	NA
Ca_Desi_Ch_scaffold01355_67963	Ca_desi_scaffold	67963	[C/A]	NA
Ca_Desi_Ch_scaffold01355_67977	Ca_desi_scaffold	67977	[T/C]	NA
Ca_Desi_Ch_scaffold01355_113059	Ca_desi_scaffold	113059	[A/C]	NA
Ca_Desi_Ch_scaffold01355_130185	Ca_desi_scaffold	130185	[T/C]	NA
Ca_Desi_Ch_scaffold01355_131078	Ca_desi_scaffold	131078	[T/C]	NA
Ca_Desi_Ch_scaffold01362_16604	Ca_desi_scaffold	16604	[A/C]	NA
Ca_Desi_Ch_scaffold01362_17473	Ca_desi_scaffold	17473	[A/G]	NA
Ca_Desi_Ch_scaffold01365_70792	Ca_desi_scaffold	70792	[T/G]	NA
Ca_Desi_Ch_scaffold01365_70828	Ca_desi_scaffold	70828	[A/C]	NA
Ca_Desi_Ch_scaffold01365_70835	Ca_desi_scaffold	70835	[A/C]	NA
Ca_Desi_Ch_scaffold02130_54443	Ca_desi_scaffold	54443	[A/G]	NA
Ca_Desi_Ch_scaffold02130_58759	Ca_desi_scaffold	58759	[A/C]	NA
Ca_Desi_Ch_scaffold02130_58774	Ca_desi_scaffold	58774	[A/C]	NA
Ca_Desi_Ch_scaffold02130_60116	Ca_desi_scaffold	60116	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02130_60162	Ca_desi_scaffold	60162	[A/G]	NA
Ca_Desi_Ch_scaffold02761_14936	Ca_desi_scaffold	14936	[G/T]	NA
Ca_Desi_Ch_scaffold02761_113671	Ca_desi_scaffold	113671	[T/A]	NA
Ca_Desi_Ch_scaffold02761_113695	Ca_desi_scaffold	113695	[C/T]	NA
Ca_Desi_Ch_scaffold02761_113703	Ca_desi_scaffold	113703	[C/T]	NA
Ca_Desi_Ch_scaffold02761_113712	Ca_desi_scaffold	113712	[G/T]	NA
Ca_Desi_Ch_scaffold01408_24105	Ca_desi_scaffold	24105	[A/G]	NA
Ca_Desi_Ch_scaffold01413_6273	Ca_desi_scaffold	6273	[G/A]	NA
Ca_Desi_Ch_scaffold01413_7534	Ca_desi_scaffold	7534	[A/C]	NA
Ca_Desi_Ch_scaffold01413_7876	Ca_desi_scaffold	7876	[A/C]	NA
Ca_Desi_Ch_scaffold01413_37194	Ca_desi_scaffold	37194	[A/G]	NA
Ca_Desi_Ch_scaffold01413_37235	Ca_desi_scaffold	37235	[A/G]	NA
Ca_Desi_Ch_scaffold01413_39751	Ca_desi_scaffold	39751	[A/T]	NA
Ca_Desi_Ch_scaffold01413_39769	Ca_desi_scaffold	39769	[C/T]	NA
Ca_Desi_Ch_scaffold01413_39770	Ca_desi_scaffold	39770	[G/A]	NA
Ca_Desi_Ch_scaffold01413_39841	Ca_desi_scaffold	39841	[C/T]	NA
Ca_Desi_Ch_scaffold01413_57016	Ca_desi_scaffold	57016	[A/G]	NA
Ca_Desi_Ch_scaffold01413_57054	Ca_desi_scaffold	57054	[C/A]	NA
Ca_Desi_Ch_scaffold02009_65888	Ca_desi_scaffold	65888	[T/A]	NA
Ca_Desi_Ch_scaffold02009_65891	Ca_desi_scaffold	65891	[T/G]	NA
Ca_Desi_Ch_scaffold02009_89356	Ca_desi_scaffold	89356	[A/T]	NA
Ca_Desi_Ch_scaffold02009_109337	Ca_desi_scaffold	109337	[T/A]	NA
Ca_Desi_Ch_scaffold01829_142603	Ca_desi_scaffold	142603	[G/C]	NA
Ca_Desi_Ch_scaffold01829_142943	Ca_desi_scaffold	142943	[C/T]	NA
Ca_Desi_Ch_scaffold01829_147706	Ca_desi_scaffold	147706	[A/C]	NA
Ca_Desi_Ch_scaffold01829_147726	Ca_desi_scaffold	147726	[T/A]	NA
Ca_Desi_Ch_scaffold01829_147727	Ca_desi_scaffold	147727	[A/T]	NA
Ca_Desi_Ch_scaffold01829_147734	Ca_desi_scaffold	147734	[T/C]	NA
Ca_Desi_Ch_scaffold01829_150289	Ca_desi_scaffold	150289	[G/A]	NA
Ca_Desi_Ch_scaffold01432_42553	Ca_desi_scaffold	42553	[A/G]	NA
Ca_Desi_Ch_scaffold01437_69716	Ca_desi_scaffold	69716	[A/C]	NA
Ca_Desi_Ch_scaffold01437_69813	Ca_desi_scaffold	69813	[A/G]	NA
Ca_Desi_Ch_scaffold01437_69833	Ca_desi_scaffold	69833	[T/C]	NA
Ca_Desi_Ch_scaffold01445_36153	Ca_desi_scaffold	36153	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01445_36160	Ca_desig_scaffold	36160	[A/C]	NA
Ca_Desig_Chr_scaffold01445_36167	Ca_desig_scaffold	36167	[C/A]	NA
Ca_Desig_Chr_scaffold01445_36174	Ca_desig_scaffold	36174	[A/T]	NA
Ca_Desig_Chr_scaffold01450_55833	Ca_desig_scaffold	55833	[A/T]	NA
Ca_Desig_Chr_scaffold01451_65129	Ca_desig_scaffold	65129	[T/A]	NA
Ca_Desig_Chr_scaffold02251_71840	Ca_desig_scaffold	71840	[A/C]	NA
Ca_Desig_Chr_scaffold02251_71852	Ca_desig_scaffold	71852	[A/C]	NA
Ca_Desig_Chr_scaffold02251_71854	Ca_desig_scaffold	71854	[A/C]	NA
Ca_Desig_Chr_scaffold02251_71859	Ca_desig_scaffold	71859	[A/C]	NA
Ca_Desig_Chr_scaffold02251_71872	Ca_desig_scaffold	71872	[A/G]	NA
Ca_Desig_Chr_scaffold02251_71931	Ca_desig_scaffold	71931	[C/G]	NA
Ca_Desig_Chr_scaffold02251_71932	Ca_desig_scaffold	71932	[T/C]	NA
Ca_Desig_Chr_scaffold02251_71933	Ca_desig_scaffold	71933	[T/C]	NA
Ca_Desig_Chr_scaffold02251_71948	Ca_desig_scaffold	71948	[T/C]	NA
Ca_Desig_Chr_scaffold02251_71958	Ca_desig_scaffold	71958	[A/G]	NA
Ca_Desig_Chr_scaffold02251_71959	Ca_desig_scaffold	71959	[A/C]	NA
Ca_Desig_Chr_scaffold02251_71963	Ca_desig_scaffold	71963	[T/C]	NA
Ca_Desig_Chr_scaffold02251_71977	Ca_desig_scaffold	71977	[A/C]	NA
Ca_Desig_Chr_scaffold02251_71982	Ca_desig_scaffold	71982	[A/C]	NA
Ca_Desig_Chr_scaffold02251_115512	Ca_desig_scaffold	115512	[T/G]	NA
Ca_Desig_Chr_scaffold02251_115534	Ca_desig_scaffold	115534	[A/C]	NA
Ca_Desig_Chr_scaffold02251_115539	Ca_desig_scaffold	115539	[C/G]	NA
Ca_Desig_Chr_scaffold02788_154006	Ca_desig_scaffold	154006	[T/G]	NA
Ca_Desig_Chr_scaffold02788_154008	Ca_desig_scaffold	154008	[T/C]	NA
Ca_Desig_Chr_scaffold02788_154013	Ca_desig_scaffold	154013	[T/G]	NA
Ca_Desig_Chr_scaffold02788_154017	Ca_desig_scaffold	154017	[T/G]	NA
Ca_Desig_Chr_scaffold02317_103744	Ca_desig_scaffold	103744	[T/G]	NA
Ca_Desig_Chr_scaffold02317_103749	Ca_desig_scaffold	103749	[A/T]	NA
Ca_Desig_Chr_scaffold01473_83793	Ca_desig_scaffold	83793	[A/G]	NA
Ca_Desig_Chr_scaffold01473_83797	Ca_desig_scaffold	83797	[T/G]	NA
Ca_Desig_Chr_scaffold01473_83805	Ca_desig_scaffold	83805	[T/G]	NA
Ca_Desig_Chr_scaffold01473_83809	Ca_desig_scaffold	83809	[T/G]	NA
Ca_Desig_Chr_scaffold01473_83812	Ca_desig_scaffold	83812	[T/C]	NA
Ca_Desig_Chr_scaffold11457_114502	Ca_desig_scaffold	114502	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold11457_114505	Ca_desig_scaffold	114505	[G/T]	NA
Ca_Desig_Chr_scaffold11457_114506	Ca_desig_scaffold	114506	[G/C]	NA
Ca_Desig_Chr_scaffold09265_20685	Ca_desig_scaffold	20685	[A/G]	NA
Ca_Desig_Chr_scaffold09265_20699	Ca_desig_scaffold	20699	[T/C]	NA
Ca_Desig_Chr_scaffold09265_20706	Ca_desig_scaffold	20706	[A/C]	NA
Ca_Desig_Chr_scaffold09265_20717	Ca_desig_scaffold	20717	[A/G]	NA
Ca_Desig_Chr_scaffold09265_20724	Ca_desig_scaffold	20724	[A/G]	NA
Ca_Desig_Chr_scaffold09265_20726	Ca_desig_scaffold	20726	[A/G]	NA
Ca_Desig_Chr_scaffold09265_20736	Ca_desig_scaffold	20736	[T/C]	NA
Ca_Desig_Chr_scaffold09265_20739	Ca_desig_scaffold	20739	[A/G]	NA
Ca_Desig_Chr_scaffold09265_20784	Ca_desig_scaffold	20784	[A/C]	NA
Ca_Desig_Chr_scaffold09265_20787	Ca_desig_scaffold	20787	[C/T]	NA
Ca_Desig_Chr_scaffold09265_20788	Ca_desig_scaffold	20788	[C/T]	NA
Ca_Desig_Chr_scaffold09265_20791	Ca_desig_scaffold	20791	[C/T]	NA
Ca_Desig_Chr_scaffold09265_20834	Ca_desig_scaffold	20834	[A/C]	NA
Ca_Desig_Chr_scaffold09265_79331	Ca_desig_scaffold	79331	[T/C]	NA
Ca_Desig_Chr_scaffold01532_24806	Ca_desig_scaffold	24806	[A/T]	NA
Ca_Desig_Chr_scaffold01547_43158	Ca_desig_scaffold	43158	[T/C]	NA
Ca_Desig_Chr_scaffold01547_43203	Ca_desig_scaffold	43203	[C/T]	NA
Ca_Desig_Chr_scaffold01547_43244	Ca_desig_scaffold	43244	[A/T]	NA
Ca_Desig_Chr_scaffold01547_43266	Ca_desig_scaffold	43266	[A/T]	NA
Ca_Desig_Chr_scaffold01547_43285	Ca_desig_scaffold	43285	[T/C]	NA
Ca_Desig_Chr_scaffold01547_43296	Ca_desig_scaffold	43296	[G/T]	NA
Ca_Desig_Chr_scaffold01564_53412	Ca_desig_scaffold	53412	[G/A]	NA
Ca_Desig_Chr_scaffold01565_44746	Ca_desig_scaffold	44746	[A/G]	NA
Ca_Desig_Chr_scaffold01565_44766	Ca_desig_scaffold	44766	[A/G]	NA
Ca_Desig_Chr_scaffold01565_72677	Ca_desig_scaffold	72677	[A/T]	NA
Ca_Desig_Chr_scaffold01565_72681	Ca_desig_scaffold	72681	[A/T]	NA
Ca_Desig_Chr_scaffold01565_85158	Ca_desig_scaffold	85158	[T/G]	NA
Ca_Desig_Chr_scaffold01566_43832	Ca_desig_scaffold	43832	[T/C]	NA
Ca_Desig_Chr_scaffold01566_43835	Ca_desig_scaffold	43835	[T/G]	NA
Ca_Desig_Chr_scaffold01566_43900	Ca_desig_scaffold	43900	[T/G]	NA
Ca_Desig_Chr_scaffold01566_62330	Ca_desig_scaffold	62330	[T/G]	NA
Ca_Desig_Chr_scaffold01566_62358	Ca_desig_scaffold	62358	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01566_157012	Ca_desig_scaffold	157012	[C/T]	NA
Ca_Desig_Chr_scaffold01566_157014	Ca_desig_scaffold	157014	[C/T]	NA
Ca_Desig_Chr_scaffold01566_157024	Ca_desig_scaffold	157024	[A/T]	NA
Ca_Desig_Chr_scaffold01566_157068	Ca_desig_scaffold	157068	[A/G]	NA
Ca_Desig_Chr_scaffold01566_157086	Ca_desig_scaffold	157086	[A/G]	NA
Ca_Desig_Chr_scaffold09306_9405	Ca_desig_scaffold	9405	[A/G]	NA
Ca_Desig_Chr_scaffold09306_9415	Ca_desig_scaffold	9415	[C/A]	NA
Ca_Desig_Chr_scaffold09306_9418	Ca_desig_scaffold	9418	[G/A]	NA
Ca_Desig_Chr_scaffold02535_90018	Ca_desig_scaffold	90018	[G/T]	NA
Ca_Desig_Chr_scaffold02535_90020	Ca_desig_scaffold	90020	[C/A]	NA
Ca_Desig_Chr_scaffold02535_90023	Ca_desig_scaffold	90023	[A/C]	NA
Ca_Desig_Chr_scaffold02535_90027	Ca_desig_scaffold	90027	[T/C]	NA
Ca_Desig_Chr_scaffold02535_95413	Ca_desig_scaffold	95413	[A/C]	NA
Ca_Desig_Chr_scaffold01625_39548	Ca_desig_scaffold	39548	[T/C]	NA
Ca_Desig_Chr_scaffold01625_39584	Ca_desig_scaffold	39584	[T/C]	NA
Ca_Desig_Chr_scaffold01625_51497	Ca_desig_scaffold	51497	[C/A]	NA
Ca_Desig_Chr_scaffold01625_54202	Ca_desig_scaffold	54202	[T/G]	NA
Ca_Desig_Chr_scaffold01787_109467	Ca_desig_scaffold	109467	[T/C]	NA
Ca_Desig_Chr_scaffold01787_109482	Ca_desig_scaffold	109482	[T/G]	NA
Ca_Desig_Chr_scaffold01787_109502	Ca_desig_scaffold	109502	[A/C]	NA
Ca_Desig_Chr_scaffold01787_109515	Ca_desig_scaffold	109515	[A/G]	NA
Ca_Desig_Chr_scaffold01787_113360	Ca_desig_scaffold	113360	[A/C]	NA
Ca_Desig_Chr_scaffold01652_40338	Ca_desig_scaffold	40338	[T/G]	NA
Ca_Desig_Chr_scaffold01652_40712	Ca_desig_scaffold	40712	[T/G]	NA
Ca_Desig_Chr_scaffold01652_65236	Ca_desig_scaffold	65236	[T/G]	NA
Ca_Desig_Chr_scaffold01652_65247	Ca_desig_scaffold	65247	[T/A]	NA
Ca_Desig_Chr_scaffold01675_2808	Ca_desig_scaffold	2808	[T/G]	NA
Ca_Desig_Chr_scaffold01675_34021	Ca_desig_scaffold	34021	[T/C]	NA
Ca_Desig_Chr_scaffold01675_34052	Ca_desig_scaffold	34052	[A/G]	NA
Ca_Desig_Chr_scaffold01675_34058	Ca_desig_scaffold	34058	[T/G]	NA
Ca_Desig_Chr_scaffold01675_34084	Ca_desig_scaffold	34084	[A/G]	NA
Ca_Desig_Chr_scaffold01675_47736	Ca_desig_scaffold	47736	[T/C]	NA
Ca_Desig_Chr_scaffold01675_47748	Ca_desig_scaffold	47748	[T/C]	NA
Ca_Desig_Chr_scaffold04196_27179	Ca_desig_scaffold	27179	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold04196_27188	Ca_desig_scaffold	27188	[T/C]	NA
Ca_Desig_Chr_scaffold04196_27212	Ca_desig_scaffold	27212	[A/G]	NA
Ca_Desig_Chr_scaffold04196_27221	Ca_desig_scaffold	27221	[T/A]	NA
Ca_Desig_Chr_scaffold04196_28392	Ca_desig_scaffold	28392	[A/G]	NA
Ca_Desig_Chr_scaffold04196_30795	Ca_desig_scaffold	30795	[G/T]	NA
Ca_Desig_Chr_scaffold04196_30800	Ca_desig_scaffold	30800	[C/A]	NA
Ca_Desig_Chr_scaffold04196_30855	Ca_desig_scaffold	30855	[C/T]	NA
Ca_Desig_Chr_scaffold04196_35868	Ca_desig_scaffold	35868	[A/T]	NA
Ca_Desig_Chr_scaffold04196_36997	Ca_desig_scaffold	36997	[A/C]	NA
Ca_Desig_Chr_scaffold04196_37051	Ca_desig_scaffold	37051	[G/A]	NA
Ca_Desig_Chr_scaffold04196_38022	Ca_desig_scaffold	38022	[C/T]	NA
Ca_Desig_Chr_scaffold04196_38048	Ca_desig_scaffold	38048	[A/G]	NA
Ca_Desig_Chr_scaffold04196_49463	Ca_desig_scaffold	49463	[T/G]	NA
Ca_Desig_Chr_scaffold04196_52526	Ca_desig_scaffold	52526	[C/A]	NA
Ca_Desig_Chr_scaffold04196_56603	Ca_desig_scaffold	56603	[A/G]	NA
Ca_Desig_Chr_scaffold04196_59170	Ca_desig_scaffold	59170	[G/A]	NA
Ca_Desig_Chr_scaffold04196_60261	Ca_desig_scaffold	60261	[G/A]	NA
Ca_Desig_Chr_scaffold01722_9639	Ca_desig_scaffold	9639	[T/G]	NA
Ca_Desig_Chr_scaffold01722_9649	Ca_desig_scaffold	9649	[T/G]	NA
Ca_Desig_Chr_scaffold01722_14344	Ca_desig_scaffold	14344	[G/A]	NA
Ca_Desig_Chr_scaffold01722_14347	Ca_desig_scaffold	14347	[T/C]	NA
Ca_Desig_Chr_scaffold01722_14388	Ca_desig_scaffold	14388	[T/G]	NA
Ca_Desig_Chr_scaffold01722_14900	Ca_desig_scaffold	14900	[A/G]	NA
Ca_Desig_Chr_scaffold01722_14908	Ca_desig_scaffold	14908	[A/G]	NA
Ca_Desig_Chr_scaffold03023_27759	Ca_desig_scaffold	27759	[A/G]	NA
Ca_Desig_Chr_scaffold03023_28355	Ca_desig_scaffold	28355	[T/G]	NA
Ca_Desig_Chr_scaffold03023_29618	Ca_desig_scaffold	29618	[C/A]	NA
Ca_Desig_Chr_scaffold02093_69323	Ca_desig_scaffold	69323	[A/G]	NA
Ca_Desig_Chr_scaffold02093_87235	Ca_desig_scaffold	87235	[A/C]	NA
Ca_Desig_Chr_scaffold02093_87247	Ca_desig_scaffold	87247	[A/C]	NA
Ca_Desig_Chr_scaffold02093_87252	Ca_desig_scaffold	87252	[T/C]	NA
Ca_Desig_Chr_scaffold02093_87255	Ca_desig_scaffold	87255	[T/C]	NA
Ca_Desig_Chr_scaffold02093_113102	Ca_desig_scaffold	113102	[A/C]	NA
Ca_Desig_Chr_scaffold02093_113133	Ca_desig_scaffold	113133	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold02093_113282	Ca_desig_scaffold	113282	[T/C]	NA
Ca_Desig_Chr_scaffold01737_21739	Ca_desig_scaffold	21739	[T/G]	NA
Ca_Desig_Chr_scaffold01737_45127	Ca_desig_scaffold	45127	[T/C]	NA
Ca_Desig_Chr_scaffold01737_45144	Ca_desig_scaffold	45144	[T/C]	NA
Ca_Desig_Chr_scaffold01737_45145	Ca_desig_scaffold	45145	[T/C]	NA
Ca_Desig_Chr_scaffold01737_45150	Ca_desig_scaffold	45150	[A/G]	NA
Ca_Desig_Chr_scaffold01737_45156	Ca_desig_scaffold	45156	[A/G]	NA
Ca_Desig_Chr_scaffold01737_45166	Ca_desig_scaffold	45166	[T/C]	NA
Ca_Desig_Chr_scaffold01737_45169	Ca_desig_scaffold	45169	[A/G]	NA
Ca_Desig_Chr_scaffold01737_45175	Ca_desig_scaffold	45175	[T/C]	NA
Ca_Desig_Chr_scaffold01737_45195	Ca_desig_scaffold	45195	[A/G]	NA
Ca_Desig_Chr_scaffold03195_48593	Ca_desig_scaffold	48593	[T/G]	NA
Ca_Desig_Chr_scaffold03195_48648	Ca_desig_scaffold	48648	[A/C]	NA
Ca_Desig_Chr_scaffold01783_59177	Ca_desig_scaffold	59177	[G/A]	NA
Ca_Desig_Chr_scaffold01797_2169	Ca_desig_scaffold	2169	[T/G]	NA
Ca_Desig_Chr_scaffold01797_2197	Ca_desig_scaffold	2197	[T/C]	NA
Ca_Desig_Chr_scaffold01797_7003	Ca_desig_scaffold	7003	[T/C]	NA
Ca_Desig_Chr_scaffold01797_7009	Ca_desig_scaffold	7009	[T/C]	NA
Ca_Desig_Chr_scaffold01797_7055	Ca_desig_scaffold	7055	[T/A]	NA
Ca_Desig_Chr_scaffold01808_30081	Ca_desig_scaffold	30081	[C/T]	NA
Ca_Desig_Chr_scaffold01808_66031	Ca_desig_scaffold	66031	[G/C]	NA
Ca_Desig_Chr_scaffold01808_66035	Ca_desig_scaffold	66035	[T/C]	NA
Ca_Desig_Chr_scaffold01808_66045	Ca_desig_scaffold	66045	[A/C]	NA
Ca_Desig_Chr_scaffold01808_66052	Ca_desig_scaffold	66052	[T/C]	NA
Ca_Desig_Chr_scaffold01808_66065	Ca_desig_scaffold	66065	[T/C]	NA
Ca_Desig_Chr_scaffold01808_66076	Ca_desig_scaffold	66076	[A/G]	NA
Ca_Desig_Chr_scaffold01808_66081	Ca_desig_scaffold	66081	[T/C]	NA
Ca_Desig_Chr_scaffold01808_66084	Ca_desig_scaffold	66084	[T/C]	NA
Ca_Desig_Chr_scaffold01808_66086	Ca_desig_scaffold	66086	[T/C]	NA
Ca_Desig_Chr_scaffold01861_22099	Ca_desig_scaffold	22099	[T/G]	NA
Ca_Desig_Chr_scaffold01861_58286	Ca_desig_scaffold	58286	[T/C]	NA
Ca_Desig_Chr_scaffold01861_58287	Ca_desig_scaffold	58287	[A/G]	NA
Ca_Desig_Chr_scaffold01861_58288	Ca_desig_scaffold	58288	[T/C]	NA
Ca_Desig_Chr_scaffold01861_58294	Ca_desig_scaffold	58294	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold01861_58296	Ca_desig_scaffold	58296	[T/C]	NA
Ca_DesigChr_scaffold01861_58298	Ca_desig_scaffold	58298	[T/C]	NA
Ca_DesigChr_scaffold01861_58299	Ca_desig_scaffold	58299	[T/C]	NA
Ca_DesigChr_scaffold01861_58300	Ca_desig_scaffold	58300	[T/C]	NA
Ca_DesigChr_scaffold01861_58304	Ca_desig_scaffold	58304	[A/G]	NA
Ca_DesigChr_scaffold01861_58306	Ca_desig_scaffold	58306	[A/G]	NA
Ca_DesigChr_scaffold01861_58310	Ca_desig_scaffold	58310	[A/G]	NA
Ca_DesigChr_scaffold01861_58311	Ca_desig_scaffold	58311	[T/C]	NA
Ca_DesigChr_scaffold01861_58313	Ca_desig_scaffold	58313	[A/G]	NA
Ca_DesigChr_scaffold01861_58314	Ca_desig_scaffold	58314	[A/G]	NA
Ca_DesigChr_scaffold01861_58316	Ca_desig_scaffold	58316	[A/G]	NA
Ca_DesigChr_scaffold01861_58317	Ca_desig_scaffold	58317	[A/G]	NA
Ca_DesigChr_scaffold01861_58320	Ca_desig_scaffold	58320	[A/G]	NA
Ca_DesigChr_scaffold01861_58323	Ca_desig_scaffold	58323	[A/G]	NA
Ca_DesigChr_scaffold01861_58325	Ca_desig_scaffold	58325	[A/G]	NA
Ca_DesigChr_scaffold01861_58326	Ca_desig_scaffold	58326	[A/G]	NA
Ca_DesigChr_scaffold01861_58330	Ca_desig_scaffold	58330	[G/T]	NA
Ca_DesigChr_scaffold01861_58333	Ca_desig_scaffold	58333	[A/G]	NA
Ca_DesigChr_scaffold01861_58336	Ca_desig_scaffold	58336	[T/C]	NA
Ca_DesigChr_scaffold01861_58338	Ca_desig_scaffold	58338	[T/C]	NA
Ca_DesigChr_scaffold01861_58342	Ca_desig_scaffold	58342	[T/C]	NA
Ca_DesigChr_scaffold01861_58344	Ca_desig_scaffold	58344	[T/C]	NA
Ca_DesigChr_scaffold01861_58347	Ca_desig_scaffold	58347	[T/C]	NA
Ca_DesigChr_scaffold01861_58355	Ca_desig_scaffold	58355	[T/C]	NA
Ca_DesigChr_scaffold01861_58359	Ca_desig_scaffold	58359	[T/C]	NA
Ca_DesigChr_scaffold01866_6076	Ca_desig_scaffold	6076	[G/A]	NA
Ca_DesigChr_scaffold01866_6077	Ca_desig_scaffold	6077	[G/A]	NA
Ca_DesigChr_scaffold01866_6078	Ca_desig_scaffold	6078	[C/G]	NA
Ca_DesigChr_scaffold01866_6079	Ca_desig_scaffold	6079	[C/A]	NA
Ca_DesigChr_scaffold01866_6080	Ca_desig_scaffold	6080	[A/C]	NA
Ca_DesigChr_scaffold01866_28223	Ca_desig_scaffold	28223	[G/A]	NA
Ca_DesigChr_scaffold01866_29545	Ca_desig_scaffold	29545	[T/C]	NA
Ca_DesigChr_scaffold01866_29558	Ca_desig_scaffold	29558	[T/G]	NA
Ca_DesigChr_scaffold01866_29578	Ca_desig_scaffold	29578	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold01866_29625	Ca_desig_scaffold	29625	[T/A]	NA
Ca_DesigChr_scaffold01866_29638	Ca_desig_scaffold	29638	[T/G]	NA
Ca_DesigChr_scaffold01947_38773	Ca_desig_scaffold	38773	[T/G]	NA
Ca_DesigChr_scaffold01979_41131	Ca_desig_scaffold	41131	[T/G]	NA
Ca_DesigChr_scaffold01984_4090	Ca_desig_scaffold	4090	[G/A]	NA
Ca_DesigChr_scaffold01984_4159	Ca_desig_scaffold	4159	[G/A]	NA
Ca_DesigChr_scaffold02000_38181	Ca_desig_scaffold	38181	[G/T]	NA
Ca_DesigChr_scaffold02022_51398	Ca_desig_scaffold	51398	[C/T]	NA
Ca_DesigChr_scaffold02551_41343	Ca_desig_scaffold	41343	[G/T]	NA
Ca_DesigChr_scaffold02036_74445	Ca_desig_scaffold	74445	[G/T]	NA
Ca_DesigChr_scaffold02036_74459	Ca_desig_scaffold	74459	[C/A]	NA
Ca_DesigChr_scaffold02036_74463	Ca_desig_scaffold	74463	[G/A]	NA
Ca_DesigChr_scaffold02138_36991	Ca_desig_scaffold	36991	[A/T]	NA
Ca_DesigChr_scaffold02138_36992	Ca_desig_scaffold	36992	[C/T]	NA
Ca_DesigChr_scaffold02138_42440	Ca_desig_scaffold	42440	[G/T]	NA
Ca_DesigChr_scaffold02138_69578	Ca_desig_scaffold	69578	[A/G]	NA
Ca_DesigChr_scaffold02138_69622	Ca_desig_scaffold	69622	[A/T]	NA
Ca_DesigChr_scaffold02170_44845	Ca_desig_scaffold	44845	[G/C]	NA
Ca_DesigChr_scaffold07988_69705	Ca_desig_scaffold	69705	[T/G]	NA
Ca_DesigChr_scaffold07988_69713	Ca_desig_scaffold	69713	[T/G]	NA
Ca_DesigChr_scaffold02276_12216	Ca_desig_scaffold	12216	[A/T]	NA
Ca_DesigChr_scaffold02276_12232	Ca_desig_scaffold	12232	[A/G]	NA
Ca_DesigChr_scaffold02308_13996	Ca_desig_scaffold	13996	[A/G]	NA
Ca_DesigChr_scaffold03792_18044	Ca_desig_scaffold	18044	[C/G]	NA
Ca_DesigChr_scaffold03792_19667	Ca_desig_scaffold	19667	[G/C]	NA
Ca_DesigChr_scaffold03792_19681	Ca_desig_scaffold	19681	[A/C]	NA
Ca_DesigChr_scaffold03792_19684	Ca_desig_scaffold	19684	[A/C]	NA
Ca_DesigChr_scaffold03792_19687	Ca_desig_scaffold	19687	[A/C]	NA
Ca_DesigChr_scaffold02365_19940	Ca_desig_scaffold	19940	[C/A]	NA
Ca_DesigChr_scaffold02365_19941	Ca_desig_scaffold	19941	[C/T]	NA
Ca_DesigChr_scaffold02365_19942	Ca_desig_scaffold	19942	[A/C]	NA
Ca_DesigChr_scaffold02365_19943	Ca_desig_scaffold	19943	[G/T]	NA
Ca_DesigChr_scaffold02375_37713	Ca_desig_scaffold	37713	[A/G]	NA
Ca_DesigChr_scaffold02376_35838	Ca_desig_scaffold	35838	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02376_35874	Ca_desi_scaffold	35874	[T/C]	NA
Ca_Desi_Ch_scaffold02711_68748	Ca_desi_scaffold	68748	[G/A]	NA
Ca_Desi_Ch_scaffold05885_6091	Ca_desi_scaffold	6091	[T/C]	NA
Ca_Desi_Ch_scaffold05885_6105	Ca_desi_scaffold	6105	[T/C]	NA
Ca_Desi_Ch_scaffold05885_6131	Ca_desi_scaffold	6131	[T/G]	NA
Ca_Desi_Ch_scaffold05885_6135	Ca_desi_scaffold	6135	[A/G]	NA
Ca_Desi_Ch_scaffold02424_32061	Ca_desi_scaffold	32061	[G/C]	NA
Ca_Desi_Ch_scaffold02424_61755	Ca_desi_scaffold	61755	[G/A]	NA
Ca_Desi_Ch_scaffold02424_61769	Ca_desi_scaffold	61769	[G/A]	NA
Ca_Desi_Ch_scaffold02424_61775	Ca_desi_scaffold	61775	[T/G]	NA
Ca_Desi_Ch_scaffold02424_61785	Ca_desi_scaffold	61785	[T/C]	NA
Ca_Desi_Ch_scaffold02424_62010	Ca_desi_scaffold	62010	[T/C]	NA
Ca_Desi_Ch_scaffold02424_62017	Ca_desi_scaffold	62017	[C/T]	NA
Ca_Desi_Ch_scaffold02424_62037	Ca_desi_scaffold	62037	[T/C]	NA
Ca_Desi_Ch_scaffold02424_75237	Ca_desi_scaffold	75237	[T/G]	NA
Ca_Desi_Ch_scaffold02424_75258	Ca_desi_scaffold	75258	[A/G]	NA
Ca_Desi_Ch_scaffold02424_75275	Ca_desi_scaffold	75275	[A/G]	NA
Ca_Desi_Ch_scaffold02424_75276	Ca_desi_scaffold	75276	[A/T]	NA
Ca_Desi_Ch_scaffold02424_75279	Ca_desi_scaffold	75279	[C/T]	NA
Ca_Desi_Ch_scaffold02424_77422	Ca_desi_scaffold	77422	[G/T]	NA
Ca_Desi_Ch_scaffold02424_77428	Ca_desi_scaffold	77428	[A/G]	NA
Ca_Desi_Ch_scaffold02424_77488	Ca_desi_scaffold	77488	[C/T]	NA
Ca_Desi_Ch_scaffold08121_61689	Ca_desi_scaffold	61689	[A/C]	NA
Ca_Desi_Ch_scaffold08121_61697	Ca_desi_scaffold	61697	[A/G]	NA
Ca_Desi_Ch_scaffold08121_62571	Ca_desi_scaffold	62571	[T/A]	NA
Ca_Desi_Ch_scaffold02578_20032	Ca_desi_scaffold	20032	[G/T]	NA
Ca_Desi_Ch_scaffold02578_67434	Ca_desi_scaffold	67434	[A/C]	NA
Ca_Desi_Ch_scaffold02578_67455	Ca_desi_scaffold	67455	[T/A]	NA
Ca_Desi_Ch_scaffold02645_22401	Ca_desi_scaffold	22401	[T/G]	NA
Ca_Desi_Ch_scaffold02645_22402	Ca_desi_scaffold	22402	[G/A]	NA
Ca_Desi_Ch_scaffold02645_22403	Ca_desi_scaffold	22403	[C/T]	NA
Ca_Desi_Ch_scaffold02645_22405	Ca_desi_scaffold	22405	[G/T]	NA
Ca_Desi_Ch_scaffold02650_16747	Ca_desi_scaffold	16747	[A/G]	NA
Ca_Desi_Ch_scaffold02681_6799	Ca_desi_scaffold	6799	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02753_67586	Ca_desi_scaffold	67586	[A/T]	NA
Ca_Desi_Ch_scaffold02753_67619	Ca_desi_scaffold	67619	[T/A]	NA
Ca_Desi_Ch_scaffold02753_67624	Ca_desi_scaffold	67624	[A/G]	NA
Ca_Desi_Ch_scaffold02875_66543	Ca_desi_scaffold	66543	[T/C]	NA
Ca_Desi_Ch_scaffold02908_207	Ca_desi_scaffold	207	[G/T]	NA
Ca_Desi_Ch_scaffold02908_24170	Ca_desi_scaffold	24170	[T/G]	NA
Ca_Desi_Ch_scaffold03463_10748	Ca_desi_scaffold	10748	[T/G]	NA
Ca_Desi_Ch_scaffold03463_10877	Ca_desi_scaffold	10877	[T/G]	NA
Ca_Desi_Ch_scaffold03463_10911	Ca_desi_scaffold	10911	[A/G]	NA
Ca_Desi_Ch_scaffold03463_10913	Ca_desi_scaffold	10913	[T/G]	NA
Ca_Desi_Ch_scaffold03463_13499	Ca_desi_scaffold	13499	[C/T]	NA
Ca_Desi_Ch_scaffold03463_13504	Ca_desi_scaffold	13504	[T/C]	NA
Ca_Desi_Ch_scaffold03463_13555	Ca_desi_scaffold	13555	[C/T]	NA
Ca_Desi_Ch_scaffold03463_13571	Ca_desi_scaffold	13571	[A/C]	NA
Ca_Desi_Ch_scaffold03463_13592	Ca_desi_scaffold	13592	[T/C]	NA
Ca_Desi_Ch_scaffold03282_26864	Ca_desi_scaffold	26864	[G/A]	NA
Ca_Desi_Ch_scaffold03417_15204	Ca_desi_scaffold	15204	[A/G]	NA
Ca_Desi_Ch_scaffold03417_15302	Ca_desi_scaffold	15302	[A/C]	NA
Ca_Desi_Ch_scaffold03772_20311	Ca_desi_scaffold	20311	[T/C]	NA
Ca_Desi_Ch_scaffold03772_20356	Ca_desi_scaffold	20356	[G/T]	NA
Ca_Desi_Ch_scaffold03846_1162	Ca_desi_scaffold	1162	[G/T]	NA
Ca_Desi_Ch_scaffold03889_21116	Ca_desi_scaffold	21116	[T/A]	NA
Ca_Desi_Ch_scaffold03971_5397	Ca_desi_scaffold	5397	[T/G]	NA
Ca_Desi_Ch_scaffold03971_5420	Ca_desi_scaffold	5420	[A/G]	NA
Ca_Desi_Ch_scaffold03971_7573	Ca_desi_scaffold	7573	[C/A]	NA
Ca_Desi_Ch_scaffold03971_7656	Ca_desi_scaffold	7656	[A/T]	NA
Ca_Desi_Ch_scaffold03971_8512	Ca_desi_scaffold	8512	[A/C]	NA
Ca_Desi_Ch_scaffold03971_15886	Ca_desi_scaffold	15886	[A/G]	NA
Ca_Desi_Ch_scaffold03971_15901	Ca_desi_scaffold	15901	[T/G]	NA
Ca_Desi_Ch_scaffold03971_15921	Ca_desi_scaffold	15921	[T/C]	NA
Ca_Desi_Ch_scaffold03971_15928	Ca_desi_scaffold	15928	[T/A]	NA
Ca_Desi_Ch_scaffold03971_16024	Ca_desi_scaffold	16024	[T/C]	NA
Ca_Desi_Ch_scaffold03971_16106	Ca_desi_scaffold	16106	[A/G]	NA
Ca_Desi_Ch_scaffold03971_16152	Ca_desi_scaffold	16152	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold03971_16199	Ca_desig_scaffold	16199	[A/C]	NA
Ca_Desig_Chr_scaffold04317_7845	Ca_desig_scaffold	7845	[T/G]	NA
Ca_Desig_Chr_scaffold17167_19262	Ca_desig_scaffold	19262	[A/G]	NA
Ca_Desig_Chr_scaffold17167_19265	Ca_desig_scaffold	19265	[A/G]	NA
Ca_Desig_Chr_scaffold17167_19278	Ca_desig_scaffold	19278	[A/G]	NA
Ca_Desig_Chr_scaffold17167_19282	Ca_desig_scaffold	19282	[T/G]	NA
Ca_Desig_Chr_scaffold17167_19296	Ca_desig_scaffold	19296	[T/G]	NA
Ca_Desig_Chr_scaffold17167_19302	Ca_desig_scaffold	19302	[A/G]	NA
Ca_Desig_Chr_scaffold17167_19312	Ca_desig_scaffold	19312	[T/G]	NA
Ca_Desig_Chr_scaffold17167_19317	Ca_desig_scaffold	19317	[T/A]	NA
Ca_Desig_Chr_scaffold06934_777	Ca_desig_scaffold	777	[T/A]	NA
Ca_Desig_Chr_scaffold06934_780	Ca_desig_scaffold	780	[T/C]	NA
Ca_Desig_Chr_scaffold06934_781	Ca_desig_scaffold	781	[T/C]	NA
Ca_Desig_Chr_scaffold06934_782	Ca_desig_scaffold	782	[T/C]	NA
Ca_Desig_Chr_scaffold06934_783	Ca_desig_scaffold	783	[A/G]	NA
Ca_Desig_Chr_scaffold06934_784	Ca_desig_scaffold	784	[C/T]	NA
Ca_Desig_Chr_scaffold06934_785	Ca_desig_scaffold	785	[A/G]	NA
Ca_Desig_Chr_scaffold06934_786	Ca_desig_scaffold	786	[G/A]	NA
Ca_Desig_Chr_scaffold06934_787	Ca_desig_scaffold	787	[T/A]	NA
Ca_Desig_Chr_scaffold06934_788	Ca_desig_scaffold	788	[A/G]	NA
Ca_Desig_Chr_scaffold06934_790	Ca_desig_scaffold	790	[G/A]	NA
Ca_Desig_Chr_scaffold06934_792	Ca_desig_scaffold	792	[G/A]	NA
Ca_Desig_Chr_scaffold06934_793	Ca_desig_scaffold	793	[T/C]	NA
Ca_Desig_Chr_scaffold06934_794	Ca_desig_scaffold	794	[G/A]	NA
Ca_Desig_Chr_scaffold06934_795	Ca_desig_scaffold	795	[A/G]	NA
Ca_Desig_Chr_scaffold06934_796	Ca_desig_scaffold	796	[A/G]	NA
Ca_Desig_Chr_scaffold06934_797	Ca_desig_scaffold	797	[A/G]	NA
Ca_Desig_Chr_scaffold06934_798	Ca_desig_scaffold	798	[A/G]	NA
Ca_Desig_Chr_scaffold06934_799	Ca_desig_scaffold	799	[T/C]	NA
Ca_Desig_Chr_scaffold06934_800	Ca_desig_scaffold	800	[T/C]	NA
Ca_Desig_Chr_scaffold06934_801	Ca_desig_scaffold	801	[G/T]	NA
Ca_Desig_Chr_scaffold06934_802	Ca_desig_scaffold	802	[A/G]	NA
Ca_Desig_Chr_scaffold06934_804	Ca_desig_scaffold	804	[G/A]	NA
Ca_Desig_Chr_scaffold06934_805	Ca_desig_scaffold	805	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold06934_807	Ca_desig_scaffold	807	[A/G]	NA
Ca_Desig_Chr_scaffold06934_808	Ca_desig_scaffold	808	[A/G]	NA
Ca_Desig_Chr_scaffold06934_809	Ca_desig_scaffold	809	[T/C]	NA
Ca_Desig_Chr_scaffold06934_810	Ca_desig_scaffold	810	[T/C]	NA
Ca_Desig_Chr_scaffold06934_811	Ca_desig_scaffold	811	[C/T]	NA
Ca_Desig_Chr_scaffold06934_812	Ca_desig_scaffold	812	[T/C]	NA
Ca_Desig_Chr_scaffold06934_813	Ca_desig_scaffold	813	[A/G]	NA
Ca_Desig_Chr_scaffold06934_814	Ca_desig_scaffold	814	[T/C]	NA
Ca_Desig_Chr_scaffold06934_815	Ca_desig_scaffold	815	[T/C]	NA
Ca_Desig_Chr_scaffold06934_816	Ca_desig_scaffold	816	[G/A]	NA
Ca_Desig_Chr_scaffold06934_817	Ca_desig_scaffold	817	[G/A]	NA
Ca_Desig_Chr_scaffold06934_818	Ca_desig_scaffold	818	[G/A]	NA
Ca_Desig_Chr_scaffold06934_820	Ca_desig_scaffold	820	[T/C]	NA
Ca_Desig_Chr_scaffold06934_821	Ca_desig_scaffold	821	[G/A]	NA
Ca_Desig_Chr_scaffold06934_822	Ca_desig_scaffold	822	[A/G]	NA
Ca_Desig_Chr_scaffold06934_823	Ca_desig_scaffold	823	[A/G]	NA
Ca_Desig_Chr_scaffold06934_825	Ca_desig_scaffold	825	[G/A]	NA
Ca_Desig_Chr_scaffold06934_826	Ca_desig_scaffold	826	[C/T]	NA
Ca_Desig_Chr_scaffold06934_827	Ca_desig_scaffold	827	[A/G]	NA
Ca_Desig_Chr_scaffold06934_828	Ca_desig_scaffold	828	[G/A]	NA
Ca_Desig_Chr_scaffold06934_829	Ca_desig_scaffold	829	[G/A]	NA
Ca_Desig_Chr_scaffold06934_831	Ca_desig_scaffold	831	[T/C]	NA
Ca_Desig_Chr_scaffold06934_832	Ca_desig_scaffold	832	[A/G]	NA
Ca_Desig_Chr_scaffold06934_834	Ca_desig_scaffold	834	[T/C]	NA
Ca_Desig_Chr_scaffold06934_835	Ca_desig_scaffold	835	[T/C]	NA
Ca_Desig_Chr_scaffold06934_836	Ca_desig_scaffold	836	[T/C]	NA
Ca_Desig_Chr_scaffold06934_837	Ca_desig_scaffold	837	[G/A]	NA
Ca_Desig_Chr_scaffold06934_838	Ca_desig_scaffold	838	[G/A]	NA
Ca_Desig_Chr_scaffold06934_839	Ca_desig_scaffold	839	[G/A]	NA
Ca_Desig_Chr_scaffold06934_840	Ca_desig_scaffold	840	[T/C]	NA
Ca_Desig_Chr_scaffold06934_841	Ca_desig_scaffold	841	[T/C]	NA
Ca_Desig_Chr_scaffold06934_842	Ca_desig_scaffold	842	[A/G]	NA
Ca_Desig_Chr_scaffold06934_843	Ca_desig_scaffold	843	[G/A]	NA
Ca_Desig_Chr_scaffold06934_844	Ca_desig_scaffold	844	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_scaffold06934_845	Ca_desi_scaffold	845	[G/A]	NA
Ca_Desi_Chr_scaffold06934_846	Ca_desi_scaffold	846	[T/C]	NA
Ca_Desi_Chr_scaffold06934_847	Ca_desi_scaffold	847	[T/C]	NA
Ca_Desi_Chr_scaffold06934_848	Ca_desi_scaffold	848	[C/T]	NA
Ca_Desi_Chr_scaffold06934_849	Ca_desi_scaffold	849	[A/G]	NA
Ca_Desi_Chr_scaffold06934_850	Ca_desi_scaffold	850	[G/A]	NA
Ca_Desi_Chr_scaffold06934_851	Ca_desi_scaffold	851	[T/C]	NA
Ca_Desi_Chr_scaffold06934_852	Ca_desi_scaffold	852	[G/A]	NA
Ca_Desi_Chr_scaffold06934_853	Ca_desi_scaffold	853	[A/G]	NA
Ca_Desi_Chr_scaffold06934_854	Ca_desi_scaffold	854	[C/A]	NA
Ca_Desi_Chr_scaffold06934_855	Ca_desi_scaffold	855	[A/G]	NA
Ca_Desi_Chr_scaffold06934_856	Ca_desi_scaffold	856	[A/G]	NA
Ca_Desi_Chr_scaffold06934_857	Ca_desi_scaffold	857	[T/C]	NA
Ca_Desi_Chr_scaffold06934_858	Ca_desi_scaffold	858	[G/A]	NA
Ca_Desi_Chr_scaffold06934_859	Ca_desi_scaffold	859	[G/A]	NA
Ca_Desi_Chr_scaffold06934_860	Ca_desi_scaffold	860	[T/C]	NA
Ca_Desi_Chr_scaffold06934_861	Ca_desi_scaffold	861	[A/G]	NA
Ca_Desi_Chr_scaffold06934_862	Ca_desi_scaffold	862	[G/A]	NA
Ca_Desi_Chr_scaffold06934_863	Ca_desi_scaffold	863	[C/T]	NA
Ca_Desi_Chr_scaffold06934_864	Ca_desi_scaffold	864	[T/C]	NA
Ca_Desi_Chr_scaffold06934_865	Ca_desi_scaffold	865	[A/G]	NA
Ca_Desi_Chr_scaffold06934_866	Ca_desi_scaffold	866	[A/G]	NA
Ca_Desi_Chr_scaffold06934_867	Ca_desi_scaffold	867	[C/A]	NA
Ca_Desi_Chr_scaffold06934_868	Ca_desi_scaffold	868	[A/G]	NA
Ca_Desi_Chr_scaffold06934_869	Ca_desi_scaffold	869	[T/C]	NA
Ca_Desi_Chr_scaffold06934_870	Ca_desi_scaffold	870	[T/C]	NA
Ca_Desi_Chr_scaffold06934_871	Ca_desi_scaffold	871	[A/G]	NA
Ca_Desi_Chr_scaffold06934_872	Ca_desi_scaffold	872	[C/T]	NA
Ca_Desi_Chr_scaffold06934_873	Ca_desi_scaffold	873	[A/G]	NA
Ca_Desi_Chr_scaffold06934_874	Ca_desi_scaffold	874	[T/C]	NA
Ca_Desi_Chr_scaffold06934_875	Ca_desi_scaffold	875	[G/A]	NA
Ca_Desi_Chr_scaffold06934_876	Ca_desi_scaffold	876	[A/G]	NA
Ca_Desi_Chr_scaffold06934_877	Ca_desi_scaffold	877	[G/A]	NA
Ca_Desi_Chr_scaffold06934_878	Ca_desi_scaffold	878	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold06934_879	Ca_desi_scaffold	879	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_880	Ca_desi_scaffold	880	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_881	Ca_desi_scaffold	881	[C/T]	NA
Ca_Desi_Chromosome_scaffold06934_882	Ca_desi_scaffold	882	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_883	Ca_desi_scaffold	883	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_884	Ca_desi_scaffold	884	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_885	Ca_desi_scaffold	885	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_886	Ca_desi_scaffold	886	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_887	Ca_desi_scaffold	887	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_888	Ca_desi_scaffold	888	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_889	Ca_desi_scaffold	889	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_890	Ca_desi_scaffold	890	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_891	Ca_desi_scaffold	891	[C/T]	NA
Ca_Desi_Chromosome_scaffold06934_892	Ca_desi_scaffold	892	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_893	Ca_desi_scaffold	893	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_897	Ca_desi_scaffold	897	[A/T]	NA
Ca_Desi_Chromosome_scaffold06934_2839	Ca_desi_scaffold	2839	[T/G]	NA
Ca_Desi_Chromosome_scaffold06934_5280	Ca_desi_scaffold	5280	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_5281	Ca_desi_scaffold	5281	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_5282	Ca_desi_scaffold	5282	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_5283	Ca_desi_scaffold	5283	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_5284	Ca_desi_scaffold	5284	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_5285	Ca_desi_scaffold	5285	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_5286	Ca_desi_scaffold	5286	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_5287	Ca_desi_scaffold	5287	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_5288	Ca_desi_scaffold	5288	[C/T]	NA
Ca_Desi_Chromosome_scaffold06934_5289	Ca_desi_scaffold	5289	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_5290	Ca_desi_scaffold	5290	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_5291	Ca_desi_scaffold	5291	[C/T]	NA
Ca_Desi_Chromosome_scaffold06934_5292	Ca_desi_scaffold	5292	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_5293	Ca_desi_scaffold	5293	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_5294	Ca_desi_scaffold	5294	[C/T]	NA
Ca_Desi_Chromosome_scaffold06934_5295	Ca_desi_scaffold	5295	[C/T]	NA
Ca_Desi_Chromosome_scaffold06934_5296	Ca_desi_scaffold	5296	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold06934_5297	Ca_desi_scaffold	5297	[A/G]	NA
Ca_Desi_Ch_scaffold06934_5298	Ca_desi_scaffold	5298	[T/C]	NA
Ca_Desi_Ch_scaffold06934_5299	Ca_desi_scaffold	5299	[T/C]	NA
Ca_Desi_Ch_scaffold06934_5300	Ca_desi_scaffold	5300	[G/T]	NA
Ca_Desi_Ch_scaffold06934_5301	Ca_desi_scaffold	5301	[T/C]	NA
Ca_Desi_Ch_scaffold06934_5302	Ca_desi_scaffold	5302	[G/A]	NA
Ca_Desi_Ch_scaffold06934_5303	Ca_desi_scaffold	5303	[C/T]	NA
Ca_Desi_Ch_scaffold06934_5304	Ca_desi_scaffold	5304	[G/A]	NA
Ca_Desi_Ch_scaffold06934_5305	Ca_desi_scaffold	5305	[A/G]	NA
Ca_Desi_Ch_scaffold06934_5306	Ca_desi_scaffold	5306	[C/T]	NA
Ca_Desi_Ch_scaffold06934_5307	Ca_desi_scaffold	5307	[A/G]	NA
Ca_Desi_Ch_scaffold06934_5308	Ca_desi_scaffold	5308	[T/C]	NA
Ca_Desi_Ch_scaffold06934_5309	Ca_desi_scaffold	5309	[C/T]	NA
Ca_Desi_Ch_scaffold06934_5310	Ca_desi_scaffold	5310	[T/C]	NA
Ca_Desi_Ch_scaffold06934_5312	Ca_desi_scaffold	5312	[T/C]	NA
Ca_Desi_Ch_scaffold06934_5313	Ca_desi_scaffold	5313	[T/C]	NA
Ca_Desi_Ch_scaffold06934_5315	Ca_desi_scaffold	5315	[T/C]	NA
Ca_Desi_Ch_scaffold06934_5316	Ca_desi_scaffold	5316	[A/G]	NA
Ca_Desi_Ch_scaffold06934_5317	Ca_desi_scaffold	5317	[T/C]	NA
Ca_Desi_Ch_scaffold06934_5318	Ca_desi_scaffold	5318	[C/T]	NA
Ca_Desi_Ch_scaffold06934_5319	Ca_desi_scaffold	5319	[T/C]	NA
Ca_Desi_Ch_scaffold06934_5320	Ca_desi_scaffold	5320	[A/G]	NA
Ca_Desi_Ch_scaffold06934_5321	Ca_desi_scaffold	5321	[G/A]	NA
Ca_Desi_Ch_scaffold06934_5322	Ca_desi_scaffold	5322	[A/G]	NA
Ca_Desi_Ch_scaffold06934_5323	Ca_desi_scaffold	5323	[C/A]	NA
Ca_Desi_Ch_scaffold06934_5324	Ca_desi_scaffold	5324	[A/G]	NA
Ca_Desi_Ch_scaffold06934_5326	Ca_desi_scaffold	5326	[C/T]	NA
Ca_Desi_Ch_scaffold06934_5327	Ca_desi_scaffold	5327	[T/C]	NA
Ca_Desi_Ch_scaffold06934_5328	Ca_desi_scaffold	5328	[G/A]	NA
Ca_Desi_Ch_scaffold06934_5329	Ca_desi_scaffold	5329	[C/T]	NA
Ca_Desi_Ch_scaffold06934_5330	Ca_desi_scaffold	5330	[G/A]	NA
Ca_Desi_Ch_scaffold06934_5331	Ca_desi_scaffold	5331	[G/A]	NA
Ca_Desi_Ch_scaffold06934_5332	Ca_desi_scaffold	5332	[A/G]	NA
Ca_Desi_Ch_scaffold06934_5334	Ca_desi_scaffold	5334	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold06934_5335	Ca_desig_scaffold	5335	[T/C]	NA
Ca_DesigChr_scaffold06934_5336	Ca_desig_scaffold	5336	[G/T]	NA
Ca_DesigChr_scaffold06934_5337	Ca_desig_scaffold	5337	[C/T]	NA
Ca_DesigChr_scaffold06934_5361	Ca_desig_scaffold	5361	[T/C]	NA
Ca_DesigChr_scaffold06934_5365	Ca_desig_scaffold	5365	[T/C]	NA
Ca_DesigChr_scaffold06934_5366	Ca_desig_scaffold	5366	[C/T]	NA
Ca_DesigChr_scaffold06934_5367	Ca_desig_scaffold	5367	[C/T]	NA
Ca_DesigChr_scaffold06934_5368	Ca_desig_scaffold	5368	[T/C]	NA
Ca_DesigChr_scaffold06934_5369	Ca_desig_scaffold	5369	[A/G]	NA
Ca_DesigChr_scaffold06934_5370	Ca_desig_scaffold	5370	[T/C]	NA
Ca_DesigChr_scaffold06934_5372	Ca_desig_scaffold	5372	[G/A]	NA
Ca_DesigChr_scaffold06934_5373	Ca_desig_scaffold	5373	[T/C]	NA
Ca_DesigChr_scaffold06934_5374	Ca_desig_scaffold	5374	[C/T]	NA
Ca_DesigChr_scaffold06934_5375	Ca_desig_scaffold	5375	[T/C]	NA
Ca_DesigChr_scaffold06934_5376	Ca_desig_scaffold	5376	[T/C]	NA
Ca_DesigChr_scaffold06934_5377	Ca_desig_scaffold	5377	[C/T]	NA
Ca_DesigChr_scaffold06934_5378	Ca_desig_scaffold	5378	[T/C]	NA
Ca_DesigChr_scaffold06934_5379	Ca_desig_scaffold	5379	[T/C]	NA
Ca_DesigChr_scaffold06934_5380	Ca_desig_scaffold	5380	[G/A]	NA
Ca_DesigChr_scaffold06934_5381	Ca_desig_scaffold	5381	[C/T]	NA
Ca_DesigChr_scaffold06934_5382	Ca_desig_scaffold	5382	[T/C]	NA
Ca_DesigChr_scaffold06934_5383	Ca_desig_scaffold	5383	[A/G]	NA
Ca_DesigChr_scaffold06934_5386	Ca_desig_scaffold	5386	[A/G]	NA
Ca_DesigChr_scaffold06934_5387	Ca_desig_scaffold	5387	[G/A]	NA
Ca_DesigChr_scaffold06934_5390	Ca_desig_scaffold	5390	[A/G]	NA
Ca_DesigChr_scaffold06934_5391	Ca_desig_scaffold	5391	[A/G]	NA
Ca_DesigChr_scaffold06934_5392	Ca_desig_scaffold	5392	[A/G]	NA
Ca_DesigChr_scaffold06934_5393	Ca_desig_scaffold	5393	[G/A]	NA
Ca_DesigChr_scaffold06934_5394	Ca_desig_scaffold	5394	[A/G]	NA
Ca_DesigChr_scaffold06934_5396	Ca_desig_scaffold	5396	[C/G]	NA
Ca_DesigChr_scaffold06934_5397	Ca_desig_scaffold	5397	[G/A]	NA
Ca_DesigChr_scaffold06934_5398	Ca_desig_scaffold	5398	[G/A]	NA
Ca_DesigChr_scaffold06934_5399	Ca_desig_scaffold	5399	[A/G]	NA
Ca_DesigChr_scaffold06934_5400	Ca_desig_scaffold	5400	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold06934_5401	Ca_desig_scaffold	5401	[T/C]	NA
Ca_DesigChr_scaffold06934_5402	Ca_desig_scaffold	5402	[G/A]	NA
Ca_DesigChr_scaffold06934_5403	Ca_desig_scaffold	5403	[G/A]	NA
Ca_DesigChr_scaffold06934_5404	Ca_desig_scaffold	5404	[C/T]	NA
Ca_DesigChr_scaffold06934_5405	Ca_desig_scaffold	5405	[A/C]	NA
Ca_DesigChr_scaffold06934_5406	Ca_desig_scaffold	5406	[C/T]	NA
Ca_DesigChr_scaffold06934_5407	Ca_desig_scaffold	5407	[A/G]	NA
Ca_DesigChr_scaffold06934_5409	Ca_desig_scaffold	5409	[C/T]	NA
Ca_DesigChr_scaffold06934_5410	Ca_desig_scaffold	5410	[G/A]	NA
Ca_DesigChr_scaffold06934_5411	Ca_desig_scaffold	5411	[A/G]	NA
Ca_DesigChr_scaffold06934_5412	Ca_desig_scaffold	5412	[A/G]	NA
Ca_DesigChr_scaffold06934_5413	Ca_desig_scaffold	5413	[T/C]	NA
Ca_DesigChr_scaffold06934_5414	Ca_desig_scaffold	5414	[T/C]	NA
Ca_DesigChr_scaffold06934_5415	Ca_desig_scaffold	5415	[C/T]	NA
Ca_DesigChr_scaffold06934_5416	Ca_desig_scaffold	5416	[G/A]	NA
Ca_DesigChr_scaffold06934_5417	Ca_desig_scaffold	5417	[A/G]	NA
Ca_DesigChr_scaffold06934_5418	Ca_desig_scaffold	5418	[G/A]	NA
Ca_DesigChr_scaffold06934_5419	Ca_desig_scaffold	5419	[A/G]	NA
Ca_DesigChr_scaffold06934_5618	Ca_desig_scaffold	5618	[C/T]	NA
Ca_DesigChr_scaffold06934_5619	Ca_desig_scaffold	5619	[A/G]	NA
Ca_DesigChr_scaffold06934_5620	Ca_desig_scaffold	5620	[C/T]	NA
Ca_DesigChr_scaffold06934_5621	Ca_desig_scaffold	5621	[G/A]	NA
Ca_DesigChr_scaffold06934_5622	Ca_desig_scaffold	5622	[G/A]	NA
Ca_DesigChr_scaffold06934_5623	Ca_desig_scaffold	5623	[A/G]	NA
Ca_DesigChr_scaffold06934_5624	Ca_desig_scaffold	5624	[T/C]	NA
Ca_DesigChr_scaffold06934_5625	Ca_desig_scaffold	5625	[C/T]	NA
Ca_DesigChr_scaffold06934_5626	Ca_desig_scaffold	5626	[T/C]	NA
Ca_DesigChr_scaffold06934_5627	Ca_desig_scaffold	5627	[C/T]	NA
Ca_DesigChr_scaffold06934_5628	Ca_desig_scaffold	5628	[A/G]	NA
Ca_DesigChr_scaffold06934_5629	Ca_desig_scaffold	5629	[A/G]	NA
Ca_DesigChr_scaffold06934_5630	Ca_desig_scaffold	5630	[C/T]	NA
Ca_DesigChr_scaffold06934_5631	Ca_desig_scaffold	5631	[C/T]	NA
Ca_DesigChr_scaffold06934_5632	Ca_desig_scaffold	5632	[A/G]	NA
Ca_DesigChr_scaffold06934_5633	Ca_desig_scaffold	5633	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold06934_5634	Ca_desig_scaffold	5634	[G/A]	NA
Ca_DesigChr_scaffold06934_5635	Ca_desig_scaffold	5635	[A/G]	NA
Ca_DesigChr_scaffold06934_5636	Ca_desig_scaffold	5636	[G/A]	NA
Ca_DesigChr_scaffold06934_5637	Ca_desig_scaffold	5637	[A/G]	NA
Ca_DesigChr_scaffold06934_5638	Ca_desig_scaffold	5638	[C/T]	NA
Ca_DesigChr_scaffold06934_5639	Ca_desig_scaffold	5639	[T/C]	NA
Ca_DesigChr_scaffold06934_5640	Ca_desig_scaffold	5640	[A/G]	NA
Ca_DesigChr_scaffold06934_5641	Ca_desig_scaffold	5641	[A/G]	NA
Ca_DesigChr_scaffold06934_5642	Ca_desig_scaffold	5642	[G/A]	NA
Ca_DesigChr_scaffold06934_5643	Ca_desig_scaffold	5643	[A/G]	NA
Ca_DesigChr_scaffold06934_5644	Ca_desig_scaffold	5644	[A/G]	NA
Ca_DesigChr_scaffold06934_5645	Ca_desig_scaffold	5645	[T/C]	NA
Ca_DesigChr_scaffold06934_5646	Ca_desig_scaffold	5646	[C/T]	NA
Ca_DesigChr_scaffold06934_5647	Ca_desig_scaffold	5647	[A/G]	NA
Ca_DesigChr_scaffold06934_5648	Ca_desig_scaffold	5648	[T/C]	NA
Ca_DesigChr_scaffold06934_5649	Ca_desig_scaffold	5649	[G/A]	NA
Ca_DesigChr_scaffold06934_5650	Ca_desig_scaffold	5650	[C/T]	NA
Ca_DesigChr_scaffold06934_5651	Ca_desig_scaffold	5651	[T/C]	NA
Ca_DesigChr_scaffold06934_5652	Ca_desig_scaffold	5652	[T/C]	NA
Ca_DesigChr_scaffold06934_5654	Ca_desig_scaffold	5654	[C/T]	NA
Ca_DesigChr_scaffold06934_5655	Ca_desig_scaffold	5655	[C/T]	NA
Ca_DesigChr_scaffold06934_5657	Ca_desig_scaffold	5657	[C/T]	NA
Ca_DesigChr_scaffold06934_5658	Ca_desig_scaffold	5658	[G/A]	NA
Ca_DesigChr_scaffold06934_5659	Ca_desig_scaffold	5659	[C/T]	NA
Ca_DesigChr_scaffold06934_5660	Ca_desig_scaffold	5660	[T/C]	NA
Ca_DesigChr_scaffold06934_5661	Ca_desig_scaffold	5661	[A/G]	NA
Ca_DesigChr_scaffold06934_5662	Ca_desig_scaffold	5662	[T/C]	NA
Ca_DesigChr_scaffold06934_5663	Ca_desig_scaffold	5663	[C/T]	NA
Ca_DesigChr_scaffold06934_5664	Ca_desig_scaffold	5664	[T/C]	NA
Ca_DesigChr_scaffold06934_5665	Ca_desig_scaffold	5665	[C/T]	NA
Ca_DesigChr_scaffold06934_5666	Ca_desig_scaffold	5666	[G/A]	NA
Ca_DesigChr_scaffold06934_5667	Ca_desig_scaffold	5667	[A/G]	NA
Ca_DesigChr_scaffold06934_5668	Ca_desig_scaffold	5668	[T/C]	NA
Ca_DesigChr_scaffold06934_5669	Ca_desig_scaffold	5669	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold06934_5670	Ca_desig_scaffold	5670	[T/C]	NA
Ca_DesigChr_scaffold06934_5671	Ca_desig_scaffold	5671	[C/T]	NA
Ca_DesigChr_scaffold06934_5672	Ca_desig_scaffold	5672	[T/C]	NA
Ca_DesigChr_scaffold06934_5673	Ca_desig_scaffold	5673	[A/G]	NA
Ca_DesigChr_scaffold06934_5674	Ca_desig_scaffold	5674	[T/C]	NA
Ca_DesigChr_scaffold06934_5675	Ca_desig_scaffold	5675	[T/C]	NA
Ca_DesigChr_scaffold06934_5676	Ca_desig_scaffold	5676	[G/A]	NA
Ca_DesigChr_scaffold06934_5677	Ca_desig_scaffold	5677	[T/C]	NA
Ca_DesigChr_scaffold06934_5680	Ca_desig_scaffold	5680	[A/T]	NA
Ca_DesigChr_scaffold06934_6602	Ca_desig_scaffold	6602	[C/T]	NA
Ca_DesigChr_scaffold06934_6603	Ca_desig_scaffold	6603	[G/A]	NA
Ca_DesigChr_scaffold06934_6604	Ca_desig_scaffold	6604	[A/G]	NA
Ca_DesigChr_scaffold06934_6605	Ca_desig_scaffold	6605	[T/C]	NA
Ca_DesigChr_scaffold06934_6606	Ca_desig_scaffold	6606	[T/C]	NA
Ca_DesigChr_scaffold06934_6607	Ca_desig_scaffold	6607	[G/A]	NA
Ca_DesigChr_scaffold06934_6608	Ca_desig_scaffold	6608	[A/G]	NA
Ca_DesigChr_scaffold06934_6609	Ca_desig_scaffold	6609	[A/G]	NA
Ca_DesigChr_scaffold06934_6610	Ca_desig_scaffold	6610	[A/G]	NA
Ca_DesigChr_scaffold06934_6611	Ca_desig_scaffold	6611	[G/A]	NA
Ca_DesigChr_scaffold06934_6612	Ca_desig_scaffold	6612	[A/G]	NA
Ca_DesigChr_scaffold06934_6613	Ca_desig_scaffold	6613	[G/A]	NA
Ca_DesigChr_scaffold06934_6614	Ca_desig_scaffold	6614	[A/G]	NA
Ca_DesigChr_scaffold06934_6615	Ca_desig_scaffold	6615	[G/A]	NA
Ca_DesigChr_scaffold06934_6616	Ca_desig_scaffold	6616	[T/G]	NA
Ca_DesigChr_scaffold06934_6617	Ca_desig_scaffold	6617	[A/G]	NA
Ca_DesigChr_scaffold06934_6618	Ca_desig_scaffold	6618	[G/A]	NA
Ca_DesigChr_scaffold06934_6619	Ca_desig_scaffold	6619	[G/A]	NA
Ca_DesigChr_scaffold06934_6620	Ca_desig_scaffold	6620	[A/G]	NA
Ca_DesigChr_scaffold06934_6621	Ca_desig_scaffold	6621	[G/A]	NA
Ca_DesigChr_scaffold06934_6622	Ca_desig_scaffold	6622	[C/T]	NA
Ca_DesigChr_scaffold06934_6623	Ca_desig_scaffold	6623	[G/A]	NA
Ca_DesigChr_scaffold06934_6624	Ca_desig_scaffold	6624	[C/T]	NA
Ca_DesigChr_scaffold06934_6625	Ca_desig_scaffold	6625	[A/G]	NA
Ca_DesigChr_scaffold06934_6626	Ca_desig_scaffold	6626	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold06934_6627	Ca_desig_scaffold	6627	[T/C]	NA
Ca_DesigChr_scaffold06934_6628	Ca_desig_scaffold	6628	[C/T]	NA
Ca_DesigChr_scaffold06934_6629	Ca_desig_scaffold	6629	[T/C]	NA
Ca_DesigChr_scaffold06934_6630	Ca_desig_scaffold	6630	[C/T]	NA
Ca_DesigChr_scaffold06934_6631	Ca_desig_scaffold	6631	[T/C]	NA
Ca_DesigChr_scaffold06934_6632	Ca_desig_scaffold	6632	[C/T]	NA
Ca_DesigChr_scaffold06934_6633	Ca_desig_scaffold	6633	[C/T]	NA
Ca_DesigChr_scaffold06934_6634	Ca_desig_scaffold	6634	[A/G]	NA
Ca_DesigChr_scaffold06934_6635	Ca_desig_scaffold	6635	[T/C]	NA
Ca_DesigChr_scaffold06934_6637	Ca_desig_scaffold	6637	[T/C]	NA
Ca_DesigChr_scaffold06934_6638	Ca_desig_scaffold	6638	[C/T]	NA
Ca_DesigChr_scaffold06934_6639	Ca_desig_scaffold	6639	[A/G]	NA
Ca_DesigChr_scaffold06934_6640	Ca_desig_scaffold	6640	[G/A]	NA
Ca_DesigChr_scaffold06934_6641	Ca_desig_scaffold	6641	[T/C]	NA
Ca_DesigChr_scaffold06934_6642	Ca_desig_scaffold	6642	[T/C]	NA
Ca_DesigChr_scaffold06934_6643	Ca_desig_scaffold	6643	[G/A]	NA
Ca_DesigChr_scaffold06934_6644	Ca_desig_scaffold	6644	[G/A]	NA
Ca_DesigChr_scaffold06934_6645	Ca_desig_scaffold	6645	[A/G]	NA
Ca_DesigChr_scaffold06934_6646	Ca_desig_scaffold	6646	[A/G]	NA
Ca_DesigChr_scaffold06934_6647	Ca_desig_scaffold	6647	[A/G]	NA
Ca_DesigChr_scaffold06934_6648	Ca_desig_scaffold	6648	[G/A]	NA
Ca_DesigChr_scaffold06934_6649	Ca_desig_scaffold	6649	[T/C]	NA
Ca_DesigChr_scaffold06934_6650	Ca_desig_scaffold	6650	[C/T]	NA
Ca_DesigChr_scaffold06934_6651	Ca_desig_scaffold	6651	[T/C]	NA
Ca_DesigChr_scaffold06934_6652	Ca_desig_scaffold	6652	[A/G]	NA
Ca_DesigChr_scaffold06934_6653	Ca_desig_scaffold	6653	[T/C]	NA
Ca_DesigChr_scaffold06934_6654	Ca_desig_scaffold	6654	[C/T]	NA
Ca_DesigChr_scaffold06934_6655	Ca_desig_scaffold	6655	[G/A]	NA
Ca_DesigChr_scaffold06934_6656	Ca_desig_scaffold	6656	[C/T]	NA
Ca_DesigChr_scaffold06934_6657	Ca_desig_scaffold	6657	[T/C]	NA
Ca_DesigChr_scaffold06934_6658	Ca_desig_scaffold	6658	[C/T]	NA
Ca_DesigChr_scaffold06934_6659	Ca_desig_scaffold	6659	[T/C]	NA
Ca_DesigChr_scaffold06934_6660	Ca_desig_scaffold	6660	[C/T]	NA
Ca_DesigChr_scaffold06934_6661	Ca_desig_scaffold	6661	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold06934_7062	Ca_desi_scaffold	7062	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_7065	Ca_desi_scaffold	7065	[T/G]	NA
Ca_Desi_Chromosome_scaffold06934_7089	Ca_desi_scaffold	7089	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_7194	Ca_desi_scaffold	7194	[C/G]	NA
Ca_Desi_Chromosome_scaffold06934_7195	Ca_desi_scaffold	7195	[C/A]	NA
Ca_Desi_Chromosome_scaffold06934_7198	Ca_desi_scaffold	7198	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_7201	Ca_desi_scaffold	7201	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_7214	Ca_desi_scaffold	7214	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_7216	Ca_desi_scaffold	7216	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_7219	Ca_desi_scaffold	7219	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_7228	Ca_desi_scaffold	7228	[A/C]	NA
Ca_Desi_Chromosome_scaffold06934_7232	Ca_desi_scaffold	7232	[A/C]	NA
Ca_Desi_Chromosome_scaffold06934_7240	Ca_desi_scaffold	7240	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_7244	Ca_desi_scaffold	7244	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_7253	Ca_desi_scaffold	7253	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_9653	Ca_desi_scaffold	9653	[A/T]	NA
Ca_Desi_Chromosome_scaffold06934_10350	Ca_desi_scaffold	10350	[G/C]	NA
Ca_Desi_Chromosome_scaffold06934_10351	Ca_desi_scaffold	10351	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_10352	Ca_desi_scaffold	10352	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_10353	Ca_desi_scaffold	10353	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_10354	Ca_desi_scaffold	10354	[C/T]	NA
Ca_Desi_Chromosome_scaffold06934_10355	Ca_desi_scaffold	10355	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_10356	Ca_desi_scaffold	10356	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_10357	Ca_desi_scaffold	10357	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_10358	Ca_desi_scaffold	10358	[A/G]	NA
Ca_Desi_Chromosome_scaffold06934_10359	Ca_desi_scaffold	10359	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_10360	Ca_desi_scaffold	10360	[C/T]	NA
Ca_Desi_Chromosome_scaffold06934_10361	Ca_desi_scaffold	10361	[C/T]	NA
Ca_Desi_Chromosome_scaffold06934_10362	Ca_desi_scaffold	10362	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_10364	Ca_desi_scaffold	10364	[T/C]	NA
Ca_Desi_Chromosome_scaffold06934_10365	Ca_desi_scaffold	10365	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_10366	Ca_desi_scaffold	10366	[T/G]	NA
Ca_Desi_Chromosome_scaffold06934_10367	Ca_desi_scaffold	10367	[G/A]	NA
Ca_Desi_Chromosome_scaffold06934_10368	Ca_desi_scaffold	10368	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold06934_10369	Ca_desig_scaffold	10369	[T/C]	NA
Ca_DesigChr_scaffold06934_10370	Ca_desig_scaffold	10370	[C/T]	NA
Ca_DesigChr_scaffold06934_10371	Ca_desig_scaffold	10371	[A/G]	NA
Ca_DesigChr_scaffold06934_10372	Ca_desig_scaffold	10372	[A/G]	NA
Ca_DesigChr_scaffold06934_10373	Ca_desig_scaffold	10373	[C/T]	NA
Ca_DesigChr_scaffold06934_10374	Ca_desig_scaffold	10374	[T/C]	NA
Ca_DesigChr_scaffold06934_10375	Ca_desig_scaffold	10375	[C/T]	NA
Ca_DesigChr_scaffold06934_10376	Ca_desig_scaffold	10376	[C/T]	NA
Ca_DesigChr_scaffold06934_10377	Ca_desig_scaffold	10377	[T/C]	NA
Ca_DesigChr_scaffold06934_10378	Ca_desig_scaffold	10378	[G/A]	NA
Ca_DesigChr_scaffold06934_10379	Ca_desig_scaffold	10379	[C/T]	NA
Ca_DesigChr_scaffold06934_10380	Ca_desig_scaffold	10380	[T/C]	NA
Ca_DesigChr_scaffold06934_10382	Ca_desig_scaffold	10382	[C/T]	NA
Ca_DesigChr_scaffold06934_10383	Ca_desig_scaffold	10383	[T/C]	NA
Ca_DesigChr_scaffold06934_10384	Ca_desig_scaffold	10384	[G/T]	NA
Ca_DesigChr_scaffold06934_10385	Ca_desig_scaffold	10385	[G/A]	NA
Ca_DesigChr_scaffold06934_10386	Ca_desig_scaffold	10386	[G/A]	NA
Ca_DesigChr_scaffold06934_10388	Ca_desig_scaffold	10388	[C/T]	NA
Ca_DesigChr_scaffold06934_10389	Ca_desig_scaffold	10389	[A/G]	NA
Ca_DesigChr_scaffold06934_10390	Ca_desig_scaffold	10390	[A/G]	NA
Ca_DesigChr_scaffold06934_10391	Ca_desig_scaffold	10391	[C/T]	NA
Ca_DesigChr_scaffold06934_10392	Ca_desig_scaffold	10392	[T/C]	NA
Ca_DesigChr_scaffold06934_10393	Ca_desig_scaffold	10393	[C/T]	NA
Ca_DesigChr_scaffold06934_10394	Ca_desig_scaffold	10394	[C/T]	NA
Ca_DesigChr_scaffold06934_10395	Ca_desig_scaffold	10395	[A/G]	NA
Ca_DesigChr_scaffold06934_10396	Ca_desig_scaffold	10396	[A/G]	NA
Ca_DesigChr_scaffold06934_10397	Ca_desig_scaffold	10397	[A/G]	NA
Ca_DesigChr_scaffold06934_10399	Ca_desig_scaffold	10399	[C/T]	NA
Ca_DesigChr_scaffold06934_10400	Ca_desig_scaffold	10400	[A/G]	NA
Ca_DesigChr_scaffold06934_10401	Ca_desig_scaffold	10401	[A/G]	NA
Ca_DesigChr_scaffold06934_10402	Ca_desig_scaffold	10402	[C/T]	NA
Ca_DesigChr_scaffold06934_10403	Ca_desig_scaffold	10403	[A/G]	NA
Ca_DesigChr_scaffold06934_10404	Ca_desig_scaffold	10404	[T/C]	NA
Ca_DesigChr_scaffold06934_10406	Ca_desig_scaffold	10406	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold06934_10407	Ca_desi_scaffold	10407	[G/A]	NA
Ca_Desi_Ch_scaffold06934_10408	Ca_desi_scaffold	10408	[G/A]	NA
Ca_Desi_Ch_scaffold06934_10449	Ca_desi_scaffold	10449	[C/T]	NA
Ca_Desi_Ch_scaffold06934_10451	Ca_desi_scaffold	10451	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10452	Ca_desi_scaffold	10452	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10453	Ca_desi_scaffold	10453	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10454	Ca_desi_scaffold	10454	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10455	Ca_desi_scaffold	10455	[C/T]	NA
Ca_Desi_Ch_scaffold06934_10456	Ca_desi_scaffold	10456	[A/G]	NA
Ca_Desi_Ch_scaffold06934_10457	Ca_desi_scaffold	10457	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10458	Ca_desi_scaffold	10458	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10460	Ca_desi_scaffold	10460	[A/G]	NA
Ca_Desi_Ch_scaffold06934_10461	Ca_desi_scaffold	10461	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10462	Ca_desi_scaffold	10462	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10463	Ca_desi_scaffold	10463	[G/A]	NA
Ca_Desi_Ch_scaffold06934_10464	Ca_desi_scaffold	10464	[A/G]	NA
Ca_Desi_Ch_scaffold06934_10466	Ca_desi_scaffold	10466	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10467	Ca_desi_scaffold	10467	[A/G]	NA
Ca_Desi_Ch_scaffold06934_10468	Ca_desi_scaffold	10468	[A/G]	NA
Ca_Desi_Ch_scaffold06934_10469	Ca_desi_scaffold	10469	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10470	Ca_desi_scaffold	10470	[G/C]	NA
Ca_Desi_Ch_scaffold06934_10471	Ca_desi_scaffold	10471	[C/T]	NA
Ca_Desi_Ch_scaffold06934_10472	Ca_desi_scaffold	10472	[C/T]	NA
Ca_Desi_Ch_scaffold06934_10473	Ca_desi_scaffold	10473	[C/T]	NA
Ca_Desi_Ch_scaffold06934_10475	Ca_desi_scaffold	10475	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10476	Ca_desi_scaffold	10476	[C/T]	NA
Ca_Desi_Ch_scaffold06934_10477	Ca_desi_scaffold	10477	[G/A]	NA
Ca_Desi_Ch_scaffold06934_10478	Ca_desi_scaffold	10478	[G/A]	NA
Ca_Desi_Ch_scaffold06934_10479	Ca_desi_scaffold	10479	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10480	Ca_desi_scaffold	10480	[T/C]	NA
Ca_Desi_Ch_scaffold06934_10481	Ca_desi_scaffold	10481	[G/A]	NA
Ca_Desi_Ch_scaffold06934_10482	Ca_desi_scaffold	10482	[A/G]	NA
Ca_Desi_Ch_scaffold06934_10483	Ca_desi_scaffold	10483	[A/G]	NA
Ca_Desi_Ch_scaffold06934_10484	Ca_desi_scaffold	10484	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold06934_10485	Ca_desig_scaffold	10485	[G/A]	NA
Ca_Desig_Chr_scaffold06934_10486	Ca_desig_scaffold	10486	[A/G]	NA
Ca_Desig_Chr_scaffold06934_10487	Ca_desig_scaffold	10487	[G/A]	NA
Ca_Desig_Chr_scaffold06934_10488	Ca_desig_scaffold	10488	[A/G]	NA
Ca_Desig_Chr_scaffold06934_10489	Ca_desig_scaffold	10489	[A/G]	NA
Ca_Desig_Chr_scaffold06934_10490	Ca_desig_scaffold	10490	[T/C]	NA
Ca_Desig_Chr_scaffold06934_10492	Ca_desig_scaffold	10492	[T/C]	NA
Ca_Desig_Chr_scaffold06934_10493	Ca_desig_scaffold	10493	[T/C]	NA
Ca_Desig_Chr_scaffold06934_10494	Ca_desig_scaffold	10494	[T/C]	NA
Ca_Desig_Chr_scaffold06934_10495	Ca_desig_scaffold	10495	[T/C]	NA
Ca_Desig_Chr_scaffold06934_10497	Ca_desig_scaffold	10497	[C/T]	NA
Ca_Desig_Chr_scaffold06934_10498	Ca_desig_scaffold	10498	[C/T]	NA
Ca_Desig_Chr_scaffold06934_10499	Ca_desig_scaffold	10499	[G/A]	NA
Ca_Desig_Chr_scaffold06934_10501	Ca_desig_scaffold	10501	[T/C]	NA
Ca_Desig_Chr_scaffold06934_10502	Ca_desig_scaffold	10502	[G/A]	NA
Ca_Desig_Chr_scaffold06934_10503	Ca_desig_scaffold	10503	[G/A]	NA
Ca_Desig_Chr_scaffold06934_10504	Ca_desig_scaffold	10504	[A/G]	NA
Ca_Desig_Chr_scaffold06934_10505	Ca_desig_scaffold	10505	[T/C]	NA
Ca_Desig_Chr_scaffold06934_10506	Ca_desig_scaffold	10506	[C/T]	NA
Ca_Desig_Chr_scaffold06934_10507	Ca_desig_scaffold	10507	[A/G]	NA
Ca_Desig_Chr_scaffold06934_12513	Ca_desig_scaffold	12513	[A/G]	NA
Ca_Desig_Chr_scaffold06934_12555	Ca_desig_scaffold	12555	[A/G]	NA
Ca_Desig_Chr_scaffold06934_12563	Ca_desig_scaffold	12563	[A/G]	NA
Ca_Desig_Chr_scaffold06934_12570	Ca_desig_scaffold	12570	[T/C]	NA
Ca_Desig_Chr_scaffold06934_12584	Ca_desig_scaffold	12584	[A/G]	NA
Ca_Desig_Chr_scaffold06934_12595	Ca_desig_scaffold	12595	[A/G]	NA
Ca_Desig_Chr_scaffold06934_12601	Ca_desig_scaffold	12601	[A/G]	NA
Ca_Desig_Chr_scaffold06934_12607	Ca_desig_scaffold	12607	[T/C]	NA
Ca_Desig_Chr_scaffold06934_12610	Ca_desig_scaffold	12610	[C/T]	NA
Ca_Desig_Chr_scaffold06934_12611	Ca_desig_scaffold	12611	[T/C]	NA
Ca_Desig_Chr_scaffold06934_12617	Ca_desig_scaffold	12617	[A/G]	NA
Ca_Desig_Chr_scaffold06934_12618	Ca_desig_scaffold	12618	[A/G]	NA
Ca_Desig_Chr_scaffold06934_12747	Ca_desig_scaffold	12747	[T/C]	NA
Ca_Desig_Chr_scaffold06934_12753	Ca_desig_scaffold	12753	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold06934_12758	Ca_desi_scaffold	12758	[T/C]	NA
Ca_Desi_Ch_scaffold06934_12759	Ca_desi_scaffold	12759	[T/C]	NA
Ca_Desi_Ch_scaffold06934_12763	Ca_desi_scaffold	12763	[T/C]	NA
Ca_Desi_Ch_scaffold06934_12765	Ca_desi_scaffold	12765	[T/C]	NA
Ca_Desi_Ch_scaffold06934_12779	Ca_desi_scaffold	12779	[A/G]	NA
Ca_Desi_Ch_scaffold06934_12780	Ca_desi_scaffold	12780	[A/G]	NA
Ca_Desi_Ch_scaffold06934_12785	Ca_desi_scaffold	12785	[T/C]	NA
Ca_Desi_Ch_scaffold06934_12786	Ca_desi_scaffold	12786	[T/C]	NA
Ca_Desi_Ch_scaffold06934_12796	Ca_desi_scaffold	12796	[T/C]	NA
Ca_Desi_Ch_scaffold06934_12798	Ca_desi_scaffold	12798	[T/C]	NA
Ca_Desi_Ch_scaffold06934_12838	Ca_desi_scaffold	12838	[T/G]	NA
Ca_Desi_Ch_scaffold06934_13042	Ca_desi_scaffold	13042	[A/G]	NA
Ca_Desi_Ch_scaffold06934_13055	Ca_desi_scaffold	13055	[T/C]	NA
Ca_Desi_Ch_scaffold06934_13063	Ca_desi_scaffold	13063	[A/G]	NA
Ca_Desi_Ch_scaffold06934_13065	Ca_desi_scaffold	13065	[T/C]	NA
Ca_Desi_Ch_scaffold06934_13068	Ca_desi_scaffold	13068	[T/C]	NA
Ca_Desi_Ch_scaffold06934_13070	Ca_desi_scaffold	13070	[A/G]	NA
Ca_Desi_Ch_scaffold06934_13076	Ca_desi_scaffold	13076	[A/G]	NA
Ca_Desi_Ch_scaffold06934_13077	Ca_desi_scaffold	13077	[A/G]	NA
Ca_Desi_Ch_scaffold06934_13078	Ca_desi_scaffold	13078	[A/G]	NA
Ca_Desi_Ch_scaffold06934_13082	Ca_desi_scaffold	13082	[A/G]	NA
Ca_Desi_Ch_scaffold06934_13399	Ca_desi_scaffold	13399	[T/C]	NA
Ca_Desi_Ch_scaffold06934_13425	Ca_desi_scaffold	13425	[T/C]	NA
Ca_Desi_Ch_scaffold06934_13427	Ca_desi_scaffold	13427	[A/C]	NA
Ca_Desi_Ch_scaffold06934_16428	Ca_desi_scaffold	16428	[T/C]	NA
Ca_Desi_Ch_scaffold06934_16429	Ca_desi_scaffold	16429	[T/C]	NA
Ca_Desi_Ch_scaffold06934_16434	Ca_desi_scaffold	16434	[T/C]	NA
Ca_Desi_Ch_scaffold06934_17179	Ca_desi_scaffold	17179	[T/G]	NA
Ca_Desi_Ch_scaffold06934_17181	Ca_desi_scaffold	17181	[C/T]	NA
Ca_Desi_Ch_scaffold06934_17182	Ca_desi_scaffold	17182	[A/C]	NA
Ca_Desi_Ch_scaffold06934_17460	Ca_desi_scaffold	17460	[C/G]	NA
Ca_Desi_Ch_scaffold06934_17461	Ca_desi_scaffold	17461	[T/C]	NA
Ca_Desi_Ch_scaffold06934_17462	Ca_desi_scaffold	17462	[T/C]	NA
Ca_Desi_Ch_scaffold06934_17463	Ca_desi_scaffold	17463	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold06934_17465	Ca_desig_scaffold	17465	[G/A]	NA
Ca_DesigChr_scaffold06934_17466	Ca_desig_scaffold	17466	[T/C]	NA
Ca_DesigChr_scaffold06934_17467	Ca_desig_scaffold	17467	[A/G]	NA
Ca_DesigChr_scaffold06934_17469	Ca_desig_scaffold	17469	[C/T]	NA
Ca_DesigChr_scaffold06934_17470	Ca_desig_scaffold	17470	[G/A]	NA
Ca_DesigChr_scaffold06934_17471	Ca_desig_scaffold	17471	[A/G]	NA
Ca_DesigChr_scaffold06934_17472	Ca_desig_scaffold	17472	[A/G]	NA
Ca_DesigChr_scaffold06934_17475	Ca_desig_scaffold	17475	[A/G]	NA
Ca_DesigChr_scaffold06934_17476	Ca_desig_scaffold	17476	[G/A]	NA
Ca_DesigChr_scaffold06934_17477	Ca_desig_scaffold	17477	[C/T]	NA
Ca_DesigChr_scaffold06934_17478	Ca_desig_scaffold	17478	[T/C]	NA
Ca_DesigChr_scaffold06934_17480	Ca_desig_scaffold	17480	[A/G]	NA
Ca_DesigChr_scaffold06934_17482	Ca_desig_scaffold	17482	[T/C]	NA
Ca_DesigChr_scaffold06934_17483	Ca_desig_scaffold	17483	[T/C]	NA
Ca_DesigChr_scaffold06934_17484	Ca_desig_scaffold	17484	[G/A]	NA
Ca_DesigChr_scaffold06934_17485	Ca_desig_scaffold	17485	[C/T]	NA
Ca_DesigChr_scaffold06934_17486	Ca_desig_scaffold	17486	[T/C]	NA
Ca_DesigChr_scaffold06934_17487	Ca_desig_scaffold	17487	[T/C]	NA
Ca_DesigChr_scaffold06934_17488	Ca_desig_scaffold	17488	[G/A]	NA
Ca_DesigChr_scaffold06934_17490	Ca_desig_scaffold	17490	[A/G]	NA
Ca_DesigChr_scaffold06934_17491	Ca_desig_scaffold	17491	[T/C]	NA
Ca_DesigChr_scaffold06934_17495	Ca_desig_scaffold	17495	[T/C]	NA
Ca_DesigChr_scaffold06934_17496	Ca_desig_scaffold	17496	[T/C]	NA
Ca_DesigChr_scaffold06934_17497	Ca_desig_scaffold	17497	[T/C]	NA
Ca_DesigChr_scaffold06934_17499	Ca_desig_scaffold	17499	[A/G]	NA
Ca_DesigChr_scaffold06934_17500	Ca_desig_scaffold	17500	[T/C]	NA
Ca_DesigChr_scaffold06934_17501	Ca_desig_scaffold	17501	[T/C]	NA
Ca_DesigChr_scaffold06934_17504	Ca_desig_scaffold	17504	[T/C]	NA
Ca_DesigChr_scaffold06934_17505	Ca_desig_scaffold	17505	[T/C]	NA
Ca_DesigChr_scaffold06934_17506	Ca_desig_scaffold	17506	[A/G]	NA
Ca_DesigChr_scaffold06934_17508	Ca_desig_scaffold	17508	[T/C]	NA
Ca_DesigChr_scaffold06934_17510	Ca_desig_scaffold	17510	[T/C]	NA
Ca_DesigChr_scaffold06934_17512	Ca_desig_scaffold	17512	[T/C]	NA
Ca_DesigChr_scaffold06934_17515	Ca_desig_scaffold	17515	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold06934_17518	Ca_desig_scaffold	17518	[T/C]	NA
Ca_Desig_Chr_scaffold06934_17519	Ca_desig_scaffold	17519	[T/C]	NA
Ca_Desig_Chr_scaffold00032_27021	Ca_desig_scaffold	27021	[T/C]	NA
Ca_Desig_Chr_scaffold00032_27023	Ca_desig_scaffold	27023	[A/G]	NA
Ca_Desig_Chr_scaffold00032_27025	Ca_desig_scaffold	27025	[A/G]	NA
Ca_Desig_Chr_scaffold00032_27030	Ca_desig_scaffold	27030	[A/G]	NA
Ca_Desig_Chr_scaffold00032_27032	Ca_desig_scaffold	27032	[A/G]	NA
Ca_Desig_Chr_scaffold00032_27035	Ca_desig_scaffold	27035	[T/C]	NA
Ca_Desig_Chr_scaffold00032_27048	Ca_desig_scaffold	27048	[A/C]	NA
Ca_Desig_Chr_scaffold00032_29531	Ca_desig_scaffold	29531	[T/C]	NA
Ca_Desig_Chr_scaffold00032_29534	Ca_desig_scaffold	29534	[T/G]	NA
Ca_Desig_Chr_scaffold00032_29583	Ca_desig_scaffold	29583	[A/G]	NA
Ca_Desig_Chr_scaffold00032_80728	Ca_desig_scaffold	80728	[C/G]	NA
Ca_Desig_Chr_scaffold00032_119102	Ca_desig_scaffold	119102	[T/G]	NA
Ca_Desig_Chr_scaffold00032_209348	Ca_desig_scaffold	209348	[T/G]	NA
Ca_Desig_Chr_scaffold00032_209833	Ca_desig_scaffold	209833	[T/C]	NA
Ca_Desig_Chr_scaffold00032_209872	Ca_desig_scaffold	209872	[A/G]	NA
Ca_Desig_Chr_scaffold00032_209875	Ca_desig_scaffold	209875	[C/A]	NA
Ca_Desig_Chr_scaffold00032_223946	Ca_desig_scaffold	223946	[A/C]	NA
Ca_Desig_Chr_scaffold00032_223947	Ca_desig_scaffold	223947	[T/G]	NA
Ca_Desig_Chr_scaffold00032_223949	Ca_desig_scaffold	223949	[A/T]	NA
Ca_Desig_Chr_scaffold00032_223950	Ca_desig_scaffold	223950	[T/C]	NA
Ca_Desig_Chr_scaffold00032_223951	Ca_desig_scaffold	223951	[G/T]	NA
Ca_Desig_Chr_scaffold00032_223998	Ca_desig_scaffold	223998	[T/A]	NA
Ca_Desig_Chr_scaffold00032_225708	Ca_desig_scaffold	225708	[T/C]	NA
Ca_Desig_Chr_scaffold00032_414217	Ca_desig_scaffold	414217	[A/G]	NA
Ca_Desig_Chr_scaffold00032_418320	Ca_desig_scaffold	418320	[A/G]	NA
Ca_Desig_Chr_scaffold00032_418325	Ca_desig_scaffold	418325	[A/C]	NA
Ca_Desig_Chr_scaffold00073_5451	Ca_desig_scaffold	5451	[C/A]	NA
Ca_Desig_Chr_scaffold00073_80445	Ca_desig_scaffold	80445	[G/A]	NA
Ca_Desig_Chr_scaffold00073_85482	Ca_desig_scaffold	85482	[T/C]	NA
Ca_Desig_Chr_scaffold00073_85545	Ca_desig_scaffold	85545	[A/G]	NA
Ca_Desig_Chr_scaffold00073_85548	Ca_desig_scaffold	85548	[A/G]	NA
Ca_Desig_Chr_scaffold00073_213841	Ca_desig_scaffold	213841	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00073_213849	Ca_desig_scaffold	213849	[C/T]	NA
Ca_Desig_Chr_scaffold00073_213851	Ca_desig_scaffold	213851	[A/T]	NA
Ca_Desig_Chr_scaffold00073_213860	Ca_desig_scaffold	213860	[A/C]	NA
Ca_Desig_Chr_scaffold00073_213872	Ca_desig_scaffold	213872	[T/A]	NA
Ca_Desig_Chr_scaffold00073_220087	Ca_desig_scaffold	220087	[G/C]	NA
Ca_Desig_Chr_scaffold00073_220089	Ca_desig_scaffold	220089	[T/C]	NA
Ca_Desig_Chr_scaffold00073_220090	Ca_desig_scaffold	220090	[A/C]	NA
Ca_Desig_Chr_scaffold00073_220094	Ca_desig_scaffold	220094	[T/G]	NA
Ca_Desig_Chr_scaffold00073_220102	Ca_desig_scaffold	220102	[A/G]	NA
Ca_Desig_Chr_scaffold00073_220105	Ca_desig_scaffold	220105	[T/C]	NA
Ca_Desig_Chr_scaffold00073_220108	Ca_desig_scaffold	220108	[T/C]	NA
Ca_Desig_Chr_scaffold00073_220119	Ca_desig_scaffold	220119	[T/C]	NA
Ca_Desig_Chr_scaffold00073_220123	Ca_desig_scaffold	220123	[T/C]	NA
Ca_Desig_Chr_scaffold00073_220125	Ca_desig_scaffold	220125	[G/T]	NA
Ca_Desig_Chr_scaffold00073_220129	Ca_desig_scaffold	220129	[T/G]	NA
Ca_Desig_Chr_scaffold00073_220131	Ca_desig_scaffold	220131	[A/G]	NA
Ca_Desig_Chr_scaffold00073_220133	Ca_desig_scaffold	220133	[A/G]	NA
Ca_Desig_Chr_scaffold00073_220142	Ca_desig_scaffold	220142	[A/G]	NA
Ca_Desig_Chr_scaffold00073_300886	Ca_desig_scaffold	300886	[T/C]	NA
Ca_Desig_Chr_scaffold00073_300910	Ca_desig_scaffold	300910	[A/C]	NA
Ca_Desig_Chr_scaffold00073_300960	Ca_desig_scaffold	300960	[T/G]	NA
Ca_Desig_Chr_scaffold00073_300993	Ca_desig_scaffold	300993	[A/G]	NA
Ca_Desig_Chr_scaffold00073_300998	Ca_desig_scaffold	300998	[T/C]	NA
Ca_Desig_Chr_scaffold00073_301471	Ca_desig_scaffold	301471	[T/C]	NA
Ca_Desig_Chr_scaffold00073_327154	Ca_desig_scaffold	327154	[T/C]	NA
Ca_Desig_Chr_scaffold00073_327170	Ca_desig_scaffold	327170	[T/G]	NA
Ca_Desig_Chr_scaffold00073_335504	Ca_desig_scaffold	335504	[T/G]	NA
Ca_Desig_Chr_scaffold00073_353260	Ca_desig_scaffold	353260	[T/C]	NA
Ca_Desig_Chr_scaffold00077_12926	Ca_desig_scaffold	12926	[T/C]	NA
Ca_Desig_Chr_scaffold00077_32762	Ca_desig_scaffold	32762	[A/G]	NA
Ca_Desig_Chr_scaffold00077_32772	Ca_desig_scaffold	32772	[T/G]	NA
Ca_Desig_Chr_scaffold00077_32780	Ca_desig_scaffold	32780	[A/T]	NA
Ca_Desig_Chr_scaffold00077_32791	Ca_desig_scaffold	32791	[T/C]	NA
Ca_Desig_Chr_scaffold00077_32796	Ca_desig_scaffold	32796	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00077_32799	Ca_desi_scaffold	32799	[T/C]	NA
Ca_Desi_Ch_scaffold00077_84901	Ca_desi_scaffold	84901	[A/C]	NA
Ca_Desi_Ch_scaffold00077_138164	Ca_desi_scaffold	138164	[T/C]	NA
Ca_Desi_Ch_scaffold00077_138213	Ca_desi_scaffold	138213	[T/G]	NA
Ca_Desi_Ch_scaffold00077_138218	Ca_desi_scaffold	138218	[T/G]	NA
Ca_Desi_Ch_scaffold00077_138242	Ca_desi_scaffold	138242	[A/C]	NA
Ca_Desi_Ch_scaffold00077_138257	Ca_desi_scaffold	138257	[T/C]	NA
Ca_Desi_Ch_scaffold00077_142018	Ca_desi_scaffold	142018	[T/C]	NA
Ca_Desi_Ch_scaffold00077_142073	Ca_desi_scaffold	142073	[A/C]	NA
Ca_Desi_Ch_scaffold00077_142091	Ca_desi_scaffold	142091	[T/C]	NA
Ca_Desi_Ch_scaffold00077_142124	Ca_desi_scaffold	142124	[T/C]	NA
Ca_Desi_Ch_scaffold00077_142128	Ca_desi_scaffold	142128	[T/G]	NA
Ca_Desi_Ch_scaffold00077_142152	Ca_desi_scaffold	142152	[T/C]	NA
Ca_Desi_Ch_scaffold00077_142166	Ca_desi_scaffold	142166	[A/G]	NA
Ca_Desi_Ch_scaffold00077_142170	Ca_desi_scaffold	142170	[T/G]	NA
Ca_Desi_Ch_scaffold00077_142182	Ca_desi_scaffold	142182	[T/C]	NA
Ca_Desi_Ch_scaffold00077_179625	Ca_desi_scaffold	179625	[T/G]	NA
Ca_Desi_Ch_scaffold00077_179642	Ca_desi_scaffold	179642	[T/G]	NA
Ca_Desi_Ch_scaffold00077_179649	Ca_desi_scaffold	179649	[T/G]	NA
Ca_Desi_Ch_scaffold00077_192459	Ca_desi_scaffold	192459	[T/C]	NA
Ca_Desi_Ch_scaffold00077_199681	Ca_desi_scaffold	199681	[T/C]	NA
Ca_Desi_Ch_scaffold00077_224310	Ca_desi_scaffold	224310	[T/A]	NA
Ca_Desi_Ch_scaffold00077_225172	Ca_desi_scaffold	225172	[A/G]	NA
Ca_Desi_Ch_scaffold00077_251691	Ca_desi_scaffold	251691	[A/G]	NA
Ca_Desi_Ch_scaffold00077_294767	Ca_desi_scaffold	294767	[T/G]	NA
Ca_Desi_Ch_scaffold00077_294770	Ca_desi_scaffold	294770	[A/G]	NA
Ca_Desi_Ch_scaffold00077_294779	Ca_desi_scaffold	294779	[T/G]	NA
Ca_Desi_Ch_scaffold00077_325198	Ca_desi_scaffold	325198	[T/G]	NA
Ca_Desi_Ch_scaffold00077_388790	Ca_desi_scaffold	388790	[A/C]	NA
Ca_Desi_Ch_scaffold00078_260759	Ca_desi_scaffold	260759	[T/C]	NA
Ca_Desi_Ch_scaffold00078_260798	Ca_desi_scaffold	260798	[A/G]	NA
Ca_Desi_Ch_scaffold00078_260799	Ca_desi_scaffold	260799	[A/G]	NA
Ca_Desi_Ch_scaffold00078_260802	Ca_desi_scaffold	260802	[A/C]	NA
Ca_Desi_Ch_scaffold00078_260805	Ca_desi_scaffold	260805	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00078_260814	Ca_desig_scaffold	260814	[A/C]	NA
Ca_Desig_Chr_scaffold00079_14839	Ca_desig_scaffold	14839	[A/G]	NA
Ca_Desig_Chr_scaffold00079_14871	Ca_desig_scaffold	14871	[A/G]	NA
Ca_Desig_Chr_scaffold00079_14873	Ca_desig_scaffold	14873	[T/G]	NA
Ca_Desig_Chr_scaffold00079_14882	Ca_desig_scaffold	14882	[A/C]	NA
Ca_Desig_Chr_scaffold00079_14884	Ca_desig_scaffold	14884	[A/C]	NA
Ca_Desig_Chr_scaffold00079_14886	Ca_desig_scaffold	14886	[A/G]	NA
Ca_Desig_Chr_scaffold00079_63097	Ca_desig_scaffold	63097	[G/T]	NA
Ca_Desig_Chr_scaffold00079_241961	Ca_desig_scaffold	241961	[T/A]	NA
Ca_Desig_Chr_scaffold00079_241973	Ca_desig_scaffold	241973	[T/C]	NA
Ca_Desig_Chr_scaffold00079_312391	Ca_desig_scaffold	312391	[A/C]	NA
Ca_Desig_Chr_scaffold00079_312400	Ca_desig_scaffold	312400	[A/C]	NA
Ca_Desig_Chr_scaffold00079_312418	Ca_desig_scaffold	312418	[T/G]	NA
Ca_Desig_Chr_scaffold00079_312423	Ca_desig_scaffold	312423	[T/G]	NA
Ca_Desig_Chr_scaffold00079_314256	Ca_desig_scaffold	314256	[A/G]	NA
Ca_Desig_Chr_scaffold00079_314265	Ca_desig_scaffold	314265	[T/C]	NA
Ca_Desig_Chr_scaffold00079_314267	Ca_desig_scaffold	314267	[A/C]	NA
Ca_Desig_Chr_scaffold00079_314281	Ca_desig_scaffold	314281	[A/T]	NA
Ca_Desig_Chr_scaffold00079_328668	Ca_desig_scaffold	328668	[A/C]	NA
Ca_Desig_Chr_scaffold00079_345247	Ca_desig_scaffold	345247	[T/C]	NA
Ca_Desig_Chr_scaffold00079_352671	Ca_desig_scaffold	352671	[T/A]	NA
Ca_Desig_Chr_scaffold00079_363044	Ca_desig_scaffold	363044	[C/T]	NA
Ca_Desig_Chr_scaffold00089_101757	Ca_desig_scaffold	101757	[A/C]	NA
Ca_Desig_Chr_scaffold00089_101780	Ca_desig_scaffold	101780	[A/G]	NA
Ca_Desig_Chr_scaffold00089_147457	Ca_desig_scaffold	147457	[A/C]	NA
Ca_Desig_Chr_scaffold00089_147467	Ca_desig_scaffold	147467	[T/G]	NA
Ca_Desig_Chr_scaffold00089_147485	Ca_desig_scaffold	147485	[A/G]	NA
Ca_Desig_Chr_scaffold00089_147491	Ca_desig_scaffold	147491	[A/C]	NA
Ca_Desig_Chr_scaffold00089_289402	Ca_desig_scaffold	289402	[A/G]	NA
Ca_Desig_Chr_scaffold00089_296259	Ca_desig_scaffold	296259	[T/A]	NA
Ca_Desig_Chr_scaffold00089_301696	Ca_desig_scaffold	301696	[C/A]	NA
Ca_Desig_Chr_scaffold00089_316091	Ca_desig_scaffold	316091	[C/A]	NA
Ca_Desig_Chr_scaffold00089_316095	Ca_desig_scaffold	316095	[A/G]	NA
Ca_Desig_Chr_scaffold00089_316096	Ca_desig_scaffold	316096	[C/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00089_316582	Ca_desi_scaffold	316582	[A/C]	NA
Ca_Desi_Ch_scaffold00093_21103	Ca_desi_scaffold	21103	[T/G]	NA
Ca_Desi_Ch_scaffold00093_21245	Ca_desi_scaffold	21245	[G/T]	NA
Ca_Desi_Ch_scaffold00093_38552	Ca_desi_scaffold	38552	[A/C]	NA
Ca_Desi_Ch_scaffold00093_65867	Ca_desi_scaffold	65867	[T/C]	NA
Ca_Desi_Ch_scaffold00093_65910	Ca_desi_scaffold	65910	[A/G]	NA
Ca_Desi_Ch_scaffold00093_157340	Ca_desi_scaffold	157340	[C/G]	NA
Ca_Desi_Ch_scaffold00093_161377	Ca_desi_scaffold	161377	[A/G]	NA
Ca_Desi_Ch_scaffold00093_161416	Ca_desi_scaffold	161416	[A/C]	NA
Ca_Desi_Ch_scaffold00093_164320	Ca_desi_scaffold	164320	[A/T]	NA
Ca_Desi_Ch_scaffold00093_164322	Ca_desi_scaffold	164322	[C/G]	NA
Ca_Desi_Ch_scaffold00093_164323	Ca_desi_scaffold	164323	[T/G]	NA
Ca_Desi_Ch_scaffold00093_176782	Ca_desi_scaffold	176782	[C/A]	NA
Ca_Desi_Ch_scaffold00093_176783	Ca_desi_scaffold	176783	[T/G]	NA
Ca_Desi_Ch_scaffold00093_214917	Ca_desi_scaffold	214917	[T/G]	NA
Ca_Desi_Ch_scaffold00093_214943	Ca_desi_scaffold	214943	[T/C]	NA
Ca_Desi_Ch_scaffold00093_215013	Ca_desi_scaffold	215013	[A/T]	NA
Ca_Desi_Ch_scaffold00093_245842	Ca_desi_scaffold	245842	[A/C]	NA
Ca_Desi_Ch_scaffold00093_262976	Ca_desi_scaffold	262976	[A/G]	NA
Ca_Desi_Ch_scaffold00093_263002	Ca_desi_scaffold	263002	[T/C]	NA
Ca_Desi_Ch_scaffold00093_263482	Ca_desi_scaffold	263482	[T/C]	NA
Ca_Desi_Ch_scaffold00093_301757	Ca_desi_scaffold	301757	[T/C]	NA
Ca_Desi_Ch_scaffold00093_329717	Ca_desi_scaffold	329717	[T/G]	NA
Ca_Desi_Ch_scaffold00093_329743	Ca_desi_scaffold	329743	[A/G]	NA
Ca_Desi_Ch_scaffold00105_38079	Ca_desi_scaffold	38079	[T/C]	NA
Ca_Desi_Ch_scaffold00105_38120	Ca_desi_scaffold	38120	[A/G]	NA
Ca_Desi_Ch_scaffold00105_69861	Ca_desi_scaffold	69861	[T/G]	NA
Ca_Desi_Ch_scaffold00105_98890	Ca_desi_scaffold	98890	[T/C]	NA
Ca_Desi_Ch_scaffold00105_98910	Ca_desi_scaffold	98910	[G/C]	NA
Ca_Desi_Ch_scaffold00105_98916	Ca_desi_scaffold	98916	[T/C]	NA
Ca_Desi_Ch_scaffold00105_98935	Ca_desi_scaffold	98935	[A/G]	NA
Ca_Desi_Ch_scaffold00105_108818	Ca_desi_scaffold	108818	[T/A]	NA
Ca_Desi_Ch_scaffold00105_108820	Ca_desi_scaffold	108820	[A/C]	NA
Ca_Desi_Ch_scaffold00105_108821	Ca_desi_scaffold	108821	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00105_109317	Ca_desi_scaffold	109317	[T/A]	NA
Ca_Desi_Ch_scaffold00105_109318	Ca_desi_scaffold	109318	[A/T]	NA
Ca_Desi_Ch_scaffold00105_155562	Ca_desi_scaffold	155562	[T/G]	NA
Ca_Desi_Ch_scaffold00105_205937	Ca_desi_scaffold	205937	[G/T]	NA
Ca_Desi_Ch_scaffold00105_205959	Ca_desi_scaffold	205959	[C/G]	NA
Ca_Desi_Ch_scaffold00105_206048	Ca_desi_scaffold	206048	[A/G]	NA
Ca_Desi_Ch_scaffold00105_272942	Ca_desi_scaffold	272942	[A/C]	NA
Ca_Desi_Ch_scaffold00105_296481	Ca_desi_scaffold	296481	[T/C]	NA
Ca_Desi_Ch_scaffold00105_315101	Ca_desi_scaffold	315101	[A/C]	NA
Ca_Desi_Ch_scaffold00105_316372	Ca_desi_scaffold	316372	[T/C]	NA
Ca_Desi_Ch_scaffold00105_318268	Ca_desi_scaffold	318268	[A/C]	NA
Ca_Desi_Ch_scaffold00105_319520	Ca_desi_scaffold	319520	[G/T]	NA
Ca_Desi_Ch_scaffold00110_31634	Ca_desi_scaffold	31634	[A/C]	NA
Ca_Desi_Ch_scaffold00110_31667	Ca_desi_scaffold	31667	[A/C]	NA
Ca_Desi_Ch_scaffold00110_138498	Ca_desi_scaffold	138498	[C/T]	NA
Ca_Desi_Ch_scaffold00110_149417	Ca_desi_scaffold	149417	[T/G]	NA
Ca_Desi_Ch_scaffold00110_149435	Ca_desi_scaffold	149435	[T/G]	NA
Ca_Desi_Ch_scaffold00110_149443	Ca_desi_scaffold	149443	[G/T]	NA
Ca_Desi_Ch_scaffold00110_149459	Ca_desi_scaffold	149459	[A/T]	NA
Ca_Desi_Ch_scaffold00110_210917	Ca_desi_scaffold	210917	[A/C]	NA
Ca_Desi_Ch_scaffold00110_210984	Ca_desi_scaffold	210984	[T/C]	NA
Ca_Desi_Ch_scaffold00110_211002	Ca_desi_scaffold	211002	[A/G]	NA
Ca_Desi_Ch_scaffold00110_274693	Ca_desi_scaffold	274693	[A/C]	NA
Ca_Desi_Ch_scaffold00110_274694	Ca_desi_scaffold	274694	[A/T]	NA
Ca_Desi_Ch_scaffold00110_274696	Ca_desi_scaffold	274696	[G/T]	NA
Ca_Desi_Ch_scaffold00110_279425	Ca_desi_scaffold	279425	[A/C]	NA
Ca_Desi_Ch_scaffold00110_279426	Ca_desi_scaffold	279426	[G/T]	NA
Ca_Desi_Ch_scaffold00110_282223	Ca_desi_scaffold	282223	[T/C]	NA
Ca_Desi_Ch_scaffold00110_286971	Ca_desi_scaffold	286971	[A/G]	NA
Ca_Desi_Ch_scaffold00110_286979	Ca_desi_scaffold	286979	[A/G]	NA
Ca_Desi_Ch_scaffold00110_286983	Ca_desi_scaffold	286983	[T/C]	NA
Ca_Desi_Ch_scaffold00110_286995	Ca_desi_scaffold	286995	[A/G]	NA
Ca_Desi_Ch_scaffold00110_287009	Ca_desi_scaffold	287009	[T/C]	NA
Ca_Desi_Ch_scaffold00110_291976	Ca_desi_scaffold	291976	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00110_291989	Ca_desig_scaffold	291989	[T/C]	NA
Ca_DesigChr_scaffold00110_291991	Ca_desig_scaffold	291991	[A/C]	NA
Ca_DesigChr_scaffold00110_291995	Ca_desig_scaffold	291995	[T/C]	NA
Ca_DesigChr_scaffold00110_291996	Ca_desig_scaffold	291996	[C/T]	NA
Ca_DesigChr_scaffold00110_292010	Ca_desig_scaffold	292010	[T/C]	NA
Ca_DesigChr_scaffold00110_292011	Ca_desig_scaffold	292011	[T/C]	NA
Ca_DesigChr_scaffold00110_292013	Ca_desig_scaffold	292013	[T/C]	NA
Ca_DesigChr_scaffold00110_292019	Ca_desig_scaffold	292019	[A/G]	NA
Ca_DesigChr_scaffold00110_292032	Ca_desig_scaffold	292032	[A/G]	NA
Ca_DesigChr_scaffold00113_66738	Ca_desig_scaffold	66738	[C/T]	NA
Ca_DesigChr_scaffold00113_112847	Ca_desig_scaffold	112847	[A/G]	NA
Ca_DesigChr_scaffold00113_113327	Ca_desig_scaffold	113327	[T/C]	NA
Ca_DesigChr_scaffold00113_124881	Ca_desig_scaffold	124881	[A/C]	NA
Ca_DesigChr_scaffold00113_140380	Ca_desig_scaffold	140380	[C/T]	NA
Ca_DesigChr_scaffold00113_154538	Ca_desig_scaffold	154538	[C/T]	NA
Ca_DesigChr_scaffold00113_159065	Ca_desig_scaffold	159065	[A/T]	NA
Ca_DesigChr_scaffold00113_204925	Ca_desig_scaffold	204925	[C/T]	NA
Ca_DesigChr_scaffold00113_205689	Ca_desig_scaffold	205689	[T/C]	NA
Ca_DesigChr_scaffold00113_205709	Ca_desig_scaffold	205709	[A/T]	NA
Ca_DesigChr_scaffold00113_206141	Ca_desig_scaffold	206141	[A/T]	NA
Ca_DesigChr_scaffold00113_206150	Ca_desig_scaffold	206150	[A/T]	NA
Ca_DesigChr_scaffold00113_206163	Ca_desig_scaffold	206163	[G/T]	NA
Ca_DesigChr_scaffold00113_206181	Ca_desig_scaffold	206181	[A/T]	NA
Ca_DesigChr_scaffold00113_228299	Ca_desig_scaffold	228299	[A/G]	NA
Ca_DesigChr_scaffold00113_230218	Ca_desig_scaffold	230218	[T/G]	NA
Ca_DesigChr_scaffold00113_230221	Ca_desig_scaffold	230221	[T/G]	NA
Ca_DesigChr_scaffold00113_230245	Ca_desig_scaffold	230245	[T/A]	NA
Ca_DesigChr_scaffold00113_254605	Ca_desig_scaffold	254605	[G/T]	NA
Ca_DesigChr_scaffold00113_254608	Ca_desig_scaffold	254608	[A/G]	NA
Ca_DesigChr_scaffold00113_254983	Ca_desig_scaffold	254983	[A/G]	NA
Ca_DesigChr_scaffold00113_254986	Ca_desig_scaffold	254986	[T/G]	NA
Ca_DesigChr_scaffold00113_255132	Ca_desig_scaffold	255132	[C/T]	NA
Ca_DesigChr_scaffold00113_255133	Ca_desig_scaffold	255133	[A/G]	NA
Ca_DesigChr_scaffold00113_257906	Ca_desig_scaffold	257906	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00113_257928	Ca_desi_scaffold	257928	[A/G]	NA
Ca_Desi_Ch_scaffold00113_285234	Ca_desi_scaffold	285234	[A/C]	NA
Ca_Desi_Ch_scaffold00119_11243	Ca_desi_scaffold	11243	[G/A]	NA
Ca_Desi_Ch_scaffold00119_75304	Ca_desi_scaffold	75304	[T/A]	NA
Ca_Desi_Ch_scaffold00119_75322	Ca_desi_scaffold	75322	[A/C]	NA
Ca_Desi_Ch_scaffold00119_75333	Ca_desi_scaffold	75333	[A/G]	NA
Ca_Desi_Ch_scaffold00119_78965	Ca_desi_scaffold	78965	[A/C]	NA
Ca_Desi_Ch_scaffold00119_78995	Ca_desi_scaffold	78995	[T/A]	NA
Ca_Desi_Ch_scaffold00119_80789	Ca_desi_scaffold	80789	[C/A]	NA
Ca_Desi_Ch_scaffold00119_104139	Ca_desi_scaffold	104139	[A/G]	NA
Ca_Desi_Ch_scaffold00119_196172	Ca_desi_scaffold	196172	[T/G]	NA
Ca_Desi_Ch_scaffold00119_220268	Ca_desi_scaffold	220268	[T/C]	NA
Ca_Desi_Ch_scaffold00119_281181	Ca_desi_scaffold	281181	[T/G]	NA
Ca_Desi_Ch_scaffold00122_45391	Ca_desi_scaffold	45391	[T/C]	NA
Ca_Desi_Ch_scaffold00122_45402	Ca_desi_scaffold	45402	[T/C]	NA
Ca_Desi_Ch_scaffold00122_183772	Ca_desi_scaffold	183772	[T/G]	NA
Ca_Desi_Ch_scaffold00122_295450	Ca_desi_scaffold	295450	[T/C]	NA
Ca_Desi_Ch_scaffold00122_295457	Ca_desi_scaffold	295457	[T/G]	NA
Ca_Desi_Ch_scaffold00122_295469	Ca_desi_scaffold	295469	[A/G]	NA
Ca_Desi_Ch_scaffold00126_22413	Ca_desi_scaffold	22413	[T/G]	NA
Ca_Desi_Ch_scaffold00126_22480	Ca_desi_scaffold	22480	[G/A]	NA
Ca_Desi_Ch_scaffold00126_22483	Ca_desi_scaffold	22483	[G/T]	NA
Ca_Desi_Ch_scaffold00126_33203	Ca_desi_scaffold	33203	[A/C]	NA
Ca_Desi_Ch_scaffold00126_91043	Ca_desi_scaffold	91043	[T/G]	NA
Ca_Desi_Ch_scaffold00126_120329	Ca_desi_scaffold	120329	[T/C]	NA
Ca_Desi_Ch_scaffold00126_120331	Ca_desi_scaffold	120331	[T/C]	NA
Ca_Desi_Ch_scaffold00126_120335	Ca_desi_scaffold	120335	[A/C]	NA
Ca_Desi_Ch_scaffold00126_120346	Ca_desi_scaffold	120346	[A/G]	NA
Ca_Desi_Ch_scaffold00126_120786	Ca_desi_scaffold	120786	[A/T]	NA
Ca_Desi_Ch_scaffold00126_121000	Ca_desi_scaffold	121000	[G/T]	NA
Ca_Desi_Ch_scaffold00126_140090	Ca_desi_scaffold	140090	[T/G]	NA
Ca_Desi_Ch_scaffold00126_142364	Ca_desi_scaffold	142364	[A/C]	NA
Ca_Desi_Ch_scaffold00126_163868	Ca_desi_scaffold	163868	[T/G]	NA
Ca_Desi_Ch_scaffold00126_167066	Ca_desi_scaffold	167066	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00126_175529	Ca_desig_scaffold	175529	[A/C]	NA
Ca_Desig_Chr_scaffold00126_224731	Ca_desig_scaffold	224731	[C/T]	NA
Ca_Desig_Chr_scaffold00126_224733	Ca_desig_scaffold	224733	[G/T]	NA
Ca_Desig_Chr_scaffold00126_224736	Ca_desig_scaffold	224736	[T/G]	NA
Ca_Desig_Chr_scaffold00126_224738	Ca_desig_scaffold	224738	[G/A]	NA
Ca_Desig_Chr_scaffold00126_224740	Ca_desig_scaffold	224740	[A/T]	NA
Ca_Desig_Chr_scaffold00126_224742	Ca_desig_scaffold	224742	[G/T]	NA
Ca_Desig_Chr_scaffold00126_224743	Ca_desig_scaffold	224743	[T/C]	NA
Ca_Desig_Chr_scaffold00126_224744	Ca_desig_scaffold	224744	[T/C]	NA
Ca_Desig_Chr_scaffold00126_224778	Ca_desig_scaffold	224778	[T/G]	NA
Ca_Desig_Chr_scaffold00126_236181	Ca_desig_scaffold	236181	[T/G]	NA
Ca_Desig_Chr_scaffold00126_236184	Ca_desig_scaffold	236184	[T/C]	NA
Ca_Desig_Chr_scaffold00126_236189	Ca_desig_scaffold	236189	[T/C]	NA
Ca_Desig_Chr_scaffold00126_236194	Ca_desig_scaffold	236194	[A/G]	NA
Ca_Desig_Chr_scaffold00126_279405	Ca_desig_scaffold	279405	[T/G]	NA
Ca_Desig_Chr_scaffold00126_281337	Ca_desig_scaffold	281337	[T/A]	NA
Ca_Desig_Chr_scaffold00126_281774	Ca_desig_scaffold	281774	[T/C]	NA
Ca_Desig_Chr_scaffold00126_281782	Ca_desig_scaffold	281782	[T/C]	NA
Ca_Desig_Chr_scaffold00126_281791	Ca_desig_scaffold	281791	[C/G]	NA
Ca_Desig_Chr_scaffold00126_281792	Ca_desig_scaffold	281792	[T/A]	NA
Ca_Desig_Chr_scaffold00126_282254	Ca_desig_scaffold	282254	[A/G]	NA
Ca_Desig_Chr_scaffold00126_282271	Ca_desig_scaffold	282271	[A/G]	NA
Ca_Desig_Chr_scaffold00126_284062	Ca_desig_scaffold	284062	[G/T]	NA
Ca_Desig_Chr_scaffold00126_284063	Ca_desig_scaffold	284063	[T/G]	NA
Ca_Desig_Chr_scaffold00126_284071	Ca_desig_scaffold	284071	[A/C]	NA
Ca_Desig_Chr_scaffold00126_284095	Ca_desig_scaffold	284095	[C/A]	NA
Ca_Desig_Chr_scaffold00126_284115	Ca_desig_scaffold	284115	[T/C]	NA
Ca_Desig_Chr_scaffold00126_284116	Ca_desig_scaffold	284116	[G/T]	NA
Ca_Desig_Chr_scaffold00126_284578	Ca_desig_scaffold	284578	[C/T]	NA
Ca_Desig_Chr_scaffold00126_284585	Ca_desig_scaffold	284585	[A/G]	NA
Ca_Desig_Chr_scaffold00126_284590	Ca_desig_scaffold	284590	[C/G]	NA
Ca_Desig_Chr_scaffold00143_112410	Ca_desig_scaffold	112410	[T/C]	NA
Ca_Desig_Chr_scaffold00143_115786	Ca_desig_scaffold	115786	[C/G]	NA
Ca_Desig_Chr_scaffold00143_115787	Ca_desig_scaffold	115787	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00143_130642	Ca_desig_scaffold	130642	[A/G]	NA
Ca_Desig_Chr_scaffold00143_166906	Ca_desig_scaffold	166906	[A/G]	NA
Ca_Desig_Chr_scaffold00143_166924	Ca_desig_scaffold	166924	[T/C]	NA
Ca_Desig_Chr_scaffold00143_166949	Ca_desig_scaffold	166949	[T/C]	NA
Ca_Desig_Chr_scaffold00143_166957	Ca_desig_scaffold	166957	[A/G]	NA
Ca_Desig_Chr_scaffold00143_167125	Ca_desig_scaffold	167125	[A/G]	NA
Ca_Desig_Chr_scaffold00156_50002	Ca_desig_scaffold	50002	[T/C]	NA
Ca_Desig_Chr_scaffold00156_50007	Ca_desig_scaffold	50007	[A/C]	NA
Ca_Desig_Chr_scaffold00156_164679	Ca_desig_scaffold	164679	[A/T]	NA
Ca_Desig_Chr_scaffold00156_164691	Ca_desig_scaffold	164691	[A/T]	NA
Ca_Desig_Chr_scaffold00156_164730	Ca_desig_scaffold	164730	[A/C]	NA
Ca_Desig_Chr_scaffold00156_164792	Ca_desig_scaffold	164792	[T/A]	NA
Ca_Desig_Chr_scaffold00156_164800	Ca_desig_scaffold	164800	[T/C]	NA
Ca_Desig_Chr_scaffold00156_164803	Ca_desig_scaffold	164803	[T/C]	NA
Ca_Desig_Chr_scaffold00156_164806	Ca_desig_scaffold	164806	[A/C]	NA
Ca_Desig_Chr_scaffold00156_164814	Ca_desig_scaffold	164814	[A/G]	NA
Ca_Desig_Chr_scaffold00156_164824	Ca_desig_scaffold	164824	[T/C]	NA
Ca_Desig_Chr_scaffold00156_164830	Ca_desig_scaffold	164830	[T/A]	NA
Ca_Desig_Chr_scaffold00156_182274	Ca_desig_scaffold	182274	[T/G]	NA
Ca_Desig_Chr_scaffold00156_189898	Ca_desig_scaffold	189898	[A/C]	NA
Ca_Desig_Chr_scaffold00156_190943	Ca_desig_scaffold	190943	[T/C]	NA
Ca_Desig_Chr_scaffold00156_274915	Ca_desig_scaffold	274915	[A/C]	NA
Ca_Desig_Chr_scaffold00156_274923	Ca_desig_scaffold	274923	[A/G]	NA
Ca_Desig_Chr_scaffold00156_274932	Ca_desig_scaffold	274932	[T/G]	NA
Ca_Desig_Chr_scaffold00156_274939	Ca_desig_scaffold	274939	[T/G]	NA
Ca_Desig_Chr_scaffold00156_274948	Ca_desig_scaffold	274948	[A/G]	NA
Ca_Desig_Chr_scaffold00156_276187	Ca_desig_scaffold	276187	[A/C]	NA
Ca_Desig_Chr_scaffold00156_278635	Ca_desig_scaffold	278635	[T/C]	NA
Ca_Desig_Chr_scaffold00156_278640	Ca_desig_scaffold	278640	[A/C]	NA
Ca_Desig_Chr_scaffold00156_278643	Ca_desig_scaffold	278643	[A/C]	NA
Ca_Desig_Chr_scaffold00157_55164	Ca_desig_scaffold	55164	[A/T]	NA
Ca_Desig_Chr_scaffold00157_55170	Ca_desig_scaffold	55170	[T/C]	NA
Ca_Desig_Chr_scaffold00157_55180	Ca_desig_scaffold	55180	[A/G]	NA
Ca_Desig_Chr_scaffold00157_55192	Ca_desig_scaffold	55192	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00157_55197	Ca_desi_scaffold	55197	[T/C]	NA
Ca_Desi_Ch_scaffold00157_55200	Ca_desi_scaffold	55200	[T/G]	NA
Ca_Desi_Ch_scaffold00157_55210	Ca_desi_scaffold	55210	[T/C]	NA
Ca_Desi_Ch_scaffold00157_108979	Ca_desi_scaffold	108979	[A/T]	NA
Ca_Desi_Ch_scaffold00157_110833	Ca_desi_scaffold	110833	[T/C]	NA
Ca_Desi_Ch_scaffold00157_110854	Ca_desi_scaffold	110854	[A/C]	NA
Ca_Desi_Ch_scaffold00157_110859	Ca_desi_scaffold	110859	[A/C]	NA
Ca_Desi_Ch_scaffold00157_110864	Ca_desi_scaffold	110864	[A/G]	NA
Ca_Desi_Ch_scaffold00157_113294	Ca_desi_scaffold	113294	[T/C]	NA
Ca_Desi_Ch_scaffold00157_153638	Ca_desi_scaffold	153638	[T/A]	NA
Ca_Desi_Ch_scaffold00157_153658	Ca_desi_scaffold	153658	[A/G]	NA
Ca_Desi_Ch_scaffold00157_153659	Ca_desi_scaffold	153659	[T/C]	NA
Ca_Desi_Ch_scaffold00157_153680	Ca_desi_scaffold	153680	[A/G]	NA
Ca_Desi_Ch_scaffold00157_165494	Ca_desi_scaffold	165494	[T/G]	NA
Ca_Desi_Ch_scaffold00157_165514	Ca_desi_scaffold	165514	[A/G]	NA
Ca_Desi_Ch_scaffold00157_165528	Ca_desi_scaffold	165528	[A/G]	NA
Ca_Desi_Ch_scaffold00157_176937	Ca_desi_scaffold	176937	[T/G]	NA
Ca_Desi_Ch_scaffold00157_212763	Ca_desi_scaffold	212763	[A/C]	NA
Ca_Desi_Ch_scaffold00157_276478	Ca_desi_scaffold	276478	[A/C]	NA
Ca_Desi_Ch_scaffold00157_276500	Ca_desi_scaffold	276500	[A/C]	NA
Ca_Desi_Ch_scaffold00158_36619	Ca_desi_scaffold	36619	[T/C]	NA
Ca_Desi_Ch_scaffold00158_42805	Ca_desi_scaffold	42805	[C/T]	NA
Ca_Desi_Ch_scaffold00158_42887	Ca_desi_scaffold	42887	[A/C]	NA
Ca_Desi_Ch_scaffold00158_89935	Ca_desi_scaffold	89935	[T/G]	NA
Ca_Desi_Ch_scaffold00158_221483	Ca_desi_scaffold	221483	[T/C]	NA
Ca_Desi_Ch_scaffold00158_221529	Ca_desi_scaffold	221529	[T/G]	NA
Ca_Desi_Ch_scaffold00158_221612	Ca_desi_scaffold	221612	[T/G]	NA
Ca_Desi_Ch_scaffold00158_221642	Ca_desi_scaffold	221642	[T/G]	NA
Ca_Desi_Ch_scaffold00158_221645	Ca_desi_scaffold	221645	[T/G]	NA
Ca_Desi_Ch_scaffold00158_231864	Ca_desi_scaffold	231864	[T/G]	NA
Ca_Desi_Ch_scaffold00158_235411	Ca_desi_scaffold	235411	[T/C]	NA
Ca_Desi_Ch_scaffold00158_253843	Ca_desi_scaffold	253843	[T/G]	NA
Ca_Desi_Ch_scaffold00158_253854	Ca_desi_scaffold	253854	[T/G]	NA
Ca_Desi_Ch_scaffold00158_254971	Ca_desi_scaffold	254971	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00158_254982	Ca_desig_scaffold	254982	[T/G]	NA
Ca_Desig_Chr_scaffold00158_254999	Ca_desig_scaffold	254999	[T/C]	NA
Ca_Desig_Chr_scaffold00158_255002	Ca_desig_scaffold	255002	[T/C]	NA
Ca_Desig_Chr_scaffold00158_255005	Ca_desig_scaffold	255005	[T/C]	NA
Ca_Desig_Chr_scaffold00158_255013	Ca_desig_scaffold	255013	[T/G]	NA
Ca_Desig_Chr_scaffold00158_255015	Ca_desig_scaffold	255015	[A/G]	NA
Ca_Desig_Chr_scaffold00158_255030	Ca_desig_scaffold	255030	[T/C]	NA
Ca_Desig_Chr_scaffold00158_260022	Ca_desig_scaffold	260022	[A/G]	NA
Ca_Desig_Chr_scaffold00158_260029	Ca_desig_scaffold	260029	[A/G]	NA
Ca_Desig_Chr_scaffold00158_265184	Ca_desig_scaffold	265184	[T/C]	NA
Ca_Desig_Chr_scaffold00158_265201	Ca_desig_scaffold	265201	[A/C]	NA
Ca_Desig_Chr_scaffold00158_265207	Ca_desig_scaffold	265207	[A/G]	NA
Ca_Desig_Chr_scaffold00159_34201	Ca_desig_scaffold	34201	[T/A]	NA
Ca_Desig_Chr_scaffold00159_34434	Ca_desig_scaffold	34434	[G/A]	NA
Ca_Desig_Chr_scaffold00159_81877	Ca_desig_scaffold	81877	[T/C]	NA
Ca_Desig_Chr_scaffold00159_81889	Ca_desig_scaffold	81889	[A/C]	NA
Ca_Desig_Chr_scaffold00159_81891	Ca_desig_scaffold	81891	[C/A]	NA
Ca_Desig_Chr_scaffold00159_94650	Ca_desig_scaffold	94650	[A/C]	NA
Ca_Desig_Chr_scaffold00159_100383	Ca_desig_scaffold	100383	[A/T]	NA
Ca_Desig_Chr_scaffold00159_137619	Ca_desig_scaffold	137619	[T/C]	NA
Ca_Desig_Chr_scaffold00159_137625	Ca_desig_scaffold	137625	[C/T]	NA
Ca_Desig_Chr_scaffold00159_137633	Ca_desig_scaffold	137633	[A/T]	NA
Ca_Desig_Chr_scaffold00159_137670	Ca_desig_scaffold	137670	[A/C]	NA
Ca_Desig_Chr_scaffold00159_143175	Ca_desig_scaffold	143175	[A/G]	NA
Ca_Desig_Chr_scaffold00159_143183	Ca_desig_scaffold	143183	[A/G]	NA
Ca_Desig_Chr_scaffold00159_220494	Ca_desig_scaffold	220494	[A/G]	NA
Ca_Desig_Chr_scaffold00159_228796	Ca_desig_scaffold	228796	[C/T]	NA
Ca_Desig_Chr_scaffold00159_263751	Ca_desig_scaffold	263751	[T/A]	NA
Ca_Desig_Chr_scaffold00159_263922	Ca_desig_scaffold	263922	[A/T]	NA
Ca_Desig_Chr_scaffold00159_263952	Ca_desig_scaffold	263952	[A/G]	NA
Ca_Desig_Chr_scaffold00159_264003	Ca_desig_scaffold	264003	[G/A]	NA
Ca_Desig_Chr_scaffold00159_271503	Ca_desig_scaffold	271503	[C/G]	NA
Ca_Desig_Chr_scaffold00160_17739	Ca_desig_scaffold	17739	[T/G]	NA
Ca_Desig_Chr_scaffold00160_17741	Ca_desig_scaffold	17741	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00160_44051	Ca_desig_scaffold	44051	[A/C]	NA
Ca_Desig_Chr_scaffold00160_66292	Ca_desig_scaffold	66292	[T/C]	NA
Ca_Desig_Chr_scaffold00160_66465	Ca_desig_scaffold	66465	[T/G]	NA
Ca_Desig_Chr_scaffold00160_84052	Ca_desig_scaffold	84052	[G/T]	NA
Ca_Desig_Chr_scaffold00160_169196	Ca_desig_scaffold	169196	[A/G]	NA
Ca_Desig_Chr_scaffold00160_204090	Ca_desig_scaffold	204090	[T/G]	NA
Ca_Desig_Chr_scaffold00160_207500	Ca_desig_scaffold	207500	[T/G]	NA
Ca_Desig_Chr_scaffold00160_219376	Ca_desig_scaffold	219376	[A/T]	NA
Ca_Desig_Chr_scaffold00160_257521	Ca_desig_scaffold	257521	[A/C]	NA
Ca_Desig_Chr_scaffold00160_258393	Ca_desig_scaffold	258393	[G/C]	NA
Ca_Desig_Chr_scaffold00160_258398	Ca_desig_scaffold	258398	[A/G]	NA
Ca_Desig_Chr_scaffold00160_258407	Ca_desig_scaffold	258407	[T/G]	NA
Ca_Desig_Chr_scaffold00160_258409	Ca_desig_scaffold	258409	[T/C]	NA
Ca_Desig_Chr_scaffold00166_6854	Ca_desig_scaffold	6854	[A/G]	NA
Ca_Desig_Chr_scaffold00166_7852	Ca_desig_scaffold	7852	[A/C]	NA
Ca_Desig_Chr_scaffold00166_72126	Ca_desig_scaffold	72126	[T/A]	NA
Ca_Desig_Chr_scaffold00166_72136	Ca_desig_scaffold	72136	[T/G]	NA
Ca_Desig_Chr_scaffold00166_149862	Ca_desig_scaffold	149862	[A/C]	NA
Ca_Desig_Chr_scaffold00166_172651	Ca_desig_scaffold	172651	[T/A]	NA
Ca_Desig_Chr_scaffold00166_172652	Ca_desig_scaffold	172652	[C/A]	NA
Ca_Desig_Chr_scaffold00166_172653	Ca_desig_scaffold	172653	[T/G]	NA
Ca_Desig_Chr_scaffold00166_188198	Ca_desig_scaffold	188198	[T/C]	NA
Ca_Desig_Chr_scaffold00166_188200	Ca_desig_scaffold	188200	[A/G]	NA
Ca_Desig_Chr_scaffold00166_234019	Ca_desig_scaffold	234019	[A/G]	NA
Ca_Desig_Chr_scaffold00166_234029	Ca_desig_scaffold	234029	[T/G]	NA
Ca_Desig_Chr_scaffold00166_245014	Ca_desig_scaffold	245014	[T/G]	NA
Ca_Desig_Chr_scaffold00166_245018	Ca_desig_scaffold	245018	[T/C]	NA
Ca_Desig_Chr_scaffold00173_170755	Ca_desig_scaffold	170755	[T/G]	NA
Ca_Desig_Chr_scaffold00173_170756	Ca_desig_scaffold	170756	[A/T]	NA
Ca_Desig_Chr_scaffold00173_215311	Ca_desig_scaffold	215311	[A/G]	NA
Ca_Desig_Chr_scaffold00173_215325	Ca_desig_scaffold	215325	[A/C]	NA
Ca_Desig_Chr_scaffold00173_215331	Ca_desig_scaffold	215331	[T/C]	NA
Ca_Desig_Chr_scaffold00173_215338	Ca_desig_scaffold	215338	[A/C]	NA
Ca_Desig_Chr_scaffold00173_215342	Ca_desig_scaffold	215342	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00173_215346	Ca_desig_scaffold	215346	[T/A]	NA
Ca_Desig_Chr_scaffold00173_215348	Ca_desig_scaffold	215348	[A/G]	NA
Ca_Desig_Chr_scaffold00173_215358	Ca_desig_scaffold	215358	[T/C]	NA
Ca_Desig_Chr_scaffold00173_215364	Ca_desig_scaffold	215364	[T/C]	NA
Ca_Desig_Chr_scaffold00173_219458	Ca_desig_scaffold	219458	[A/G]	NA
Ca_Desig_Chr_scaffold00173_219467	Ca_desig_scaffold	219467	[A/C]	NA
Ca_Desig_Chr_scaffold00173_219472	Ca_desig_scaffold	219472	[T/C]	NA
Ca_Desig_Chr_scaffold00173_228438	Ca_desig_scaffold	228438	[C/A]	NA
Ca_Desig_Chr_scaffold00186_33276	Ca_desig_scaffold	33276	[A/C]	NA
Ca_Desig_Chr_scaffold00186_125627	Ca_desig_scaffold	125627	[T/C]	NA
Ca_Desig_Chr_scaffold00186_125673	Ca_desig_scaffold	125673	[A/C]	NA
Ca_Desig_Chr_scaffold00186_128700	Ca_desig_scaffold	128700	[A/G]	NA
Ca_Desig_Chr_scaffold00186_128702	Ca_desig_scaffold	128702	[A/G]	NA
Ca_Desig_Chr_scaffold00186_128708	Ca_desig_scaffold	128708	[T/A]	NA
Ca_Desig_Chr_scaffold00186_128721	Ca_desig_scaffold	128721	[T/C]	NA
Ca_Desig_Chr_scaffold00186_128729	Ca_desig_scaffold	128729	[T/G]	NA
Ca_Desig_Chr_scaffold00186_139725	Ca_desig_scaffold	139725	[A/C]	NA
Ca_Desig_Chr_scaffold00186_139741	Ca_desig_scaffold	139741	[A/G]	NA
Ca_Desig_Chr_scaffold00186_139746	Ca_desig_scaffold	139746	[A/G]	NA
Ca_Desig_Chr_scaffold00186_166884	Ca_desig_scaffold	166884	[T/G]	NA
Ca_Desig_Chr_scaffold00186_167699	Ca_desig_scaffold	167699	[T/G]	NA
Ca_Desig_Chr_scaffold00186_168261	Ca_desig_scaffold	168261	[A/T]	NA
Ca_Desig_Chr_scaffold00186_168265	Ca_desig_scaffold	168265	[T/C]	NA
Ca_Desig_Chr_scaffold00186_168270	Ca_desig_scaffold	168270	[A/G]	NA
Ca_Desig_Chr_scaffold00186_168271	Ca_desig_scaffold	168271	[T/C]	NA
Ca_Desig_Chr_scaffold00186_168272	Ca_desig_scaffold	168272	[T/C]	NA
Ca_Desig_Chr_scaffold00186_168274	Ca_desig_scaffold	168274	[T/C]	NA
Ca_Desig_Chr_scaffold00186_168275	Ca_desig_scaffold	168275	[T/C]	NA
Ca_Desig_Chr_scaffold00186_168279	Ca_desig_scaffold	168279	[T/C]	NA
Ca_Desig_Chr_scaffold00186_168281	Ca_desig_scaffold	168281	[A/G]	NA
Ca_Desig_Chr_scaffold00186_168288	Ca_desig_scaffold	168288	[A/G]	NA
Ca_Desig_Chr_scaffold00186_168294	Ca_desig_scaffold	168294	[T/C]	NA
Ca_Desig_Chr_scaffold00186_168295	Ca_desig_scaffold	168295	[T/C]	NA
Ca_Desig_Chr_scaffold00186_168303	Ca_desig_scaffold	168303	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00186_168306	Ca_desig_scaffold	168306	[T/C]	NA
Ca_Desig_Chr_scaffold00186_168310	Ca_desig_scaffold	168310	[T/A]	NA
Ca_Desig_Chr_scaffold00186_170164	Ca_desig_scaffold	170164	[T/C]	NA
Ca_Desig_Chr_scaffold00186_170178	Ca_desig_scaffold	170178	[C/T]	NA
Ca_Desig_Chr_scaffold00186_170202	Ca_desig_scaffold	170202	[T/C]	NA
Ca_Desig_Chr_scaffold00186_170636	Ca_desig_scaffold	170636	[G/A]	NA
Ca_Desig_Chr_scaffold00186_170856	Ca_desig_scaffold	170856	[A/G]	NA
Ca_Desig_Chr_scaffold00186_171176	Ca_desig_scaffold	171176	[G/A]	NA
Ca_Desig_Chr_scaffold00186_258022	Ca_desig_scaffold	258022	[C/T]	NA
Ca_Desig_Chr_scaffold00186_258025	Ca_desig_scaffold	258025	[A/G]	NA
Ca_Desig_Chr_scaffold00186_258027	Ca_desig_scaffold	258027	[C/T]	NA
Ca_Desig_Chr_scaffold00189_21240	Ca_desig_scaffold	21240	[T/C]	NA
Ca_Desig_Chr_scaffold00189_194921	Ca_desig_scaffold	194921	[A/G]	NA
Ca_Desig_Chr_scaffold00189_194964	Ca_desig_scaffold	194964	[T/G]	NA
Ca_Desig_Chr_scaffold00189_219129	Ca_desig_scaffold	219129	[A/G]	NA
Ca_Desig_Chr_scaffold00192_3700	Ca_desig_scaffold	3700	[A/T]	NA
Ca_Desig_Chr_scaffold00192_68490	Ca_desig_scaffold	68490	[T/G]	NA
Ca_Desig_Chr_scaffold00192_68498	Ca_desig_scaffold	68498	[C/T]	NA
Ca_Desig_Chr_scaffold00192_115483	Ca_desig_scaffold	115483	[A/C]	NA
Ca_Desig_Chr_scaffold00192_115485	Ca_desig_scaffold	115485	[G/C]	NA
Ca_Desig_Chr_scaffold00192_115493	Ca_desig_scaffold	115493	[A/C]	NA
Ca_Desig_Chr_scaffold00192_115497	Ca_desig_scaffold	115497	[T/C]	NA
Ca_Desig_Chr_scaffold00192_115499	Ca_desig_scaffold	115499	[A/C]	NA
Ca_Desig_Chr_scaffold00192_115510	Ca_desig_scaffold	115510	[G/C]	NA
Ca_Desig_Chr_scaffold00192_122521	Ca_desig_scaffold	122521	[T/G]	NA
Ca_Desig_Chr_scaffold00192_130771	Ca_desig_scaffold	130771	[A/C]	NA
Ca_Desig_Chr_scaffold00192_175517	Ca_desig_scaffold	175517	[A/C]	NA
Ca_Desig_Chr_scaffold00192_192996	Ca_desig_scaffold	192996	[T/C]	NA
Ca_Desig_Chr_scaffold00192_193062	Ca_desig_scaffold	193062	[T/C]	NA
Ca_Desig_Chr_scaffold00192_194366	Ca_desig_scaffold	194366	[G/C]	NA
Ca_Desig_Chr_scaffold00192_194368	Ca_desig_scaffold	194368	[A/C]	NA
Ca_Desig_Chr_scaffold00195_31853	Ca_desig_scaffold	31853	[T/C]	NA
Ca_Desig_Chr_scaffold00195_31875	Ca_desig_scaffold	31875	[T/C]	NA
Ca_Desig_Chr_scaffold00195_31953	Ca_desig_scaffold	31953	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00195_32133	Ca_desi_scaffold	32133	[T/G]	NA
Ca_Desi_Ch_scaffold00195_32137	Ca_desi_scaffold	32137	[A/G]	NA
Ca_Desi_Ch_scaffold00195_32151	Ca_desi_scaffold	32151	[T/G]	NA
Ca_Desi_Ch_scaffold00195_102423	Ca_desi_scaffold	102423	[A/T]	NA
Ca_Desi_Ch_scaffold00195_149798	Ca_desi_scaffold	149798	[A/T]	NA
Ca_Desi_Ch_scaffold00195_149799	Ca_desi_scaffold	149799	[A/C]	NA
Ca_Desi_Ch_scaffold00195_149800	Ca_desi_scaffold	149800	[G/T]	NA
Ca_Desi_Ch_scaffold00195_157498	Ca_desi_scaffold	157498	[T/G]	NA
Ca_Desi_Ch_scaffold00195_175239	Ca_desi_scaffold	175239	[A/G]	NA
Ca_Desi_Ch_scaffold00197_117350	Ca_desi_scaffold	117350	[A/T]	NA
Ca_Desi_Ch_scaffold00197_117360	Ca_desi_scaffold	117360	[A/C]	NA
Ca_Desi_Ch_scaffold00197_117391	Ca_desi_scaffold	117391	[A/T]	NA
Ca_Desi_Ch_scaffold00197_120616	Ca_desi_scaffold	120616	[A/C]	NA
Ca_Desi_Ch_scaffold00197_120654	Ca_desi_scaffold	120654	[T/C]	NA
Ca_Desi_Ch_scaffold00197_178542	Ca_desi_scaffold	178542	[T/C]	NA
Ca_Desi_Ch_scaffold00197_178549	Ca_desi_scaffold	178549	[A/G]	NA
Ca_Desi_Ch_scaffold00197_178555	Ca_desi_scaffold	178555	[A/G]	NA
Ca_Desi_Ch_scaffold00197_178562	Ca_desi_scaffold	178562	[T/C]	NA
Ca_Desi_Ch_scaffold00197_187759	Ca_desi_scaffold	187759	[A/T]	NA
Ca_Desi_Ch_scaffold00198_15828	Ca_desi_scaffold	15828	[T/C]	NA
Ca_Desi_Ch_scaffold00198_15857	Ca_desi_scaffold	15857	[A/G]	NA
Ca_Desi_Ch_scaffold00198_32197	Ca_desi_scaffold	32197	[T/C]	NA
Ca_Desi_Ch_scaffold00198_54604	Ca_desi_scaffold	54604	[A/G]	NA
Ca_Desi_Ch_scaffold00198_56882	Ca_desi_scaffold	56882	[T/C]	NA
Ca_Desi_Ch_scaffold00198_56883	Ca_desi_scaffold	56883	[G/T]	NA
Ca_Desi_Ch_scaffold00198_81694	Ca_desi_scaffold	81694	[T/A]	NA
Ca_Desi_Ch_scaffold00198_81739	Ca_desi_scaffold	81739	[A/G]	NA
Ca_Desi_Ch_scaffold00198_84329	Ca_desi_scaffold	84329	[G/T]	NA
Ca_Desi_Ch_scaffold00198_110400	Ca_desi_scaffold	110400	[T/G]	NA
Ca_Desi_Ch_scaffold00198_127040	Ca_desi_scaffold	127040	[A/C]	NA
Ca_Desi_Ch_scaffold00198_132838	Ca_desi_scaffold	132838	[T/A]	NA
Ca_Desi_Ch_scaffold00198_132839	Ca_desi_scaffold	132839	[A/T]	NA
Ca_Desi_Ch_scaffold00198_169567	Ca_desi_scaffold	169567	[T/G]	NA
Ca_Desi_Ch_scaffold00198_180689	Ca_desi_scaffold	180689	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00198_198668	Ca_desig_scaffold	198668	[T/C]	NA
Ca_Desig_Chr_scaffold00198_198734	Ca_desig_scaffold	198734	[T/G]	NA
Ca_Desig_Chr_scaffold00198_221263	Ca_desig_scaffold	221263	[T/G]	NA
Ca_Desig_Chr_scaffold00198_221315	Ca_desig_scaffold	221315	[A/G]	NA
Ca_Desig_Chr_scaffold00198_221637	Ca_desig_scaffold	221637	[G/T]	NA
Ca_Desig_Chr_scaffold00198_221642	Ca_desig_scaffold	221642	[G/A]	NA
Ca_Desig_Chr_scaffold00198_221647	Ca_desig_scaffold	221647	[C/A]	NA
Ca_Desig_Chr_scaffold00198_221651	Ca_desig_scaffold	221651	[T/C]	NA
Ca_Desig_Chr_scaffold00198_221654	Ca_desig_scaffold	221654	[T/G]	NA
Ca_Desig_Chr_scaffold00198_221656	Ca_desig_scaffold	221656	[T/G]	NA
Ca_Desig_Chr_scaffold00198_221658	Ca_desig_scaffold	221658	[C/T]	NA
Ca_Desig_Chr_scaffold00198_248246	Ca_desig_scaffold	248246	[A/C]	NA
Ca_Desig_Chr_scaffold00198_248265	Ca_desig_scaffold	248265	[A/G]	NA
Ca_Desig_Chr_scaffold00201_14683	Ca_desig_scaffold	14683	[A/C]	NA
Ca_Desig_Chr_scaffold00201_14718	Ca_desig_scaffold	14718	[A/G]	NA
Ca_Desig_Chr_scaffold00201_14825	Ca_desig_scaffold	14825	[A/C]	NA
Ca_Desig_Chr_scaffold00201_15350	Ca_desig_scaffold	15350	[T/G]	NA
Ca_Desig_Chr_scaffold00201_15359	Ca_desig_scaffold	15359	[T/C]	NA
Ca_Desig_Chr_scaffold00201_15369	Ca_desig_scaffold	15369	[T/G]	NA
Ca_Desig_Chr_scaffold00201_15375	Ca_desig_scaffold	15375	[G/T]	NA
Ca_Desig_Chr_scaffold00201_15387	Ca_desig_scaffold	15387	[A/G]	NA
Ca_Desig_Chr_scaffold00201_15391	Ca_desig_scaffold	15391	[A/G]	NA
Ca_Desig_Chr_scaffold00201_15395	Ca_desig_scaffold	15395	[A/G]	NA
Ca_Desig_Chr_scaffold00201_38804	Ca_desig_scaffold	38804	[T/G]	NA
Ca_Desig_Chr_scaffold00201_49212	Ca_desig_scaffold	49212	[A/G]	NA
Ca_Desig_Chr_scaffold00201_49231	Ca_desig_scaffold	49231	[A/G]	NA
Ca_Desig_Chr_scaffold00201_49233	Ca_desig_scaffold	49233	[A/C]	NA
Ca_Desig_Chr_scaffold00201_49237	Ca_desig_scaffold	49237	[T/C]	NA
Ca_Desig_Chr_scaffold00201_49242	Ca_desig_scaffold	49242	[A/G]	NA
Ca_Desig_Chr_scaffold00201_49244	Ca_desig_scaffold	49244	[T/G]	NA
Ca_Desig_Chr_scaffold00201_49252	Ca_desig_scaffold	49252	[A/G]	NA
Ca_Desig_Chr_scaffold00201_49262	Ca_desig_scaffold	49262	[T/C]	NA
Ca_Desig_Chr_scaffold00201_49267	Ca_desig_scaffold	49267	[A/G]	NA
Ca_Desig_Chr_scaffold00201_51730	Ca_desig_scaffold	51730	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00201_70920	Ca_desig_scaffold	70920	[G/C]	NA
Ca_Desig_Chr_scaffold00201_70921	Ca_desig_scaffold	70921	[G/T]	NA
Ca_Desig_Chr_scaffold00201_91141	Ca_desig_scaffold	91141	[T/C]	NA
Ca_Desig_Chr_scaffold00201_91145	Ca_desig_scaffold	91145	[A/G]	NA
Ca_Desig_Chr_scaffold00201_91148	Ca_desig_scaffold	91148	[A/G]	NA
Ca_Desig_Chr_scaffold00201_91154	Ca_desig_scaffold	91154	[T/C]	NA
Ca_Desig_Chr_scaffold00201_91160	Ca_desig_scaffold	91160	[T/C]	NA
Ca_Desig_Chr_scaffold00201_91161	Ca_desig_scaffold	91161	[T/C]	NA
Ca_Desig_Chr_scaffold00201_91163	Ca_desig_scaffold	91163	[A/G]	NA
Ca_Desig_Chr_scaffold00201_91165	Ca_desig_scaffold	91165	[A/G]	NA
Ca_Desig_Chr_scaffold00201_91167	Ca_desig_scaffold	91167	[A/C]	NA
Ca_Desig_Chr_scaffold00201_91169	Ca_desig_scaffold	91169	[T/C]	NA
Ca_Desig_Chr_scaffold00201_91170	Ca_desig_scaffold	91170	[C/T]	NA
Ca_Desig_Chr_scaffold00201_91171	Ca_desig_scaffold	91171	[T/C]	NA
Ca_Desig_Chr_scaffold00201_91172	Ca_desig_scaffold	91172	[C/T]	NA
Ca_Desig_Chr_scaffold00201_91175	Ca_desig_scaffold	91175	[T/C]	NA
Ca_Desig_Chr_scaffold00201_91176	Ca_desig_scaffold	91176	[C/T]	NA
Ca_Desig_Chr_scaffold00201_91177	Ca_desig_scaffold	91177	[T/C]	NA
Ca_Desig_Chr_scaffold00201_91181	Ca_desig_scaffold	91181	[A/G]	NA
Ca_Desig_Chr_scaffold00201_91186	Ca_desig_scaffold	91186	[T/C]	NA
Ca_Desig_Chr_scaffold00201_91190	Ca_desig_scaffold	91190	[A/G]	NA
Ca_Desig_Chr_scaffold00201_91191	Ca_desig_scaffold	91191	[A/G]	NA
Ca_Desig_Chr_scaffold00201_91193	Ca_desig_scaffold	91193	[T/C]	NA
Ca_Desig_Chr_scaffold00201_91198	Ca_desig_scaffold	91198	[T/C]	NA
Ca_Desig_Chr_scaffold00201_91199	Ca_desig_scaffold	91199	[C/G]	NA
Ca_Desig_Chr_scaffold00201_91200	Ca_desig_scaffold	91200	[A/C]	NA
Ca_Desig_Chr_scaffold00201_91203	Ca_desig_scaffold	91203	[C/A]	NA
Ca_Desig_Chr_scaffold00201_155483	Ca_desig_scaffold	155483	[A/C]	NA
Ca_Desig_Chr_scaffold00201_243261	Ca_desig_scaffold	243261	[T/G]	NA
Ca_Desig_Chr_scaffold00201_243263	Ca_desig_scaffold	243263	[T/C]	NA
Ca_Desig_Chr_scaffold00203_40378	Ca_desig_scaffold	40378	[T/G]	NA
Ca_Desig_Chr_scaffold00203_40396	Ca_desig_scaffold	40396	[A/G]	NA
Ca_Desig_Chr_scaffold00203_213541	Ca_desig_scaffold	213541	[G/A]	NA
Ca_Desig_Chr_scaffold00203_214050	Ca_desig_scaffold	214050	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00203_217142	Ca_desi_scaffold	217142	[C/T]	NA
Ca_Desi_Ch_scaffold00203_217175	Ca_desi_scaffold	217175	[A/G]	NA
Ca_Desi_Ch_scaffold00203_219495	Ca_desi_scaffold	219495	[C/T]	NA
Ca_Desi_Ch_scaffold00203_219670	Ca_desi_scaffold	219670	[A/G]	NA
Ca_Desi_Ch_scaffold00203_219671	Ca_desi_scaffold	219671	[G/A]	NA
Ca_Desi_Ch_scaffold00203_219672	Ca_desi_scaffold	219672	[A/G]	NA
Ca_Desi_Ch_scaffold00203_219682	Ca_desi_scaffold	219682	[A/G]	NA
Ca_Desi_Ch_scaffold00203_220130	Ca_desi_scaffold	220130	[C/T]	NA
Ca_Desi_Ch_scaffold00203_244409	Ca_desi_scaffold	244409	[G/A]	NA
Ca_Desi_Ch_scaffold00203_244444	Ca_desi_scaffold	244444	[C/T]	NA
Ca_Desi_Ch_scaffold00205_86237	Ca_desi_scaffold	86237	[T/A]	NA
Ca_Desi_Ch_scaffold00205_95934	Ca_desi_scaffold	95934	[T/A]	NA
Ca_Desi_Ch_scaffold00205_95940	Ca_desi_scaffold	95940	[T/G]	NA
Ca_Desi_Ch_scaffold00205_95947	Ca_desi_scaffold	95947	[A/C]	NA
Ca_Desi_Ch_scaffold00205_95975	Ca_desi_scaffold	95975	[A/T]	NA
Ca_Desi_Ch_scaffold00205_95977	Ca_desi_scaffold	95977	[T/C]	NA
Ca_Desi_Ch_scaffold00205_96001	Ca_desi_scaffold	96001	[A/C]	NA
Ca_Desi_Ch_scaffold00205_96011	Ca_desi_scaffold	96011	[T/C]	NA
Ca_Desi_Ch_scaffold00205_96037	Ca_desi_scaffold	96037	[A/C]	NA
Ca_Desi_Ch_scaffold00205_129511	Ca_desi_scaffold	129511	[A/T]	NA
Ca_Desi_Ch_scaffold00205_185674	Ca_desi_scaffold	185674	[G/T]	NA
Ca_Desi_Ch_scaffold00205_228291	Ca_desi_scaffold	228291	[T/C]	NA
Ca_Desi_Ch_scaffold00205_230537	Ca_desi_scaffold	230537	[T/G]	NA
Ca_Desi_Ch_scaffold00205_232570	Ca_desi_scaffold	232570	[A/G]	NA
Ca_Desi_Ch_scaffold00205_245858	Ca_desi_scaffold	245858	[T/A]	NA
Ca_Desi_Ch_scaffold00205_245964	Ca_desi_scaffold	245964	[A/T]	NA
Ca_Desi_Ch_scaffold00205_246066	Ca_desi_scaffold	246066	[C/A]	NA
Ca_Desi_Ch_scaffold00205_246704	Ca_desi_scaffold	246704	[C/T]	NA
Ca_Desi_Ch_scaffold00205_246728	Ca_desi_scaffold	246728	[A/C]	NA
Ca_Desi_Ch_scaffold00206_187380	Ca_desi_scaffold	187380	[T/G]	NA
Ca_Desi_Ch_scaffold00206_241001	Ca_desi_scaffold	241001	[T/G]	NA
Ca_Desi_Ch_scaffold00207_3925	Ca_desi_scaffold	3925	[A/C]	NA
Ca_Desi_Ch_scaffold00207_6862	Ca_desi_scaffold	6862	[A/G]	NA
Ca_Desi_Ch_scaffold00207_19391	Ca_desi_scaffold	19391	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00207_19393	Ca_desig_scaffold	19393	[A/G]	NA
Ca_Desig_Chr_scaffold00207_19424	Ca_desig_scaffold	19424	[T/G]	NA
Ca_Desig_Chr_scaffold00207_83704	Ca_desig_scaffold	83704	[C/G]	NA
Ca_Desig_Chr_scaffold00207_83706	Ca_desig_scaffold	83706	[G/A]	NA
Ca_Desig_Chr_scaffold00207_83707	Ca_desig_scaffold	83707	[G/A]	NA
Ca_Desig_Chr_scaffold00207_83710	Ca_desig_scaffold	83710	[A/G]	NA
Ca_Desig_Chr_scaffold00207_230063	Ca_desig_scaffold	230063	[C/T]	NA
Ca_Desig_Chr_scaffold00207_230069	Ca_desig_scaffold	230069	[A/G]	NA
Ca_Desig_Chr_scaffold00207_230071	Ca_desig_scaffold	230071	[T/C]	NA
Ca_Desig_Chr_scaffold00207_230074	Ca_desig_scaffold	230074	[T/C]	NA
Ca_Desig_Chr_scaffold00207_230076	Ca_desig_scaffold	230076	[T/C]	NA
Ca_Desig_Chr_scaffold00207_230078	Ca_desig_scaffold	230078	[A/G]	NA
Ca_Desig_Chr_scaffold00207_230081	Ca_desig_scaffold	230081	[T/C]	NA
Ca_Desig_Chr_scaffold00207_230082	Ca_desig_scaffold	230082	[T/C]	NA
Ca_Desig_Chr_scaffold00207_230086	Ca_desig_scaffold	230086	[T/C]	NA
Ca_Desig_Chr_scaffold00207_230091	Ca_desig_scaffold	230091	[T/C]	NA
Ca_Desig_Chr_scaffold00207_230092	Ca_desig_scaffold	230092	[T/C]	NA
Ca_Desig_Chr_scaffold00207_230094	Ca_desig_scaffold	230094	[T/C]	NA
Ca_Desig_Chr_scaffold00207_230097	Ca_desig_scaffold	230097	[A/G]	NA
Ca_Desig_Chr_scaffold00207_230104	Ca_desig_scaffold	230104	[T/C]	NA
Ca_Desig_Chr_scaffold00207_230108	Ca_desig_scaffold	230108	[T/A]	NA
Ca_Desig_Chr_scaffold00208_111144	Ca_desig_scaffold	111144	[G/T]	NA
Ca_Desig_Chr_scaffold00208_111145	Ca_desig_scaffold	111145	[C/T]	NA
Ca_Desig_Chr_scaffold00208_111181	Ca_desig_scaffold	111181	[C/G]	NA
Ca_Desig_Chr_scaffold00210_22701	Ca_desig_scaffold	22701	[C/A]	NA
Ca_Desig_Chr_scaffold00210_50934	Ca_desig_scaffold	50934	[T/G]	NA
Ca_Desig_Chr_scaffold00210_50959	Ca_desig_scaffold	50959	[A/T]	NA
Ca_Desig_Chr_scaffold00210_51651	Ca_desig_scaffold	51651	[A/C]	NA
Ca_Desig_Chr_scaffold00210_55518	Ca_desig_scaffold	55518	[A/C]	NA
Ca_Desig_Chr_scaffold00210_121289	Ca_desig_scaffold	121289	[T/G]	NA
Ca_Desig_Chr_scaffold00210_121306	Ca_desig_scaffold	121306	[T/C]	NA
Ca_Desig_Chr_scaffold00210_121309	Ca_desig_scaffold	121309	[A/C]	NA
Ca_Desig_Chr_scaffold00210_121317	Ca_desig_scaffold	121317	[A/G]	NA
Ca_Desig_Chr_scaffold00210_205225	Ca_desig_scaffold	205225	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrc_scaffold00210_205243	Ca_desi_scaffold	205243	[A/C]	NA
Ca_Desi_Chrc_scaffold00210_205252	Ca_desi_scaffold	205252	[G/A]	NA
Ca_Desi_Chrc_scaffold00210_225120	Ca_desi_scaffold	225120	[T/A]	NA
Ca_Desi_Chrc_scaffold00210_225122	Ca_desi_scaffold	225122	[A/G]	NA
Ca_Desi_Chrc_scaffold00210_225133	Ca_desi_scaffold	225133	[T/A]	NA
Ca_Desi_Chrc_scaffold00210_225139	Ca_desi_scaffold	225139	[T/C]	NA
Ca_Desi_Chrc_scaffold00210_225152	Ca_desi_scaffold	225152	[A/G]	NA
Ca_Desi_Chrc_scaffold00210_225161	Ca_desi_scaffold	225161	[A/G]	NA
Ca_Desi_Chrc_scaffold00210_225170	Ca_desi_scaffold	225170	[A/G]	NA
Ca_Desi_Chrc_scaffold00210_225173	Ca_desi_scaffold	225173	[A/G]	NA
Ca_Desi_Chrc_scaffold00225_720	Ca_desi_scaffold	720	[T/C]	NA
Ca_Desi_Chrc_scaffold00225_722	Ca_desi_scaffold	722	[T/C]	NA
Ca_Desi_Chrc_scaffold00225_731	Ca_desi_scaffold	731	[T/C]	NA
Ca_Desi_Chrc_scaffold00225_734	Ca_desi_scaffold	734	[A/C]	NA
Ca_Desi_Chrc_scaffold00225_741	Ca_desi_scaffold	741	[A/C]	NA
Ca_Desi_Chrc_scaffold00225_746	Ca_desi_scaffold	746	[C/T]	NA
Ca_Desi_Chrc_scaffold00225_750	Ca_desi_scaffold	750	[T/C]	NA
Ca_Desi_Chrc_scaffold00225_752	Ca_desi_scaffold	752	[T/C]	NA
Ca_Desi_Chrc_scaffold00225_757	Ca_desi_scaffold	757	[T/C]	NA
Ca_Desi_Chrc_scaffold00225_761	Ca_desi_scaffold	761	[T/C]	NA
Ca_Desi_Chrc_scaffold00225_764	Ca_desi_scaffold	764	[A/G]	NA
Ca_Desi_Chrc_scaffold00225_771	Ca_desi_scaffold	771	[T/C]	NA
Ca_Desi_Chrc_scaffold00225_19810	Ca_desi_scaffold	19810	[A/G]	NA
Ca_Desi_Chrc_scaffold00225_19812	Ca_desi_scaffold	19812	[A/G]	NA
Ca_Desi_Chrc_scaffold00225_19813	Ca_desi_scaffold	19813	[A/C]	NA
Ca_Desi_Chrc_scaffold00225_19814	Ca_desi_scaffold	19814	[A/G]	NA
Ca_Desi_Chrc_scaffold00225_19815	Ca_desi_scaffold	19815	[A/G]	NA
Ca_Desi_Chrc_scaffold00225_19833	Ca_desi_scaffold	19833	[T/C]	NA
Ca_Desi_Chrc_scaffold00225_72386	Ca_desi_scaffold	72386	[T/A]	NA
Ca_Desi_Chrc_scaffold00225_130522	Ca_desi_scaffold	130522	[A/C]	NA
Ca_Desi_Chrc_scaffold00225_130525	Ca_desi_scaffold	130525	[A/C]	NA
Ca_Desi_Chrc_scaffold00225_141255	Ca_desi_scaffold	141255	[G/C]	NA
Ca_Desi_Chrc_scaffold00225_142982	Ca_desi_scaffold	142982	[C/T]	NA
Ca_Desi_Chrc_scaffold00225_143614	Ca_desi_scaffold	143614	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00225_144076	Ca_desi_scaffold	144076	[C/T]	NA
Ca_Desi_Ch_scaffold00225_144505	Ca_desi_scaffold	144505	[T/C]	NA
Ca_Desi_Ch_scaffold00225_148249	Ca_desi_scaffold	148249	[A/T]	NA
Ca_Desi_Ch_scaffold00225_148278	Ca_desi_scaffold	148278	[T/C]	NA
Ca_Desi_Ch_scaffold00225_149185	Ca_desi_scaffold	149185	[T/G]	NA
Ca_Desi_Ch_scaffold00225_151242	Ca_desi_scaffold	151242	[A/G]	NA
Ca_Desi_Ch_scaffold00225_171914	Ca_desi_scaffold	171914	[A/T]	NA
Ca_Desi_Ch_scaffold00225_172183	Ca_desi_scaffold	172183	[C/T]	NA
Ca_Desi_Ch_scaffold00225_173201	Ca_desi_scaffold	173201	[T/A]	NA
Ca_Desi_Ch_scaffold00225_175786	Ca_desi_scaffold	175786	[T/G]	NA
Ca_Desi_Ch_scaffold00225_175798	Ca_desi_scaffold	175798	[G/A]	NA
Ca_Desi_Ch_scaffold00225_192502	Ca_desi_scaffold	192502	[A/T]	NA
Ca_Desi_Ch_scaffold00225_192508	Ca_desi_scaffold	192508	[C/T]	NA
Ca_Desi_Ch_scaffold00225_192552	Ca_desi_scaffold	192552	[A/G]	NA
Ca_Desi_Ch_scaffold00225_212579	Ca_desi_scaffold	212579	[T/G]	NA
Ca_Desi_Ch_scaffold00225_222300	Ca_desi_scaffold	222300	[C/T]	NA
Ca_Desi_Ch_scaffold00225_222302	Ca_desi_scaffold	222302	[T/G]	NA
Ca_Desi_Ch_scaffold00226_34126	Ca_desi_scaffold	34126	[A/C]	NA
Ca_Desi_Ch_scaffold00226_46415	Ca_desi_scaffold	46415	[T/C]	NA
Ca_Desi_Ch_scaffold00226_46479	Ca_desi_scaffold	46479	[A/C]	NA
Ca_Desi_Ch_scaffold00226_48163	Ca_desi_scaffold	48163	[T/G]	NA
Ca_Desi_Ch_scaffold00226_48183	Ca_desi_scaffold	48183	[T/A]	NA
Ca_Desi_Ch_scaffold00226_48760	Ca_desi_scaffold	48760	[A/C]	NA
Ca_Desi_Ch_scaffold00226_49646	Ca_desi_scaffold	49646	[T/C]	NA
Ca_Desi_Ch_scaffold00226_49654	Ca_desi_scaffold	49654	[A/G]	NA
Ca_Desi_Ch_scaffold00226_49658	Ca_desi_scaffold	49658	[A/C]	NA
Ca_Desi_Ch_scaffold00226_49680	Ca_desi_scaffold	49680	[A/C]	NA
Ca_Desi_Ch_scaffold00226_49682	Ca_desi_scaffold	49682	[C/A]	NA
Ca_Desi_Ch_scaffold00226_49692	Ca_desi_scaffold	49692	[T/C]	NA
Ca_Desi_Ch_scaffold00226_92894	Ca_desi_scaffold	92894	[T/C]	NA
Ca_Desi_Ch_scaffold00226_104319	Ca_desi_scaffold	104319	[A/G]	NA
Ca_Desi_Ch_scaffold00226_104328	Ca_desi_scaffold	104328	[A/C]	NA
Ca_Desi_Ch_scaffold00226_115884	Ca_desi_scaffold	115884	[T/C]	NA
Ca_Desi_Ch_scaffold00226_115892	Ca_desi_scaffold	115892	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00226_115911	Ca_desi_scaffold	115911	[T/C]	NA
Ca_Desi_Ch_scaffold00226_115925	Ca_desi_scaffold	115925	[T/G]	NA
Ca_Desi_Ch_scaffold00226_120622	Ca_desi_scaffold	120622	[G/T]	NA
Ca_Desi_Ch_scaffold00226_120632	Ca_desi_scaffold	120632	[T/C]	NA
Ca_Desi_Ch_scaffold00226_120641	Ca_desi_scaffold	120641	[A/G]	NA
Ca_Desi_Ch_scaffold00226_120649	Ca_desi_scaffold	120649	[G/T]	NA
Ca_Desi_Ch_scaffold00226_120650	Ca_desi_scaffold	120650	[T/G]	NA
Ca_Desi_Ch_scaffold00226_120661	Ca_desi_scaffold	120661	[A/G]	NA
Ca_Desi_Ch_scaffold00226_120662	Ca_desi_scaffold	120662	[T/C]	NA
Ca_Desi_Ch_scaffold00226_120668	Ca_desi_scaffold	120668	[T/C]	NA
Ca_Desi_Ch_scaffold00226_120670	Ca_desi_scaffold	120670	[T/C]	NA
Ca_Desi_Ch_scaffold00226_120672	Ca_desi_scaffold	120672	[A/G]	NA
Ca_Desi_Ch_scaffold00226_120674	Ca_desi_scaffold	120674	[A/T]	NA
Ca_Desi_Ch_scaffold00226_120681	Ca_desi_scaffold	120681	[T/C]	NA
Ca_Desi_Ch_scaffold00226_128646	Ca_desi_scaffold	128646	[T/G]	NA
Ca_Desi_Ch_scaffold00226_142879	Ca_desi_scaffold	142879	[T/A]	NA
Ca_Desi_Ch_scaffold00226_157603	Ca_desi_scaffold	157603	[A/G]	NA
Ca_Desi_Ch_scaffold00226_157611	Ca_desi_scaffold	157611	[T/C]	NA
Ca_Desi_Ch_scaffold00226_157631	Ca_desi_scaffold	157631	[A/C]	NA
Ca_Desi_Ch_scaffold00226_218377	Ca_desi_scaffold	218377	[A/C]	NA
Ca_Desi_Ch_scaffold00226_220328	Ca_desi_scaffold	220328	[A/C]	NA
Ca_Desi_Ch_scaffold00226_230800	Ca_desi_scaffold	230800	[T/C]	NA
Ca_Desi_Ch_scaffold00226_230813	Ca_desi_scaffold	230813	[T/G]	NA
Ca_Desi_Ch_scaffold00226_230819	Ca_desi_scaffold	230819	[T/G]	NA
Ca_Desi_Ch_scaffold00226_230832	Ca_desi_scaffold	230832	[T/G]	NA
Ca_Desi_Ch_scaffold00227_63230	Ca_desi_scaffold	63230	[A/G]	NA
Ca_Desi_Ch_scaffold00227_63979	Ca_desi_scaffold	63979	[T/G]	NA
Ca_Desi_Ch_scaffold00227_63982	Ca_desi_scaffold	63982	[T/C]	NA
Ca_Desi_Ch_scaffold00227_63987	Ca_desi_scaffold	63987	[A/G]	NA
Ca_Desi_Ch_scaffold00227_64000	Ca_desi_scaffold	64000	[A/C]	NA
Ca_Desi_Ch_scaffold00227_64013	Ca_desi_scaffold	64013	[A/G]	NA
Ca_Desi_Ch_scaffold00227_64018	Ca_desi_scaffold	64018	[T/G]	NA
Ca_Desi_Ch_scaffold00227_64021	Ca_desi_scaffold	64021	[T/A]	NA
Ca_Desi_Ch_scaffold00227_64071	Ca_desi_scaffold	64071	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00227_64079	Ca_desi_scaffold	64079	[T/G]	NA
Ca_Desi_Ch_scaffold00227_64231	Ca_desi_scaffold	64231	[G/A]	NA
Ca_Desi_Ch_scaffold00227_94006	Ca_desi_scaffold	94006	[C/A]	NA
Ca_Desi_Ch_scaffold00227_94007	Ca_desi_scaffold	94007	[A/G]	NA
Ca_Desi_Ch_scaffold00227_183182	Ca_desi_scaffold	183182	[T/G]	NA
Ca_Desi_Ch_scaffold00227_183230	Ca_desi_scaffold	183230	[A/C]	NA
Ca_Desi_Ch_scaffold00229_19207	Ca_desi_scaffold	19207	[A/G]	NA
Ca_Desi_Ch_scaffold00229_25859	Ca_desi_scaffold	25859	[T/C]	NA
Ca_Desi_Ch_scaffold00232_28461	Ca_desi_scaffold	28461	[T/G]	NA
Ca_Desi_Ch_scaffold00232_31579	Ca_desi_scaffold	31579	[A/C]	NA
Ca_Desi_Ch_scaffold00232_182454	Ca_desi_scaffold	182454	[A/C]	NA
Ca_Desi_Ch_scaffold00232_232212	Ca_desi_scaffold	232212	[A/C]	NA
Ca_Desi_Ch_scaffold00236_8220	Ca_desi_scaffold	8220	[C/T]	NA
Ca_Desi_Ch_scaffold00236_27936	Ca_desi_scaffold	27936	[A/C]	NA
Ca_Desi_Ch_scaffold00236_27949	Ca_desi_scaffold	27949	[A/C]	NA
Ca_Desi_Ch_scaffold00236_27957	Ca_desi_scaffold	27957	[T/A]	NA
Ca_Desi_Ch_scaffold00236_28083	Ca_desi_scaffold	28083	[A/C]	NA
Ca_Desi_Ch_scaffold00236_29528	Ca_desi_scaffold	29528	[C/A]	NA
Ca_Desi_Ch_scaffold00236_29529	Ca_desi_scaffold	29529	[C/G]	NA
Ca_Desi_Ch_scaffold00236_29530	Ca_desi_scaffold	29530	[C/A]	NA
Ca_Desi_Ch_scaffold00236_66064	Ca_desi_scaffold	66064	[A/G]	NA
Ca_Desi_Ch_scaffold00236_66086	Ca_desi_scaffold	66086	[A/G]	NA
Ca_Desi_Ch_scaffold00236_101236	Ca_desi_scaffold	101236	[T/G]	NA
Ca_Desi_Ch_scaffold00236_101378	Ca_desi_scaffold	101378	[A/G]	NA
Ca_Desi_Ch_scaffold00236_101394	Ca_desi_scaffold	101394	[A/C]	NA
Ca_Desi_Ch_scaffold00236_101435	Ca_desi_scaffold	101435	[A/G]	NA
Ca_Desi_Ch_scaffold00236_101451	Ca_desi_scaffold	101451	[T/C]	NA
Ca_Desi_Ch_scaffold00236_107730	Ca_desi_scaffold	107730	[T/G]	NA
Ca_Desi_Ch_scaffold00236_107750	Ca_desi_scaffold	107750	[T/G]	NA
Ca_Desi_Ch_scaffold00236_107787	Ca_desi_scaffold	107787	[A/T]	NA
Ca_Desi_Ch_scaffold00236_108276	Ca_desi_scaffold	108276	[T/G]	NA
Ca_Desi_Ch_scaffold00236_108281	Ca_desi_scaffold	108281	[C/T]	NA
Ca_Desi_Ch_scaffold00236_108288	Ca_desi_scaffold	108288	[C/G]	NA
Ca_Desi_Ch_scaffold00236_108296	Ca_desi_scaffold	108296	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00236_108299	Ca_desi_scaffold	108299	[T/A]	NA
Ca_Desi_Ch_scaffold00236_134701	Ca_desi_scaffold	134701	[T/G]	NA
Ca_Desi_Ch_scaffold00236_163204	Ca_desi_scaffold	163204	[T/G]	NA
Ca_Desi_Ch_scaffold00236_163211	Ca_desi_scaffold	163211	[G/A]	NA
Ca_Desi_Ch_scaffold00236_173224	Ca_desi_scaffold	173224	[A/C]	NA
Ca_Desi_Ch_scaffold00236_183183	Ca_desi_scaffold	183183	[T/C]	NA
Ca_Desi_Ch_scaffold00236_183214	Ca_desi_scaffold	183214	[T/G]	NA
Ca_Desi_Ch_scaffold00245_154597	Ca_desi_scaffold	154597	[A/C]	NA
Ca_Desi_Ch_scaffold00245_188228	Ca_desi_scaffold	188228	[A/T]	NA
Ca_Desi_Ch_scaffold00245_188325	Ca_desi_scaffold	188325	[T/C]	NA
Ca_Desi_Ch_scaffold00245_188340	Ca_desi_scaffold	188340	[A/C]	NA
Ca_Desi_Ch_scaffold00245_188363	Ca_desi_scaffold	188363	[A/G]	NA
Ca_Desi_Ch_scaffold00245_203943	Ca_desi_scaffold	203943	[T/A]	NA
Ca_Desi_Ch_scaffold00245_203962	Ca_desi_scaffold	203962	[A/C]	NA
Ca_Desi_Ch_scaffold00249_26967	Ca_desi_scaffold	26967	[T/C]	NA
Ca_Desi_Ch_scaffold00249_26987	Ca_desi_scaffold	26987	[T/G]	NA
Ca_Desi_Ch_scaffold00249_26991	Ca_desi_scaffold	26991	[C/G]	NA
Ca_Desi_Ch_scaffold00249_26993	Ca_desi_scaffold	26993	[T/C]	NA
Ca_Desi_Ch_scaffold00249_26997	Ca_desi_scaffold	26997	[T/G]	NA
Ca_Desi_Ch_scaffold00249_26999	Ca_desi_scaffold	26999	[A/G]	NA
Ca_Desi_Ch_scaffold00249_27013	Ca_desi_scaffold	27013	[T/G]	NA
Ca_Desi_Ch_scaffold00249_27022	Ca_desi_scaffold	27022	[T/C]	NA
Ca_Desi_Ch_scaffold00249_27025	Ca_desi_scaffold	27025	[G/T]	NA
Ca_Desi_Ch_scaffold00249_101426	Ca_desi_scaffold	101426	[A/T]	NA
Ca_Desi_Ch_scaffold00249_101438	Ca_desi_scaffold	101438	[A/G]	NA
Ca_Desi_Ch_scaffold00249_101442	Ca_desi_scaffold	101442	[T/C]	NA
Ca_Desi_Ch_scaffold00249_101447	Ca_desi_scaffold	101447	[A/G]	NA
Ca_Desi_Ch_scaffold00249_101449	Ca_desi_scaffold	101449	[A/C]	NA
Ca_Desi_Ch_scaffold00249_101453	Ca_desi_scaffold	101453	[A/G]	NA
Ca_Desi_Ch_scaffold00249_101460	Ca_desi_scaffold	101460	[A/G]	NA
Ca_Desi_Ch_scaffold00249_101461	Ca_desi_scaffold	101461	[A/G]	NA
Ca_Desi_Ch_scaffold00249_101470	Ca_desi_scaffold	101470	[T/C]	NA
Ca_Desi_Ch_scaffold00249_101473	Ca_desi_scaffold	101473	[T/C]	NA
Ca_Desi_Ch_scaffold00249_101480	Ca_desi_scaffold	101480	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00249_102853	Ca_desi_scaffold	102853	[A/G]	NA
Ca_Desi_Ch_scaffold00249_102854	Ca_desi_scaffold	102854	[T/G]	NA
Ca_Desi_Ch_scaffold00249_102855	Ca_desi_scaffold	102855	[C/A]	NA
Ca_Desi_Ch_scaffold00249_102856	Ca_desi_scaffold	102856	[T/G]	NA
Ca_Desi_Ch_scaffold00252_41046	Ca_desi_scaffold	41046	[C/T]	NA
Ca_Desi_Ch_scaffold00252_41089	Ca_desi_scaffold	41089	[T/G]	NA
Ca_Desi_Ch_scaffold00252_102047	Ca_desi_scaffold	102047	[A/G]	NA
Ca_Desi_Ch_scaffold00252_140517	Ca_desi_scaffold	140517	[T/G]	NA
Ca_Desi_Ch_scaffold00252_140553	Ca_desi_scaffold	140553	[C/A]	NA
Ca_Desi_Ch_scaffold00252_140554	Ca_desi_scaffold	140554	[A/G]	NA
Ca_Desi_Ch_scaffold00254_28063	Ca_desi_scaffold	28063	[C/T]	NA
Ca_Desi_Ch_scaffold00254_28286	Ca_desi_scaffold	28286	[G/A]	NA
Ca_Desi_Ch_scaffold00254_28287	Ca_desi_scaffold	28287	[T/C]	NA
Ca_Desi_Ch_scaffold00254_28433	Ca_desi_scaffold	28433	[T/A]	NA
Ca_Desi_Ch_scaffold00254_74514	Ca_desi_scaffold	74514	[A/C]	NA
Ca_Desi_Ch_scaffold00254_74521	Ca_desi_scaffold	74521	[A/C]	NA
Ca_Desi_Ch_scaffold00254_74540	Ca_desi_scaffold	74540	[T/C]	NA
Ca_Desi_Ch_scaffold00254_74545	Ca_desi_scaffold	74545	[G/A]	NA
Ca_Desi_Ch_scaffold00254_74592	Ca_desi_scaffold	74592	[T/G]	NA
Ca_Desi_Ch_scaffold00254_74599	Ca_desi_scaffold	74599	[T/G]	NA
Ca_Desi_Ch_scaffold00254_74656	Ca_desi_scaffold	74656	[T/G]	NA
Ca_Desi_Ch_scaffold00254_95189	Ca_desi_scaffold	95189	[T/G]	NA
Ca_Desi_Ch_scaffold00254_96329	Ca_desi_scaffold	96329	[T/G]	NA
Ca_Desi_Ch_scaffold00254_96479	Ca_desi_scaffold	96479	[G/A]	NA
Ca_Desi_Ch_scaffold00254_149572	Ca_desi_scaffold	149572	[T/C]	NA
Ca_Desi_Ch_scaffold00254_149582	Ca_desi_scaffold	149582	[T/C]	NA
Ca_Desi_Ch_scaffold00254_168855	Ca_desi_scaffold	168855	[T/G]	NA
Ca_Desi_Ch_scaffold00254_168876	Ca_desi_scaffold	168876	[A/G]	NA
Ca_Desi_Ch_scaffold00254_169474	Ca_desi_scaffold	169474	[G/A]	NA
Ca_Desi_Ch_scaffold00254_169502	Ca_desi_scaffold	169502	[T/C]	NA
Ca_Desi_Ch_scaffold00254_169535	Ca_desi_scaffold	169535	[T/A]	NA
Ca_Desi_Ch_scaffold00254_169588	Ca_desi_scaffold	169588	[A/G]	NA
Ca_Desi_Ch_scaffold00257_32401	Ca_desi_scaffold	32401	[A/C]	NA
Ca_Desi_Ch_scaffold00257_32402	Ca_desi_scaffold	32402	[C/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00257_32406	Ca_desi_scaffold	32406	[G/A]	NA
Ca_Desi_Ch_scaffold00257_81936	Ca_desi_scaffold	81936	[T/C]	NA
Ca_Desi_Ch_scaffold00257_81937	Ca_desi_scaffold	81937	[A/G]	NA
Ca_Desi_Ch_scaffold00257_81945	Ca_desi_scaffold	81945	[G/A]	NA
Ca_Desi_Ch_scaffold00257_90801	Ca_desi_scaffold	90801	[A/C]	NA
Ca_Desi_Ch_scaffold00257_100067	Ca_desi_scaffold	100067	[A/T]	NA
Ca_Desi_Ch_scaffold00257_100070	Ca_desi_scaffold	100070	[A/C]	NA
Ca_Desi_Ch_scaffold00257_100075	Ca_desi_scaffold	100075	[A/G]	NA
Ca_Desi_Ch_scaffold00257_100089	Ca_desi_scaffold	100089	[T/C]	NA
Ca_Desi_Ch_scaffold00257_100092	Ca_desi_scaffold	100092	[T/G]	NA
Ca_Desi_Ch_scaffold00257_100170	Ca_desi_scaffold	100170	[T/G]	NA
Ca_Desi_Ch_scaffold00257_100311	Ca_desi_scaffold	100311	[T/A]	NA
Ca_Desi_Ch_scaffold00257_100345	Ca_desi_scaffold	100345	[A/G]	NA
Ca_Desi_Ch_scaffold00257_101934	Ca_desi_scaffold	101934	[A/C]	NA
Ca_Desi_Ch_scaffold00257_101944	Ca_desi_scaffold	101944	[A/C]	NA
Ca_Desi_Ch_scaffold00257_158193	Ca_desi_scaffold	158193	[T/C]	NA
Ca_Desi_Ch_scaffold00259_40085	Ca_desi_scaffold	40085	[T/G]	NA
Ca_Desi_Ch_scaffold00259_56350	Ca_desi_scaffold	56350	[T/G]	NA
Ca_Desi_Ch_scaffold00261_46792	Ca_desi_scaffold	46792	[A/C]	NA
Ca_Desi_Ch_scaffold00261_46802	Ca_desi_scaffold	46802	[A/G]	NA
Ca_Desi_Ch_scaffold00261_46808	Ca_desi_scaffold	46808	[T/A]	NA
Ca_Desi_Ch_scaffold00261_46811	Ca_desi_scaffold	46811	[T/G]	NA
Ca_Desi_Ch_scaffold00261_51780	Ca_desi_scaffold	51780	[A/C]	NA
Ca_Desi_Ch_scaffold00261_60909	Ca_desi_scaffold	60909	[T/G]	NA
Ca_Desi_Ch_scaffold00261_69505	Ca_desi_scaffold	69505	[A/T]	NA
Ca_Desi_Ch_scaffold00261_69533	Ca_desi_scaffold	69533	[T/G]	NA
Ca_Desi_Ch_scaffold00261_78702	Ca_desi_scaffold	78702	[G/T]	NA
Ca_Desi_Ch_scaffold00261_78703	Ca_desi_scaffold	78703	[T/C]	NA
Ca_Desi_Ch_scaffold00261_78704	Ca_desi_scaffold	78704	[G/T]	NA
Ca_Desi_Ch_scaffold00261_83165	Ca_desi_scaffold	83165	[T/C]	NA
Ca_Desi_Ch_scaffold00261_83198	Ca_desi_scaffold	83198	[T/C]	NA
Ca_Desi_Ch_scaffold00261_116087	Ca_desi_scaffold	116087	[T/C]	NA
Ca_Desi_Ch_scaffold00261_116102	Ca_desi_scaffold	116102	[A/G]	NA
Ca_Desi_Ch_scaffold00261_116103	Ca_desi_scaffold	116103	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00261_116113	Ca_desig_scaffold	116113	[C/A]	NA
Ca_Desig_Chr_scaffold00261_116117	Ca_desig_scaffold	116117	[A/G]	NA
Ca_Desig_Chr_scaffold00261_116121	Ca_desig_scaffold	116121	[A/G]	NA
Ca_Desig_Chr_scaffold00261_116124	Ca_desig_scaffold	116124	[A/G]	NA
Ca_Desig_Chr_scaffold00261_116128	Ca_desig_scaffold	116128	[T/G]	NA
Ca_Desig_Chr_scaffold00261_116131	Ca_desig_scaffold	116131	[A/G]	NA
Ca_Desig_Chr_scaffold00261_116133	Ca_desig_scaffold	116133	[A/G]	NA
Ca_Desig_Chr_scaffold00261_116137	Ca_desig_scaffold	116137	[G/A]	NA
Ca_Desig_Chr_scaffold00261_116138	Ca_desig_scaffold	116138	[T/G]	NA
Ca_Desig_Chr_scaffold00261_116139	Ca_desig_scaffold	116139	[T/C]	NA
Ca_Desig_Chr_scaffold00261_116142	Ca_desig_scaffold	116142	[A/G]	NA
Ca_Desig_Chr_scaffold00261_116146	Ca_desig_scaffold	116146	[A/G]	NA
Ca_Desig_Chr_scaffold00261_143828	Ca_desig_scaffold	143828	[A/C]	NA
Ca_Desig_Chr_scaffold00261_164214	Ca_desig_scaffold	164214	[T/G]	NA
Ca_Desig_Chr_scaffold00261_164298	Ca_desig_scaffold	164298	[A/G]	NA
Ca_Desig_Chr_scaffold00262_13787	Ca_desig_scaffold	13787	[C/A]	NA
Ca_Desig_Chr_scaffold00262_13788	Ca_desig_scaffold	13788	[C/G]	NA
Ca_Desig_Chr_scaffold00262_13789	Ca_desig_scaffold	13789	[T/A]	NA
Ca_Desig_Chr_scaffold00262_13790	Ca_desig_scaffold	13790	[C/T]	NA
Ca_Desig_Chr_scaffold00262_47220	Ca_desig_scaffold	47220	[A/G]	NA
Ca_Desig_Chr_scaffold00262_127902	Ca_desig_scaffold	127902	[A/G]	NA
Ca_Desig_Chr_scaffold00262_127977	Ca_desig_scaffold	127977	[A/C]	NA
Ca_Desig_Chr_scaffold00262_127985	Ca_desig_scaffold	127985	[T/C]	NA
Ca_Desig_Chr_scaffold00262_127987	Ca_desig_scaffold	127987	[A/C]	NA
Ca_Desig_Chr_scaffold00262_128036	Ca_desig_scaffold	128036	[T/G]	NA
Ca_Desig_Chr_scaffold00262_128571	Ca_desig_scaffold	128571	[T/C]	NA
Ca_Desig_Chr_scaffold00262_128575	Ca_desig_scaffold	128575	[A/G]	NA
Ca_Desig_Chr_scaffold00262_128619	Ca_desig_scaffold	128619	[A/C]	NA
Ca_Desig_Chr_scaffold00262_128626	Ca_desig_scaffold	128626	[A/C]	NA
Ca_Desig_Chr_scaffold00262_165213	Ca_desig_scaffold	165213	[A/C]	NA
Ca_Desig_Chr_scaffold00262_165229	Ca_desig_scaffold	165229	[T/C]	NA
Ca_Desig_Chr_scaffold00262_175672	Ca_desig_scaffold	175672	[T/G]	NA
Ca_Desig_Chr_scaffold00262_175678	Ca_desig_scaffold	175678	[T/G]	NA
Ca_Desig_Chr_scaffold00262_175748	Ca_desig_scaffold	175748	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00262_181465	Ca_desi_scaffold	181465	[T/G]	NA
Ca_Desi_Ch_scaffold00262_181489	Ca_desi_scaffold	181489	[A/G]	NA
Ca_Desi_Ch_scaffold00262_186124	Ca_desi_scaffold	186124	[T/A]	NA
Ca_Desi_Ch_scaffold00262_186133	Ca_desi_scaffold	186133	[A/G]	NA
Ca_Desi_Ch_scaffold00262_186201	Ca_desi_scaffold	186201	[T/C]	NA
Ca_Desi_Ch_scaffold00262_186209	Ca_desi_scaffold	186209	[A/G]	NA
Ca_Desi_Ch_scaffold00262_186211	Ca_desi_scaffold	186211	[A/C]	NA
Ca_Desi_Ch_scaffold00262_186219	Ca_desi_scaffold	186219	[T/C]	NA
Ca_Desi_Ch_scaffold00262_189794	Ca_desi_scaffold	189794	[A/G]	NA
Ca_Desi_Ch_scaffold00262_190317	Ca_desi_scaffold	190317	[T/C]	NA
Ca_Desi_Ch_scaffold00262_191481	Ca_desi_scaffold	191481	[A/G]	NA
Ca_Desi_Ch_scaffold00262_191526	Ca_desi_scaffold	191526	[A/C]	NA
Ca_Desi_Ch_scaffold00263_36357	Ca_desi_scaffold	36357	[T/G]	NA
Ca_Desi_Ch_scaffold00263_36360	Ca_desi_scaffold	36360	[T/G]	NA
Ca_Desi_Ch_scaffold00263_56144	Ca_desi_scaffold	56144	[A/G]	NA
Ca_Desi_Ch_scaffold00263_72658	Ca_desi_scaffold	72658	[T/C]	NA
Ca_Desi_Ch_scaffold00263_78788	Ca_desi_scaffold	78788	[T/G]	NA
Ca_Desi_Ch_scaffold00263_78805	Ca_desi_scaffold	78805	[T/G]	NA
Ca_Desi_Ch_scaffold00263_78828	Ca_desi_scaffold	78828	[T/G]	NA
Ca_Desi_Ch_scaffold00263_98572	Ca_desi_scaffold	98572	[T/C]	NA
Ca_Desi_Ch_scaffold00263_98576	Ca_desi_scaffold	98576	[T/C]	NA
Ca_Desi_Ch_scaffold00263_98578	Ca_desi_scaffold	98578	[A/C]	NA
Ca_Desi_Ch_scaffold00263_98581	Ca_desi_scaffold	98581	[G/T]	NA
Ca_Desi_Ch_scaffold00263_98584	Ca_desi_scaffold	98584	[T/C]	NA
Ca_Desi_Ch_scaffold00263_98588	Ca_desi_scaffold	98588	[T/G]	NA
Ca_Desi_Ch_scaffold00263_98591	Ca_desi_scaffold	98591	[C/G]	NA
Ca_Desi_Ch_scaffold00263_98594	Ca_desi_scaffold	98594	[T/G]	NA
Ca_Desi_Ch_scaffold00263_98596	Ca_desi_scaffold	98596	[C/T]	NA
Ca_Desi_Ch_scaffold00263_98598	Ca_desi_scaffold	98598	[G/C]	NA
Ca_Desi_Ch_scaffold00263_98599	Ca_desi_scaffold	98599	[T/G]	NA
Ca_Desi_Ch_scaffold00263_98607	Ca_desi_scaffold	98607	[T/C]	NA
Ca_Desi_Ch_scaffold00263_98609	Ca_desi_scaffold	98609	[G/C]	NA
Ca_Desi_Ch_scaffold00263_98611	Ca_desi_scaffold	98611	[T/C]	NA
Ca_Desi_Ch_scaffold00263_100448	Ca_desi_scaffold	100448	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00263_100465	Ca_desi_scaffold	100465	[T/G]	NA
Ca_Desi_Ch_scaffold00263_100486	Ca_desi_scaffold	100486	[A/C]	NA
Ca_Desi_Ch_scaffold00263_158977	Ca_desi_scaffold	158977	[A/C]	NA
Ca_Desi_Ch_scaffold00263_160119	Ca_desi_scaffold	160119	[A/G]	NA
Ca_Desi_Ch_scaffold00263_160178	Ca_desi_scaffold	160178	[T/G]	NA
Ca_Desi_Ch_scaffold00263_162486	Ca_desi_scaffold	162486	[T/C]	NA
Ca_Desi_Ch_scaffold00263_162666	Ca_desi_scaffold	162666	[A/T]	NA
Ca_Desi_Ch_scaffold00263_162675	Ca_desi_scaffold	162675	[A/G]	NA
Ca_Desi_Ch_scaffold00263_162680	Ca_desi_scaffold	162680	[A/G]	NA
Ca_Desi_Ch_scaffold00263_162704	Ca_desi_scaffold	162704	[T/C]	NA
Ca_Desi_Ch_scaffold00263_162711	Ca_desi_scaffold	162711	[A/G]	NA
Ca_Desi_Ch_scaffold00263_162713	Ca_desi_scaffold	162713	[A/G]	NA
Ca_Desi_Ch_scaffold00263_162718	Ca_desi_scaffold	162718	[T/C]	NA
Ca_Desi_Ch_scaffold00263_211258	Ca_desi_scaffold	211258	[A/C]	NA
Ca_Desi_Ch_scaffold00264_135960	Ca_desi_scaffold	135960	[A/C]	NA
Ca_Desi_Ch_scaffold00264_135961	Ca_desi_scaffold	135961	[G/C]	NA
Ca_Desi_Ch_scaffold00264_135963	Ca_desi_scaffold	135963	[T/G]	NA
Ca_Desi_Ch_scaffold00264_141173	Ca_desi_scaffold	141173	[A/C]	NA
Ca_Desi_Ch_scaffold00264_161494	Ca_desi_scaffold	161494	[T/G]	NA
Ca_Desi_Ch_scaffold00264_164536	Ca_desi_scaffold	164536	[A/C]	NA
Ca_Desi_Ch_scaffold00264_202046	Ca_desi_scaffold	202046	[A/T]	NA
Ca_Desi_Ch_scaffold00266_42534	Ca_desi_scaffold	42534	[T/C]	NA
Ca_Desi_Ch_scaffold00266_100495	Ca_desi_scaffold	100495	[A/C]	NA
Ca_Desi_Ch_scaffold00266_179610	Ca_desi_scaffold	179610	[T/C]	NA
Ca_Desi_Ch_scaffold00266_179623	Ca_desi_scaffold	179623	[A/G]	NA
Ca_Desi_Ch_scaffold00266_179625	Ca_desi_scaffold	179625	[A/G]	NA
Ca_Desi_Ch_scaffold00270_66682	Ca_desi_scaffold	66682	[A/G]	NA
Ca_Desi_Ch_scaffold00270_66755	Ca_desi_scaffold	66755	[A/G]	NA
Ca_Desi_Ch_scaffold00270_70508	Ca_desi_scaffold	70508	[T/A]	NA
Ca_Desi_Ch_scaffold00270_70514	Ca_desi_scaffold	70514	[T/G]	NA
Ca_Desi_Ch_scaffold00270_70518	Ca_desi_scaffold	70518	[T/G]	NA
Ca_Desi_Ch_scaffold00270_70526	Ca_desi_scaffold	70526	[A/G]	NA
Ca_Desi_Ch_scaffold00270_70533	Ca_desi_scaffold	70533	[G/A]	NA
Ca_Desi_Ch_scaffold00270_70548	Ca_desi_scaffold	70548	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00270_70558	Ca_desig_scaffold	70558	[T/G]	NA
Ca_Desig_Chr_scaffold00270_163431	Ca_desig_scaffold	163431	[A/T]	NA
Ca_Desig_Chr_scaffold00270_163434	Ca_desig_scaffold	163434	[A/T]	NA
Ca_Desig_Chr_scaffold00270_163588	Ca_desig_scaffold	163588	[A/C]	NA
Ca_Desig_Chr_scaffold00270_177472	Ca_desig_scaffold	177472	[T/C]	NA
Ca_Desig_Chr_scaffold00270_177478	Ca_desig_scaffold	177478	[T/G]	NA
Ca_Desig_Chr_scaffold00271_6101	Ca_desig_scaffold	6101	[A/G]	NA
Ca_Desig_Chr_scaffold00271_6118	Ca_desig_scaffold	6118	[T/A]	NA
Ca_Desig_Chr_scaffold00271_6166	Ca_desig_scaffold	6166	[T/G]	NA
Ca_Desig_Chr_scaffold00271_32066	Ca_desig_scaffold	32066	[G/T]	NA
Ca_Desig_Chr_scaffold00271_32909	Ca_desig_scaffold	32909	[C/T]	NA
Ca_Desig_Chr_scaffold00271_33434	Ca_desig_scaffold	33434	[C/T]	NA
Ca_Desig_Chr_scaffold00271_33738	Ca_desig_scaffold	33738	[T/C]	NA
Ca_Desig_Chr_scaffold00271_33771	Ca_desig_scaffold	33771	[T/C]	NA
Ca_Desig_Chr_scaffold00271_33775	Ca_desig_scaffold	33775	[T/C]	NA
Ca_Desig_Chr_scaffold00271_33830	Ca_desig_scaffold	33830	[A/G]	NA
Ca_Desig_Chr_scaffold00271_48125	Ca_desig_scaffold	48125	[G/T]	NA
Ca_Desig_Chr_scaffold00271_48128	Ca_desig_scaffold	48128	[T/C]	NA
Ca_Desig_Chr_scaffold00271_58847	Ca_desig_scaffold	58847	[G/A]	NA
Ca_Desig_Chr_scaffold00271_58865	Ca_desig_scaffold	58865	[C/G]	NA
Ca_Desig_Chr_scaffold00271_79298	Ca_desig_scaffold	79298	[A/C]	NA
Ca_Desig_Chr_scaffold00271_79360	Ca_desig_scaffold	79360	[T/C]	NA
Ca_Desig_Chr_scaffold00271_79429	Ca_desig_scaffold	79429	[T/A]	NA
Ca_Desig_Chr_scaffold00271_80924	Ca_desig_scaffold	80924	[A/G]	NA
Ca_Desig_Chr_scaffold00271_85381	Ca_desig_scaffold	85381	[T/C]	NA
Ca_Desig_Chr_scaffold00271_85652	Ca_desig_scaffold	85652	[A/G]	NA
Ca_Desig_Chr_scaffold00271_85777	Ca_desig_scaffold	85777	[T/C]	NA
Ca_Desig_Chr_scaffold00271_85779	Ca_desig_scaffold	85779	[C/A]	NA
Ca_Desig_Chr_scaffold00271_106914	Ca_desig_scaffold	106914	[T/A]	NA
Ca_Desig_Chr_scaffold00271_106943	Ca_desig_scaffold	106943	[A/G]	NA
Ca_Desig_Chr_scaffold00271_106949	Ca_desig_scaffold	106949	[T/G]	NA
Ca_Desig_Chr_scaffold00271_106955	Ca_desig_scaffold	106955	[T/G]	NA
Ca_Desig_Chr_scaffold00271_111135	Ca_desig_scaffold	111135	[T/G]	NA
Ca_Desig_Chr_scaffold00271_120137	Ca_desig_scaffold	120137	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00271_174994	Ca_desig_scaffold	174994	[G/A]	NA
Ca_Desig_Chr_scaffold00271_175021	Ca_desig_scaffold	175021	[G/C]	NA
Ca_Desig_Chr_scaffold00271_184858	Ca_desig_scaffold	184858	[C/G]	NA
Ca_Desig_Chr_scaffold00271_190023	Ca_desig_scaffold	190023	[C/A]	NA
Ca_Desig_Chr_scaffold00271_212596	Ca_desig_scaffold	212596	[A/T]	NA
Ca_Desig_Chr_scaffold00274_33204	Ca_desig_scaffold	33204	[T/G]	NA
Ca_Desig_Chr_scaffold00274_114414	Ca_desig_scaffold	114414	[T/G]	NA
Ca_Desig_Chr_scaffold00274_122651	Ca_desig_scaffold	122651	[A/C]	NA
Ca_Desig_Chr_scaffold00274_122769	Ca_desig_scaffold	122769	[C/A]	NA
Ca_Desig_Chr_scaffold00274_122885	Ca_desig_scaffold	122885	[A/G]	NA
Ca_Desig_Chr_scaffold00274_122995	Ca_desig_scaffold	122995	[A/G]	NA
Ca_Desig_Chr_scaffold00274_123003	Ca_desig_scaffold	123003	[C/A]	NA
Ca_Desig_Chr_scaffold00274_176291	Ca_desig_scaffold	176291	[T/C]	NA
Ca_Desig_Chr_scaffold00274_185761	Ca_desig_scaffold	185761	[A/G]	NA
Ca_Desig_Chr_scaffold00274_185765	Ca_desig_scaffold	185765	[T/G]	NA
Ca_Desig_Chr_scaffold00274_185782	Ca_desig_scaffold	185782	[T/C]	NA
Ca_Desig_Chr_scaffold00274_185804	Ca_desig_scaffold	185804	[T/C]	NA
Ca_Desig_Chr_scaffold00274_185816	Ca_desig_scaffold	185816	[A/G]	NA
Ca_Desig_Chr_scaffold00274_185825	Ca_desig_scaffold	185825	[A/C]	NA
Ca_Desig_Chr_scaffold00277_38628	Ca_desig_scaffold	38628	[A/C]	NA
Ca_Desig_Chr_scaffold00277_38642	Ca_desig_scaffold	38642	[A/C]	NA
Ca_Desig_Chr_scaffold00277_38646	Ca_desig_scaffold	38646	[A/T]	NA
Ca_Desig_Chr_scaffold00277_42134	Ca_desig_scaffold	42134	[T/C]	NA
Ca_Desig_Chr_scaffold00277_42138	Ca_desig_scaffold	42138	[A/T]	NA
Ca_Desig_Chr_scaffold00277_42143	Ca_desig_scaffold	42143	[C/T]	NA
Ca_Desig_Chr_scaffold00277_42149	Ca_desig_scaffold	42149	[T/C]	NA
Ca_Desig_Chr_scaffold00277_42160	Ca_desig_scaffold	42160	[A/G]	NA
Ca_Desig_Chr_scaffold00277_42166	Ca_desig_scaffold	42166	[G/A]	NA
Ca_Desig_Chr_scaffold00277_42168	Ca_desig_scaffold	42168	[A/G]	NA
Ca_Desig_Chr_scaffold00277_42180	Ca_desig_scaffold	42180	[A/G]	NA
Ca_Desig_Chr_scaffold00277_42183	Ca_desig_scaffold	42183	[A/G]	NA
Ca_Desig_Chr_scaffold00277_42191	Ca_desig_scaffold	42191	[T/G]	NA
Ca_Desig_Chr_scaffold00277_42196	Ca_desig_scaffold	42196	[T/C]	NA
Ca_Desig_Chr_scaffold00277_87460	Ca_desig_scaffold	87460	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00277_147553	Ca_desi_scaffold	147553	[T/A]	NA
Ca_Desi_Ch_scaffold00277_147572	Ca_desi_scaffold	147572	[A/C]	NA
Ca_Desi_Ch_scaffold00277_147592	Ca_desi_scaffold	147592	[A/G]	NA
Ca_Desi_Ch_scaffold00277_190105	Ca_desi_scaffold	190105	[C/A]	NA
Ca_Desi_Ch_scaffold00277_190126	Ca_desi_scaffold	190126	[C/A]	NA
Ca_Desi_Ch_scaffold00277_190152	Ca_desi_scaffold	190152	[A/T]	NA
Ca_Desi_Ch_scaffold00277_190153	Ca_desi_scaffold	190153	[A/T]	NA
Ca_Desi_Ch_scaffold00277_190164	Ca_desi_scaffold	190164	[G/A]	NA
Ca_Desi_Ch_scaffold00279_122873	Ca_desi_scaffold	122873	[T/C]	NA
Ca_Desi_Ch_scaffold00279_123121	Ca_desi_scaffold	123121	[T/C]	NA
Ca_Desi_Ch_scaffold00279_123131	Ca_desi_scaffold	123131	[T/C]	NA
Ca_Desi_Ch_scaffold00279_123135	Ca_desi_scaffold	123135	[A/G]	NA
Ca_Desi_Ch_scaffold00279_123138	Ca_desi_scaffold	123138	[T/C]	NA
Ca_Desi_Ch_scaffold00279_123139	Ca_desi_scaffold	123139	[A/G]	NA
Ca_Desi_Ch_scaffold00279_123141	Ca_desi_scaffold	123141	[A/G]	NA
Ca_Desi_Ch_scaffold00279_123160	Ca_desi_scaffold	123160	[T/G]	NA
Ca_Desi_Ch_scaffold00279_137670	Ca_desi_scaffold	137670	[T/G]	NA
Ca_Desi_Ch_scaffold00279_137673	Ca_desi_scaffold	137673	[T/G]	NA
Ca_Desi_Ch_scaffold00279_144460	Ca_desi_scaffold	144460	[T/A]	NA
Ca_Desi_Ch_scaffold00279_144514	Ca_desi_scaffold	144514	[T/C]	NA
Ca_Desi_Ch_scaffold00279_144522	Ca_desi_scaffold	144522	[T/C]	NA
Ca_Desi_Ch_scaffold00279_144539	Ca_desi_scaffold	144539	[T/G]	NA
Ca_Desi_Ch_scaffold00279_144541	Ca_desi_scaffold	144541	[A/G]	NA
Ca_Desi_Ch_scaffold00279_144546	Ca_desi_scaffold	144546	[T/G]	NA
Ca_Desi_Ch_scaffold00279_151434	Ca_desi_scaffold	151434	[A/G]	NA
Ca_Desi_Ch_scaffold00286_9852	Ca_desi_scaffold	9852	[T/G]	NA
Ca_Desi_Ch_scaffold00286_11294	Ca_desi_scaffold	11294	[A/C]	NA
Ca_Desi_Ch_scaffold00286_11313	Ca_desi_scaffold	11313	[A/G]	NA
Ca_Desi_Ch_scaffold00286_11319	Ca_desi_scaffold	11319	[T/G]	NA
Ca_Desi_Ch_scaffold00286_60255	Ca_desi_scaffold	60255	[A/C]	NA
Ca_Desi_Ch_scaffold00286_77109	Ca_desi_scaffold	77109	[T/C]	NA
Ca_Desi_Ch_scaffold00286_77121	Ca_desi_scaffold	77121	[A/G]	NA
Ca_Desi_Ch_scaffold00286_77128	Ca_desi_scaffold	77128	[A/G]	NA
Ca_Desi_Ch_scaffold00286_77131	Ca_desi_scaffold	77131	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00286_77138	Ca_desi_scaffold	77138	[T/G]	NA
Ca_Desi_Ch_scaffold00286_77146	Ca_desi_scaffold	77146	[T/C]	NA
Ca_Desi_Ch_scaffold00286_77148	Ca_desi_scaffold	77148	[T/C]	NA
Ca_Desi_Ch_scaffold00286_77155	Ca_desi_scaffold	77155	[A/G]	NA
Ca_Desi_Ch_scaffold00286_84946	Ca_desi_scaffold	84946	[T/C]	NA
Ca_Desi_Ch_scaffold00286_84971	Ca_desi_scaffold	84971	[T/C]	NA
Ca_Desi_Ch_scaffold00286_84982	Ca_desi_scaffold	84982	[T/G]	NA
Ca_Desi_Ch_scaffold00286_90484	Ca_desi_scaffold	90484	[T/C]	NA
Ca_Desi_Ch_scaffold00286_90533	Ca_desi_scaffold	90533	[A/T]	NA
Ca_Desi_Ch_scaffold00286_131799	Ca_desi_scaffold	131799	[T/C]	NA
Ca_Desi_Ch_scaffold00286_131828	Ca_desi_scaffold	131828	[A/G]	NA
Ca_Desi_Ch_scaffold00286_148134	Ca_desi_scaffold	148134	[T/C]	NA
Ca_Desi_Ch_scaffold00286_148161	Ca_desi_scaffold	148161	[A/G]	NA
Ca_Desi_Ch_scaffold00286_148193	Ca_desi_scaffold	148193	[A/C]	NA
Ca_Desi_Ch_scaffold00286_164254	Ca_desi_scaffold	164254	[T/C]	NA
Ca_Desi_Ch_scaffold00286_164294	Ca_desi_scaffold	164294	[T/G]	NA
Ca_Desi_Ch_scaffold00288_14478	Ca_desi_scaffold	14478	[C/A]	NA
Ca_Desi_Ch_scaffold00288_14480	Ca_desi_scaffold	14480	[A/C]	NA
Ca_Desi_Ch_scaffold00288_14481	Ca_desi_scaffold	14481	[G/T]	NA
Ca_Desi_Ch_scaffold00288_66309	Ca_desi_scaffold	66309	[T/G]	NA
Ca_Desi_Ch_scaffold00288_134339	Ca_desi_scaffold	134339	[T/C]	NA
Ca_Desi_Ch_scaffold00288_135155	Ca_desi_scaffold	135155	[T/C]	NA
Ca_Desi_Ch_scaffold00288_135194	Ca_desi_scaffold	135194	[A/G]	NA
Ca_Desi_Ch_scaffold00288_154666	Ca_desi_scaffold	154666	[A/C]	NA
Ca_Desi_Ch_scaffold00288_164723	Ca_desi_scaffold	164723	[T/G]	NA
Ca_Desi_Ch_scaffold00288_164732	Ca_desi_scaffold	164732	[T/C]	NA
Ca_Desi_Ch_scaffold00288_192960	Ca_desi_scaffold	192960	[T/C]	NA
Ca_Desi_Ch_scaffold00288_192986	Ca_desi_scaffold	192986	[A/G]	NA
Ca_Desi_Ch_scaffold00288_192991	Ca_desi_scaffold	192991	[T/G]	NA
Ca_Desi_Ch_scaffold00288_192998	Ca_desi_scaffold	192998	[A/G]	NA
Ca_Desi_Ch_scaffold00289_134711	Ca_desi_scaffold	134711	[G/C]	NA
Ca_Desi_Ch_scaffold00289_150645	Ca_desi_scaffold	150645	[T/G]	NA
Ca_Desi_Ch_scaffold00289_205258	Ca_desi_scaffold	205258	[T/G]	NA
Ca_Desi_Ch_scaffold00289_205270	Ca_desi_scaffold	205270	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00289_205283	Ca_desi_scaffold	205283	[A/G]	NA
Ca_Desi_Ch_scaffold00290_14598	Ca_desi_scaffold	14598	[A/C]	NA
Ca_Desi_Ch_scaffold00290_67803	Ca_desi_scaffold	67803	[C/T]	NA
Ca_Desi_Ch_scaffold00290_67853	Ca_desi_scaffold	67853	[A/C]	NA
Ca_Desi_Ch_scaffold00290_80656	Ca_desi_scaffold	80656	[A/G]	NA
Ca_Desi_Ch_scaffold00290_80813	Ca_desi_scaffold	80813	[A/G]	NA
Ca_Desi_Ch_scaffold00290_141640	Ca_desi_scaffold	141640	[A/G]	NA
Ca_Desi_Ch_scaffold00290_141652	Ca_desi_scaffold	141652	[A/G]	NA
Ca_Desi_Ch_scaffold00290_141654	Ca_desi_scaffold	141654	[T/C]	NA
Ca_Desi_Ch_scaffold00290_141693	Ca_desi_scaffold	141693	[T/C]	NA
Ca_Desi_Ch_scaffold00290_141764	Ca_desi_scaffold	141764	[G/T]	NA
Ca_Desi_Ch_scaffold00290_141847	Ca_desi_scaffold	141847	[A/T]	NA
Ca_Desi_Ch_scaffold00290_171714	Ca_desi_scaffold	171714	[C/T]	NA
Ca_Desi_Ch_scaffold00290_172098	Ca_desi_scaffold	172098	[C/T]	NA
Ca_Desi_Ch_scaffold00292_11825	Ca_desi_scaffold	11825	[T/G]	NA
Ca_Desi_Ch_scaffold00292_11828	Ca_desi_scaffold	11828	[T/C]	NA
Ca_Desi_Ch_scaffold00292_11831	Ca_desi_scaffold	11831	[A/C]	NA
Ca_Desi_Ch_scaffold00292_11840	Ca_desi_scaffold	11840	[A/C]	NA
Ca_Desi_Ch_scaffold00292_23650	Ca_desi_scaffold	23650	[G/A]	NA
Ca_Desi_Ch_scaffold00292_23656	Ca_desi_scaffold	23656	[T/C]	NA
Ca_Desi_Ch_scaffold00292_23657	Ca_desi_scaffold	23657	[C/A]	NA
Ca_Desi_Ch_scaffold00292_23676	Ca_desi_scaffold	23676	[G/T]	NA
Ca_Desi_Ch_scaffold00292_149633	Ca_desi_scaffold	149633	[A/G]	NA
Ca_Desi_Ch_scaffold00292_158404	Ca_desi_scaffold	158404	[T/A]	NA
Ca_Desi_Ch_scaffold00292_158405	Ca_desi_scaffold	158405	[C/A]	NA
Ca_Desi_Ch_scaffold00292_158406	Ca_desi_scaffold	158406	[T/G]	NA
Ca_Desi_Ch_scaffold00292_207172	Ca_desi_scaffold	207172	[T/A]	NA
Ca_Desi_Ch_scaffold00295_80537	Ca_desi_scaffold	80537	[A/C]	NA
Ca_Desi_Ch_scaffold00295_126770	Ca_desi_scaffold	126770	[T/C]	NA
Ca_Desi_Ch_scaffold00295_126811	Ca_desi_scaffold	126811	[A/C]	NA
Ca_Desi_Ch_scaffold00295_130696	Ca_desi_scaffold	130696	[T/G]	NA
Ca_Desi_Ch_scaffold00295_130703	Ca_desi_scaffold	130703	[T/A]	NA
Ca_Desi_Ch_scaffold00295_132737	Ca_desi_scaffold	132737	[A/C]	NA
Ca_Desi_Ch_scaffold00295_205320	Ca_desi_scaffold	205320	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00295_205330	Ca_desi_scaffold	205330	[A/G]	NA
Ca_Desi_Ch_scaffold00295_205722	Ca_desi_scaffold	205722	[A/G]	NA
Ca_Desi_Ch_scaffold00295_205727	Ca_desi_scaffold	205727	[A/G]	NA
Ca_Desi_Ch_scaffold00295_205743	Ca_desi_scaffold	205743	[A/C]	NA
Ca_Desi_Ch_scaffold00295_205746	Ca_desi_scaffold	205746	[A/C]	NA
Ca_Desi_Ch_scaffold00295_205774	Ca_desi_scaffold	205774	[T/C]	NA
Ca_Desi_Ch_scaffold00295_205776	Ca_desi_scaffold	205776	[A/G]	NA
Ca_Desi_Ch_scaffold00296_78258	Ca_desi_scaffold	78258	[A/C]	NA
Ca_Desi_Ch_scaffold00296_83396	Ca_desi_scaffold	83396	[A/C]	NA
Ca_Desi_Ch_scaffold00296_120048	Ca_desi_scaffold	120048	[T/C]	NA
Ca_Desi_Ch_scaffold00296_120073	Ca_desi_scaffold	120073	[A/T]	NA
Ca_Desi_Ch_scaffold00296_131549	Ca_desi_scaffold	131549	[T/C]	NA
Ca_Desi_Ch_scaffold00296_131550	Ca_desi_scaffold	131550	[A/T]	NA
Ca_Desi_Ch_scaffold00297_4879	Ca_desi_scaffold	4879	[G/A]	NA
Ca_Desi_Ch_scaffold00301_123623	Ca_desi_scaffold	123623	[T/C]	NA
Ca_Desi_Ch_scaffold00301_158237	Ca_desi_scaffold	158237	[A/T]	NA
Ca_Desi_Ch_scaffold00301_158377	Ca_desi_scaffold	158377	[A/C]	NA
Ca_Desi_Ch_scaffold00304_112094	Ca_desi_scaffold	112094	[T/A]	NA
Ca_Desi_Ch_scaffold00304_112102	Ca_desi_scaffold	112102	[T/A]	NA
Ca_Desi_Ch_scaffold00304_112104	Ca_desi_scaffold	112104	[G/A]	NA
Ca_Desi_Ch_scaffold00304_112106	Ca_desi_scaffold	112106	[T/A]	NA
Ca_Desi_Ch_scaffold00304_195202	Ca_desi_scaffold	195202	[T/A]	NA
Ca_Desi_Ch_scaffold00304_195207	Ca_desi_scaffold	195207	[A/C]	NA
Ca_Desi_Ch_scaffold00304_195215	Ca_desi_scaffold	195215	[T/A]	NA
Ca_Desi_Ch_scaffold00305_2888	Ca_desi_scaffold	2888	[A/C]	NA
Ca_Desi_Ch_scaffold00305_37162	Ca_desi_scaffold	37162	[G/T]	NA
Ca_Desi_Ch_scaffold00305_63530	Ca_desi_scaffold	63530	[T/G]	NA
Ca_Desi_Ch_scaffold00305_112106	Ca_desi_scaffold	112106	[A/C]	NA
Ca_Desi_Ch_scaffold00305_119190	Ca_desi_scaffold	119190	[C/T]	NA
Ca_Desi_Ch_scaffold00305_119211	Ca_desi_scaffold	119211	[G/A]	NA
Ca_Desi_Ch_scaffold00305_124717	Ca_desi_scaffold	124717	[T/A]	NA
Ca_Desi_Ch_scaffold00305_124741	Ca_desi_scaffold	124741	[A/G]	NA
Ca_Desi_Ch_scaffold00305_124750	Ca_desi_scaffold	124750	[A/C]	NA
Ca_Desi_Ch_scaffold00305_139930	Ca_desi_scaffold	139930	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00305_139950	Ca_desig_scaffold	139950	[A/C]	NA
Ca_DesigChr_scaffold00305_148990	Ca_desig_scaffold	148990	[G/A]	NA
Ca_DesigChr_scaffold00305_165210	Ca_desig_scaffold	165210	[T/G]	NA
Ca_DesigChr_scaffold00305_165212	Ca_desig_scaffold	165212	[T/C]	NA
Ca_DesigChr_scaffold00305_165220	Ca_desig_scaffold	165220	[A/C]	NA
Ca_DesigChr_scaffold00305_165237	Ca_desig_scaffold	165237	[T/A]	NA
Ca_DesigChr_scaffold00305_184617	Ca_desig_scaffold	184617	[A/C]	NA
Ca_DesigChr_scaffold00305_186878	Ca_desig_scaffold	186878	[T/C]	NA
Ca_DesigChr_scaffold00305_186909	Ca_desig_scaffold	186909	[A/G]	NA
Ca_DesigChr_scaffold00305_186914	Ca_desig_scaffold	186914	[A/G]	NA
Ca_DesigChr_scaffold00307_80599	Ca_desig_scaffold	80599	[T/G]	NA
Ca_DesigChr_scaffold00308_12985	Ca_desig_scaffold	12985	[T/C]	NA
Ca_DesigChr_scaffold00308_45849	Ca_desig_scaffold	45849	[A/G]	NA
Ca_DesigChr_scaffold00308_45873	Ca_desig_scaffold	45873	[T/A]	NA
Ca_DesigChr_scaffold00308_48197	Ca_desig_scaffold	48197	[G/A]	NA
Ca_DesigChr_scaffold00308_49181	Ca_desig_scaffold	49181	[A/C]	NA
Ca_DesigChr_scaffold00308_49189	Ca_desig_scaffold	49189	[A/C]	NA
Ca_DesigChr_scaffold00310_65823	Ca_desig_scaffold	65823	[T/C]	NA
Ca_DesigChr_scaffold00310_65838	Ca_desig_scaffold	65838	[T/C]	NA
Ca_DesigChr_scaffold00310_65840	Ca_desig_scaffold	65840	[A/G]	NA
Ca_DesigChr_scaffold00310_65846	Ca_desig_scaffold	65846	[T/C]	NA
Ca_DesigChr_scaffold00310_65857	Ca_desig_scaffold	65857	[A/G]	NA
Ca_DesigChr_scaffold00310_65860	Ca_desig_scaffold	65860	[T/A]	NA
Ca_DesigChr_scaffold00312_8720	Ca_desig_scaffold	8720	[T/G]	NA
Ca_DesigChr_scaffold00312_8776	Ca_desig_scaffold	8776	[A/T]	NA
Ca_DesigChr_scaffold00316_12767	Ca_desig_scaffold	12767	[A/C]	NA
Ca_DesigChr_scaffold00316_56159	Ca_desig_scaffold	56159	[T/G]	NA
Ca_DesigChr_scaffold00316_72296	Ca_desig_scaffold	72296	[A/C]	NA
Ca_DesigChr_scaffold00316_72309	Ca_desig_scaffold	72309	[T/C]	NA
Ca_DesigChr_scaffold00316_92856	Ca_desig_scaffold	92856	[T/G]	NA
Ca_DesigChr_scaffold00316_108816	Ca_desig_scaffold	108816	[A/C]	NA
Ca_DesigChr_scaffold00316_115704	Ca_desig_scaffold	115704	[C/T]	NA
Ca_DesigChr_scaffold00316_147456	Ca_desig_scaffold	147456	[T/C]	NA
Ca_DesigChr_scaffold00316_167346	Ca_desig_scaffold	167346	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00321_101721	Ca_desig_scaffold	101721	[A/C]	NA
Ca_DesigChr_scaffold00321_135259	Ca_desig_scaffold	135259	[T/C]	NA
Ca_DesigChr_scaffold00321_135288	Ca_desig_scaffold	135288	[G/A]	NA
Ca_DesigChr_scaffold00321_135290	Ca_desig_scaffold	135290	[T/G]	NA
Ca_DesigChr_scaffold00321_135292	Ca_desig_scaffold	135292	[T/G]	NA
Ca_DesigChr_scaffold00321_135294	Ca_desig_scaffold	135294	[T/G]	NA
Ca_DesigChr_scaffold00321_167100	Ca_desig_scaffold	167100	[T/C]	NA
Ca_DesigChr_scaffold00321_172570	Ca_desig_scaffold	172570	[G/C]	NA
Ca_DesigChr_scaffold00321_172587	Ca_desig_scaffold	172587	[A/C]	NA
Ca_DesigChr_scaffold00321_172596	Ca_desig_scaffold	172596	[A/G]	NA
Ca_DesigChr_scaffold00321_172597	Ca_desig_scaffold	172597	[A/G]	NA
Ca_DesigChr_scaffold00321_172599	Ca_desig_scaffold	172599	[A/C]	NA
Ca_DesigChr_scaffold00321_172601	Ca_desig_scaffold	172601	[A/C]	NA
Ca_DesigChr_scaffold00321_172612	Ca_desig_scaffold	172612	[A/G]	NA
Ca_DesigChr_scaffold00321_172614	Ca_desig_scaffold	172614	[A/G]	NA
Ca_DesigChr_scaffold00321_172619	Ca_desig_scaffold	172619	[A/G]	NA
Ca_DesigChr_scaffold00321_172655	Ca_desig_scaffold	172655	[A/C]	NA
Ca_DesigChr_scaffold00321_172661	Ca_desig_scaffold	172661	[A/G]	NA
Ca_DesigChr_scaffold00321_172664	Ca_desig_scaffold	172664	[T/C]	NA
Ca_DesigChr_scaffold00321_172669	Ca_desig_scaffold	172669	[T/C]	NA
Ca_DesigChr_scaffold00321_172670	Ca_desig_scaffold	172670	[C/T]	NA
Ca_DesigChr_scaffold00321_172682	Ca_desig_scaffold	172682	[A/G]	NA
Ca_DesigChr_scaffold00321_172691	Ca_desig_scaffold	172691	[A/T]	NA
Ca_DesigChr_scaffold00321_172704	Ca_desig_scaffold	172704	[T/G]	NA
Ca_DesigChr_scaffold00321_181281	Ca_desig_scaffold	181281	[T/G]	NA
Ca_DesigChr_scaffold00321_182700	Ca_desig_scaffold	182700	[T/G]	NA
Ca_DesigChr_scaffold00322_56984	Ca_desig_scaffold	56984	[T/C]	NA
Ca_DesigChr_scaffold00322_56985	Ca_desig_scaffold	56985	[A/T]	NA
Ca_DesigChr_scaffold00322_57008	Ca_desig_scaffold	57008	[A/C]	NA
Ca_DesigChr_scaffold00322_80673	Ca_desig_scaffold	80673	[A/C]	NA
Ca_DesigChr_scaffold00322_80702	Ca_desig_scaffold	80702	[G/T]	NA
Ca_DesigChr_scaffold00322_80705	Ca_desig_scaffold	80705	[C/G]	NA
Ca_DesigChr_scaffold00322_80706	Ca_desig_scaffold	80706	[G/C]	NA
Ca_DesigChr_scaffold00322_80709	Ca_desig_scaffold	80709	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold00322_80710	Ca_desi_scaffold	80710	[A/C]	NA
Ca_Desi_Chromosome_scaffold00322_93543	Ca_desi_scaffold	93543	[A/T]	NA
Ca_Desi_Chromosome_scaffold00322_93579	Ca_desi_scaffold	93579	[T/G]	NA
Ca_Desi_Chromosome_scaffold00322_117138	Ca_desi_scaffold	117138	[T/C]	NA
Ca_Desi_Chromosome_scaffold00325_9549	Ca_desi_scaffold	9549	[T/G]	NA
Ca_Desi_Chromosome_scaffold00325_10653	Ca_desi_scaffold	10653	[A/T]	NA
Ca_Desi_Chromosome_scaffold00325_10654	Ca_desi_scaffold	10654	[T/C]	NA
Ca_Desi_Chromosome_scaffold00325_10655	Ca_desi_scaffold	10655	[G/T]	NA
Ca_Desi_Chromosome_scaffold00327_40910	Ca_desi_scaffold	40910	[A/G]	NA
Ca_Desi_Chromosome_scaffold00327_42516	Ca_desi_scaffold	42516	[T/A]	NA
Ca_Desi_Chromosome_scaffold00327_44515	Ca_desi_scaffold	44515	[A/G]	NA
Ca_Desi_Chromosome_scaffold00327_75686	Ca_desi_scaffold	75686	[A/T]	NA
Ca_Desi_Chromosome_scaffold00327_75695	Ca_desi_scaffold	75695	[A/G]	NA
Ca_Desi_Chromosome_scaffold00327_75706	Ca_desi_scaffold	75706	[A/C]	NA
Ca_Desi_Chromosome_scaffold00327_75722	Ca_desi_scaffold	75722	[T/C]	NA
Ca_Desi_Chromosome_scaffold00327_75729	Ca_desi_scaffold	75729	[A/G]	NA
Ca_Desi_Chromosome_scaffold00327_75731	Ca_desi_scaffold	75731	[A/G]	NA
Ca_Desi_Chromosome_scaffold00327_75733	Ca_desi_scaffold	75733	[G/C]	NA
Ca_Desi_Chromosome_scaffold00327_75734	Ca_desi_scaffold	75734	[T/C]	NA
Ca_Desi_Chromosome_scaffold00327_75742	Ca_desi_scaffold	75742	[C/G]	NA
Ca_Desi_Chromosome_scaffold00327_75745	Ca_desi_scaffold	75745	[G/A]	NA
Ca_Desi_Chromosome_scaffold00327_75746	Ca_desi_scaffold	75746	[G/A]	NA
Ca_Desi_Chromosome_scaffold00327_75747	Ca_desi_scaffold	75747	[C/A]	NA
Ca_Desi_Chromosome_scaffold00327_75748	Ca_desi_scaffold	75748	[T/C]	NA
Ca_Desi_Chromosome_scaffold00327_106744	Ca_desi_scaffold	106744	[A/T]	NA
Ca_Desi_Chromosome_scaffold00327_106760	Ca_desi_scaffold	106760	[G/A]	NA
Ca_Desi_Chromosome_scaffold00327_106782	Ca_desi_scaffold	106782	[A/G]	NA
Ca_Desi_Chromosome_scaffold00327_106805	Ca_desi_scaffold	106805	[T/C]	NA
Ca_Desi_Chromosome_scaffold00327_109872	Ca_desi_scaffold	109872	[A/C]	NA
Ca_Desi_Chromosome_scaffold00327_112403	Ca_desi_scaffold	112403	[G/C]	NA
Ca_Desi_Chromosome_scaffold00327_112405	Ca_desi_scaffold	112405	[T/G]	NA
Ca_Desi_Chromosome_scaffold00327_121084	Ca_desi_scaffold	121084	[A/C]	NA
Ca_Desi_Chromosome_scaffold00327_121102	Ca_desi_scaffold	121102	[T/C]	NA
Ca_Desi_Chromosome_scaffold00330_3148	Ca_desi_scaffold	3148	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00330_31237	Ca_desi_scaffold	31237	[T/G]	NA
Ca_Desi_Ch_scaffold00330_31255	Ca_desi_scaffold	31255	[A/G]	NA
Ca_Desi_Ch_scaffold00331_47816	Ca_desi_scaffold	47816	[A/G]	NA
Ca_Desi_Ch_scaffold00331_52242	Ca_desi_scaffold	52242	[T/A]	NA
Ca_Desi_Ch_scaffold00331_81369	Ca_desi_scaffold	81369	[T/C]	NA
Ca_Desi_Ch_scaffold00331_82085	Ca_desi_scaffold	82085	[G/T]	NA
Ca_Desi_Ch_scaffold00331_82087	Ca_desi_scaffold	82087	[G/T]	NA
Ca_Desi_Ch_scaffold00331_82108	Ca_desi_scaffold	82108	[A/C]	NA
Ca_Desi_Ch_scaffold00331_87006	Ca_desi_scaffold	87006	[A/G]	NA
Ca_Desi_Ch_scaffold00331_87032	Ca_desi_scaffold	87032	[A/G]	NA
Ca_Desi_Ch_scaffold00331_87052	Ca_desi_scaffold	87052	[A/G]	NA
Ca_Desi_Ch_scaffold00331_96512	Ca_desi_scaffold	96512	[A/C]	NA
Ca_Desi_Ch_scaffold00331_97307	Ca_desi_scaffold	97307	[A/T]	NA
Ca_Desi_Ch_scaffold00331_97308	Ca_desi_scaffold	97308	[T/C]	NA
Ca_Desi_Ch_scaffold00331_97309	Ca_desi_scaffold	97309	[G/T]	NA
Ca_Desi_Ch_scaffold00331_97359	Ca_desi_scaffold	97359	[C/A]	NA
Ca_Desi_Ch_scaffold00331_108675	Ca_desi_scaffold	108675	[A/C]	NA
Ca_Desi_Ch_scaffold00331_108699	Ca_desi_scaffold	108699	[C/T]	NA
Ca_Desi_Ch_scaffold00331_108727	Ca_desi_scaffold	108727	[T/A]	NA
Ca_Desi_Ch_scaffold00331_108758	Ca_desi_scaffold	108758	[C/T]	NA
Ca_Desi_Ch_scaffold00331_111796	Ca_desi_scaffold	111796	[A/T]	NA
Ca_Desi_Ch_scaffold00331_111820	Ca_desi_scaffold	111820	[G/T]	NA
Ca_Desi_Ch_scaffold00331_116816	Ca_desi_scaffold	116816	[A/G]	NA
Ca_Desi_Ch_scaffold00331_123281	Ca_desi_scaffold	123281	[C/T]	NA
Ca_Desi_Ch_scaffold00331_170910	Ca_desi_scaffold	170910	[A/C]	NA
Ca_Desi_Ch_scaffold00331_173679	Ca_desi_scaffold	173679	[G/A]	NA
Ca_Desi_Ch_scaffold00331_180895	Ca_desi_scaffold	180895	[C/T]	NA
Ca_Desi_Ch_scaffold00331_181554	Ca_desi_scaffold	181554	[C/A]	NA
Ca_Desi_Ch_scaffold00331_181642	Ca_desi_scaffold	181642	[C/T]	NA
Ca_Desi_Ch_scaffold00331_181654	Ca_desi_scaffold	181654	[A/C]	NA
Ca_Desi_Ch_scaffold00331_181674	Ca_desi_scaffold	181674	[T/A]	NA
Ca_Desi_Ch_scaffold00331_184588	Ca_desi_scaffold	184588	[C/G]	NA
Ca_Desi_Ch_scaffold00331_184631	Ca_desi_scaffold	184631	[T/C]	NA
Ca_Desi_Ch_scaffold00331_184647	Ca_desi_scaffold	184647	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00331_184669	Ca_desig_scaffold	184669	[A/G]	NA
Ca_Desig_Chr_scaffold00331_184677	Ca_desig_scaffold	184677	[A/C]	NA
Ca_Desig_Chr_scaffold00331_184681	Ca_desig_scaffold	184681	[C/A]	NA
Ca_Desig_Chr_scaffold00331_184734	Ca_desig_scaffold	184734	[G/C]	NA
Ca_Desig_Chr_scaffold00331_185387	Ca_desig_scaffold	185387	[A/G]	NA
Ca_Desig_Chr_scaffold00331_185465	Ca_desig_scaffold	185465	[C/T]	NA
Ca_Desig_Chr_scaffold00331_185726	Ca_desig_scaffold	185726	[A/G]	NA
Ca_Desig_Chr_scaffold00331_185765	Ca_desig_scaffold	185765	[T/G]	NA
Ca_Desig_Chr_scaffold00331_186127	Ca_desig_scaffold	186127	[A/C]	NA
Ca_Desig_Chr_scaffold00332_25821	Ca_desig_scaffold	25821	[T/G]	NA
Ca_Desig_Chr_scaffold00332_50912	Ca_desig_scaffold	50912	[T/G]	NA
Ca_Desig_Chr_scaffold00332_50982	Ca_desig_scaffold	50982	[A/C]	NA
Ca_Desig_Chr_scaffold00332_51099	Ca_desig_scaffold	51099	[T/G]	NA
Ca_Desig_Chr_scaffold00332_87122	Ca_desig_scaffold	87122	[G/A]	NA
Ca_Desig_Chr_scaffold00332_87125	Ca_desig_scaffold	87125	[G/A]	NA
Ca_Desig_Chr_scaffold00332_87127	Ca_desig_scaffold	87127	[T/C]	NA
Ca_Desig_Chr_scaffold00332_87130	Ca_desig_scaffold	87130	[A/C]	NA
Ca_Desig_Chr_scaffold00332_96231	Ca_desig_scaffold	96231	[T/C]	NA
Ca_Desig_Chr_scaffold00332_129501	Ca_desig_scaffold	129501	[G/A]	NA
Ca_Desig_Chr_scaffold00332_135205	Ca_desig_scaffold	135205	[A/G]	NA
Ca_Desig_Chr_scaffold00332_174353	Ca_desig_scaffold	174353	[A/G]	NA
Ca_Desig_Chr_scaffold00332_174370	Ca_desig_scaffold	174370	[A/G]	NA
Ca_Desig_Chr_scaffold00332_174378	Ca_desig_scaffold	174378	[A/G]	NA
Ca_Desig_Chr_scaffold00332_186650	Ca_desig_scaffold	186650	[T/C]	NA
Ca_Desig_Chr_scaffold00332_193779	Ca_desig_scaffold	193779	[A/C]	NA
Ca_Desig_Chr_scaffold00335_57019	Ca_desig_scaffold	57019	[A/C]	NA
Ca_Desig_Chr_scaffold00335_57023	Ca_desig_scaffold	57023	[A/C]	NA
Ca_Desig_Chr_scaffold00335_129825	Ca_desig_scaffold	129825	[T/A]	NA
Ca_Desig_Chr_scaffold00335_129831	Ca_desig_scaffold	129831	[T/A]	NA
Ca_Desig_Chr_scaffold00335_129886	Ca_desig_scaffold	129886	[T/C]	NA
Ca_Desig_Chr_scaffold00335_129892	Ca_desig_scaffold	129892	[A/G]	NA
Ca_Desig_Chr_scaffold00335_129937	Ca_desig_scaffold	129937	[T/G]	NA
Ca_Desig_Chr_scaffold00337_43364	Ca_desig_scaffold	43364	[A/C]	NA
Ca_Desig_Chr_scaffold00337_43932	Ca_desig_scaffold	43932	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00337_43937	Ca_desig_scaffold	43937	[T/C]	NA
Ca_Desig_Chr_scaffold00337_43943	Ca_desig_scaffold	43943	[C/T]	NA
Ca_Desig_Chr_scaffold00337_43950	Ca_desig_scaffold	43950	[A/G]	NA
Ca_Desig_Chr_scaffold00337_43960	Ca_desig_scaffold	43960	[T/C]	NA
Ca_Desig_Chr_scaffold00337_48694	Ca_desig_scaffold	48694	[G/T]	NA
Ca_Desig_Chr_scaffold00337_49937	Ca_desig_scaffold	49937	[A/C]	NA
Ca_Desig_Chr_scaffold00337_49938	Ca_desig_scaffold	49938	[C/T]	NA
Ca_Desig_Chr_scaffold00337_50101	Ca_desig_scaffold	50101	[T/C]	NA
Ca_Desig_Chr_scaffold00337_50180	Ca_desig_scaffold	50180	[A/C]	NA
Ca_Desig_Chr_scaffold00337_55298	Ca_desig_scaffold	55298	[A/T]	NA
Ca_Desig_Chr_scaffold00337_55320	Ca_desig_scaffold	55320	[A/G]	NA
Ca_Desig_Chr_scaffold00337_65388	Ca_desig_scaffold	65388	[T/C]	NA
Ca_Desig_Chr_scaffold00337_65398	Ca_desig_scaffold	65398	[T/A]	NA
Ca_Desig_Chr_scaffold00337_88157	Ca_desig_scaffold	88157	[T/C]	NA
Ca_Desig_Chr_scaffold00337_88207	Ca_desig_scaffold	88207	[T/C]	NA
Ca_Desig_Chr_scaffold00337_88209	Ca_desig_scaffold	88209	[A/C]	NA
Ca_Desig_Chr_scaffold00337_88224	Ca_desig_scaffold	88224	[A/C]	NA
Ca_Desig_Chr_scaffold00337_88227	Ca_desig_scaffold	88227	[A/C]	NA
Ca_Desig_Chr_scaffold00337_88230	Ca_desig_scaffold	88230	[A/T]	NA
Ca_Desig_Chr_scaffold00337_109353	Ca_desig_scaffold	109353	[A/G]	NA
Ca_Desig_Chr_scaffold00337_125899	Ca_desig_scaffold	125899	[T/C]	NA
Ca_Desig_Chr_scaffold00337_157094	Ca_desig_scaffold	157094	[A/C]	NA
Ca_Desig_Chr_scaffold00341_32675	Ca_desig_scaffold	32675	[A/G]	NA
Ca_Desig_Chr_scaffold00341_32686	Ca_desig_scaffold	32686	[A/C]	NA
Ca_Desig_Chr_scaffold00341_32698	Ca_desig_scaffold	32698	[A/C]	NA
Ca_Desig_Chr_scaffold00341_32701	Ca_desig_scaffold	32701	[A/C]	NA
Ca_Desig_Chr_scaffold00341_116173	Ca_desig_scaffold	116173	[T/C]	NA
Ca_Desig_Chr_scaffold00341_116177	Ca_desig_scaffold	116177	[A/C]	NA
Ca_Desig_Chr_scaffold00341_116185	Ca_desig_scaffold	116185	[T/C]	NA
Ca_Desig_Chr_scaffold00341_116194	Ca_desig_scaffold	116194	[A/G]	NA
Ca_Desig_Chr_scaffold00341_116221	Ca_desig_scaffold	116221	[T/C]	NA
Ca_Desig_Chr_scaffold00341_116226	Ca_desig_scaffold	116226	[T/C]	NA
Ca_Desig_Chr_scaffold00341_184232	Ca_desig_scaffold	184232	[A/G]	NA
Ca_Desig_Chr_scaffold00341_184237	Ca_desig_scaffold	184237	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00341_184244	Ca_desig_scaffold	184244	[T/C]	NA
Ca_Desig_Chr_scaffold00341_184262	Ca_desig_scaffold	184262	[C/A]	NA
Ca_Desig_Chr_scaffold00341_184268	Ca_desig_scaffold	184268	[T/C]	NA
Ca_Desig_Chr_scaffold00342_91800	Ca_desig_scaffold	91800	[G/A]	NA
Ca_Desig_Chr_scaffold00343_50032	Ca_desig_scaffold	50032	[A/C]	NA
Ca_Desig_Chr_scaffold00343_50038	Ca_desig_scaffold	50038	[A/C]	NA
Ca_Desig_Chr_scaffold00343_155693	Ca_desig_scaffold	155693	[T/G]	NA
Ca_Desig_Chr_scaffold00346_133897	Ca_desig_scaffold	133897	[A/G]	NA
Ca_Desig_Chr_scaffold00346_133971	Ca_desig_scaffold	133971	[C/A]	NA
Ca_Desig_Chr_scaffold00346_134074	Ca_desig_scaffold	134074	[T/C]	NA
Ca_Desig_Chr_scaffold00346_134078	Ca_desig_scaffold	134078	[G/T]	NA
Ca_Desig_Chr_scaffold00347_38132	Ca_desig_scaffold	38132	[A/G]	NA
Ca_Desig_Chr_scaffold00347_38133	Ca_desig_scaffold	38133	[C/T]	NA
Ca_Desig_Chr_scaffold00347_38134	Ca_desig_scaffold	38134	[C/A]	NA
Ca_Desig_Chr_scaffold00347_77413	Ca_desig_scaffold	77413	[C/G]	NA
Ca_Desig_Chr_scaffold00347_77414	Ca_desig_scaffold	77414	[T/A]	NA
Ca_Desig_Chr_scaffold00347_146601	Ca_desig_scaffold	146601	[C/A]	NA
Ca_Desig_Chr_scaffold00347_146602	Ca_desig_scaffold	146602	[T/G]	NA
Ca_Desig_Chr_scaffold00347_169966	Ca_desig_scaffold	169966	[A/C]	NA
Ca_Desig_Chr_scaffold00347_170012	Ca_desig_scaffold	170012	[A/G]	NA
Ca_Desig_Chr_scaffold00347_170030	Ca_desig_scaffold	170030	[A/G]	NA
Ca_Desig_Chr_scaffold00347_170035	Ca_desig_scaffold	170035	[T/G]	NA
Ca_Desig_Chr_scaffold00347_170054	Ca_desig_scaffold	170054	[A/C]	NA
Ca_Desig_Chr_scaffold00347_179005	Ca_desig_scaffold	179005	[T/A]	NA
Ca_Desig_Chr_scaffold00348_90424	Ca_desig_scaffold	90424	[T/C]	NA
Ca_Desig_Chr_scaffold00348_142955	Ca_desig_scaffold	142955	[A/G]	NA
Ca_Desig_Chr_scaffold00348_142982	Ca_desig_scaffold	142982	[A/G]	NA
Ca_Desig_Chr_scaffold00348_143514	Ca_desig_scaffold	143514	[A/C]	NA
Ca_Desig_Chr_scaffold00348_143570	Ca_desig_scaffold	143570	[T/C]	NA
Ca_Desig_Chr_scaffold00348_169105	Ca_desig_scaffold	169105	[A/C]	NA
Ca_Desig_Chr_scaffold00348_175759	Ca_desig_scaffold	175759	[T/G]	NA
Ca_Desig_Chr_scaffold00348_175784	Ca_desig_scaffold	175784	[T/G]	NA
Ca_Desig_Chr_scaffold00351_37509	Ca_desig_scaffold	37509	[T/G]	NA
Ca_Desig_Chr_scaffold00351_37607	Ca_desig_scaffold	37607	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00351_37631	Ca_desig_scaffold	37631	[T/G]	NA
Ca_Desig_Chr_scaffold00352_81178	Ca_desig_scaffold	81178	[A/G]	NA
Ca_Desig_Chr_scaffold00352_81197	Ca_desig_scaffold	81197	[A/G]	NA
Ca_Desig_Chr_scaffold00352_81207	Ca_desig_scaffold	81207	[T/C]	NA
Ca_Desig_Chr_scaffold00352_81209	Ca_desig_scaffold	81209	[T/C]	NA
Ca_Desig_Chr_scaffold00352_81215	Ca_desig_scaffold	81215	[T/G]	NA
Ca_Desig_Chr_scaffold00352_81235	Ca_desig_scaffold	81235	[T/C]	NA
Ca_Desig_Chr_scaffold00352_91717	Ca_desig_scaffold	91717	[T/C]	NA
Ca_Desig_Chr_scaffold00352_91724	Ca_desig_scaffold	91724	[T/C]	NA
Ca_Desig_Chr_scaffold00352_91726	Ca_desig_scaffold	91726	[T/C]	NA
Ca_Desig_Chr_scaffold00352_91736	Ca_desig_scaffold	91736	[T/C]	NA
Ca_Desig_Chr_scaffold00352_91738	Ca_desig_scaffold	91738	[A/G]	NA
Ca_Desig_Chr_scaffold00352_91743	Ca_desig_scaffold	91743	[A/G]	NA
Ca_Desig_Chr_scaffold00352_91745	Ca_desig_scaffold	91745	[T/C]	NA
Ca_Desig_Chr_scaffold00352_91756	Ca_desig_scaffold	91756	[T/C]	NA
Ca_Desig_Chr_scaffold00352_91763	Ca_desig_scaffold	91763	[C/G]	NA
Ca_Desig_Chr_scaffold00352_145363	Ca_desig_scaffold	145363	[C/A]	NA
Ca_Desig_Chr_scaffold00352_145364	Ca_desig_scaffold	145364	[A/G]	NA
Ca_Desig_Chr_scaffold00352_148023	Ca_desig_scaffold	148023	[A/T]	NA
Ca_Desig_Chr_scaffold00352_148032	Ca_desig_scaffold	148032	[C/A]	NA
Ca_Desig_Chr_scaffold00352_148037	Ca_desig_scaffold	148037	[A/G]	NA
Ca_Desig_Chr_scaffold00352_148065	Ca_desig_scaffold	148065	[T/C]	NA
Ca_Desig_Chr_scaffold00352_148067	Ca_desig_scaffold	148067	[C/T]	NA
Ca_Desig_Chr_scaffold00352_148072	Ca_desig_scaffold	148072	[T/C]	NA
Ca_Desig_Chr_scaffold00352_148073	Ca_desig_scaffold	148073	[T/C]	NA
Ca_Desig_Chr_scaffold00352_148081	Ca_desig_scaffold	148081	[T/C]	NA
Ca_Desig_Chr_scaffold00352_148690	Ca_desig_scaffold	148690	[A/G]	NA
Ca_Desig_Chr_scaffold00352_148698	Ca_desig_scaffold	148698	[T/G]	NA
Ca_Desig_Chr_scaffold00352_148716	Ca_desig_scaffold	148716	[A/G]	NA
Ca_Desig_Chr_scaffold00352_148722	Ca_desig_scaffold	148722	[A/G]	NA
Ca_Desig_Chr_scaffold00352_148731	Ca_desig_scaffold	148731	[A/G]	NA
Ca_Desig_Chr_scaffold00352_148734	Ca_desig_scaffold	148734	[A/G]	NA
Ca_Desig_Chr_scaffold00352_156339	Ca_desig_scaffold	156339	[G/A]	NA
Ca_Desig_Chr_scaffold00352_156342	Ca_desig_scaffold	156342	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00352_184765	Ca_desi_scaffold	184765	[A/G]	NA
Ca_Desi_Ch_scaffold00352_184780	Ca_desi_scaffold	184780	[T/C]	NA
Ca_Desi_Ch_scaffold00352_184796	Ca_desi_scaffold	184796	[A/G]	NA
Ca_Desi_Ch_scaffold00352_184801	Ca_desi_scaffold	184801	[T/G]	NA
Ca_Desi_Ch_scaffold00352_184822	Ca_desi_scaffold	184822	[A/G]	NA
Ca_Desi_Ch_scaffold00352_184827	Ca_desi_scaffold	184827	[A/G]	NA
Ca_Desi_Ch_scaffold00352_186531	Ca_desi_scaffold	186531	[A/C]	NA
Ca_Desi_Ch_scaffold00352_186533	Ca_desi_scaffold	186533	[A/C]	NA
Ca_Desi_Ch_scaffold00352_186574	Ca_desi_scaffold	186574	[T/C]	NA
Ca_Desi_Ch_scaffold00352_186593	Ca_desi_scaffold	186593	[T/C]	NA
Ca_Desi_Ch_scaffold00355_20349	Ca_desi_scaffold	20349	[T/A]	NA
Ca_Desi_Ch_scaffold00355_24275	Ca_desi_scaffold	24275	[G/A]	NA
Ca_Desi_Ch_scaffold00355_24276	Ca_desi_scaffold	24276	[A/T]	NA
Ca_Desi_Ch_scaffold00355_24277	Ca_desi_scaffold	24277	[A/C]	NA
Ca_Desi_Ch_scaffold00355_24278	Ca_desi_scaffold	24278	[G/T]	NA
Ca_Desi_Ch_scaffold00355_57652	Ca_desi_scaffold	57652	[C/A]	NA
Ca_Desi_Ch_scaffold00357_16769	Ca_desi_scaffold	16769	[A/C]	NA
Ca_Desi_Ch_scaffold00357_16770	Ca_desi_scaffold	16770	[G/C]	NA
Ca_Desi_Ch_scaffold00357_16771	Ca_desi_scaffold	16771	[A/G]	NA
Ca_Desi_Ch_scaffold00357_16772	Ca_desi_scaffold	16772	[T/A]	NA
Ca_Desi_Ch_scaffold00357_66309	Ca_desi_scaffold	66309	[A/G]	NA
Ca_Desi_Ch_scaffold00357_127716	Ca_desi_scaffold	127716	[A/G]	NA
Ca_Desi_Ch_scaffold00358_4113	Ca_desi_scaffold	4113	[T/C]	NA
Ca_Desi_Ch_scaffold00358_4156	Ca_desi_scaffold	4156	[A/C]	NA
Ca_Desi_Ch_scaffold00358_54059	Ca_desi_scaffold	54059	[A/T]	NA
Ca_Desi_Ch_scaffold00358_54060	Ca_desi_scaffold	54060	[C/T]	NA
Ca_Desi_Ch_scaffold00358_59936	Ca_desi_scaffold	59936	[A/G]	NA
Ca_Desi_Ch_scaffold00358_59939	Ca_desi_scaffold	59939	[T/G]	NA
Ca_Desi_Ch_scaffold00358_59941	Ca_desi_scaffold	59941	[A/G]	NA
Ca_Desi_Ch_scaffold00358_84609	Ca_desi_scaffold	84609	[A/G]	NA
Ca_Desi_Ch_scaffold00358_87034	Ca_desi_scaffold	87034	[T/G]	NA
Ca_Desi_Ch_scaffold00358_87048	Ca_desi_scaffold	87048	[A/G]	NA
Ca_Desi_Ch_scaffold00358_87076	Ca_desi_scaffold	87076	[A/G]	NA
Ca_Desi_Ch_scaffold00358_87142	Ca_desi_scaffold	87142	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_scaffold00358_119510	Ca_desi_scaffold	119510	[T/G]	NA
Ca_Desi_Chrom_scaffold00358_152834	Ca_desi_scaffold	152834	[A/G]	NA
Ca_Desi_Chrom_scaffold00358_166943	Ca_desi_scaffold	166943	[T/A]	NA
Ca_Desi_Chrom_scaffold00358_166965	Ca_desi_scaffold	166965	[T/A]	NA
Ca_Desi_Chrom_scaffold00358_167008	Ca_desi_scaffold	167008	[A/C]	NA
Ca_Desi_Chrom_scaffold00358_167029	Ca_desi_scaffold	167029	[A/G]	NA
Ca_Desi_Chrom_scaffold00358_168974	Ca_desi_scaffold	168974	[T/C]	NA
Ca_Desi_Chrom_scaffold00360_23311	Ca_desi_scaffold	23311	[T/G]	NA
Ca_Desi_Chrom_scaffold00360_152629	Ca_desi_scaffold	152629	[A/G]	NA
Ca_Desi_Chrom_scaffold00360_154557	Ca_desi_scaffold	154557	[C/A]	NA
Ca_Desi_Chrom_scaffold00360_154558	Ca_desi_scaffold	154558	[T/G]	NA
Ca_Desi_Chrom_scaffold00360_169244	Ca_desi_scaffold	169244	[A/G]	NA
Ca_Desi_Chrom_scaffold00360_169328	Ca_desi_scaffold	169328	[T/C]	NA
Ca_Desi_Chrom_scaffold00360_169365	Ca_desi_scaffold	169365	[A/C]	NA
Ca_Desi_Chrom_scaffold00360_169408	Ca_desi_scaffold	169408	[G/A]	NA
Ca_Desi_Chrom_scaffold00360_170399	Ca_desi_scaffold	170399	[A/C]	NA
Ca_Desi_Chrom_scaffold00360_170411	Ca_desi_scaffold	170411	[T/A]	NA
Ca_Desi_Chrom_scaffold00360_170429	Ca_desi_scaffold	170429	[A/G]	NA
Ca_Desi_Chrom_scaffold00360_170431	Ca_desi_scaffold	170431	[T/C]	NA
Ca_Desi_Chrom_scaffold00360_170442	Ca_desi_scaffold	170442	[A/G]	NA
Ca_Desi_Chrom_scaffold00360_170450	Ca_desi_scaffold	170450	[T/G]	NA
Ca_Desi_Chrom_scaffold00360_173971	Ca_desi_scaffold	173971	[A/T]	NA
Ca_Desi_Chrom_scaffold00360_173994	Ca_desi_scaffold	173994	[T/C]	NA
Ca_Desi_Chrom_scaffold00360_174001	Ca_desi_scaffold	174001	[A/G]	NA
Ca_Desi_Chrom_scaffold00360_174012	Ca_desi_scaffold	174012	[T/G]	NA
Ca_Desi_Chrom_scaffold00360_174024	Ca_desi_scaffold	174024	[T/C]	NA
Ca_Desi_Chrom_scaffold00360_175256	Ca_desi_scaffold	175256	[A/G]	NA
Ca_Desi_Chrom_scaffold00363_9113	Ca_desi_scaffold	9113	[T/C]	NA
Ca_Desi_Chrom_scaffold00363_14344	Ca_desi_scaffold	14344	[A/C]	NA
Ca_Desi_Chrom_scaffold00363_17802	Ca_desi_scaffold	17802	[A/C]	NA
Ca_Desi_Chrom_scaffold00364_38850	Ca_desi_scaffold	38850	[A/C]	NA
Ca_Desi_Chrom_scaffold00364_82829	Ca_desi_scaffold	82829	[T/G]	NA
Ca_Desi_Chrom_scaffold00368_61843	Ca_desi_scaffold	61843	[T/C]	NA
Ca_Desi_Chrom_scaffold00368_61844	Ca_desi_scaffold	61844	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00368_61914	Ca_desi_scaffold	61914	[G/T]	NA
Ca_Desi_Ch_scaffold00368_61921	Ca_desi_scaffold	61921	[T/C]	NA
Ca_Desi_Ch_scaffold00368_61945	Ca_desi_scaffold	61945	[A/C]	NA
Ca_Desi_Ch_scaffold00368_61950	Ca_desi_scaffold	61950	[A/C]	NA
Ca_Desi_Ch_scaffold00368_61968	Ca_desi_scaffold	61968	[A/C]	NA
Ca_Desi_Ch_scaffold00368_61977	Ca_desi_scaffold	61977	[T/C]	NA
Ca_Desi_Ch_scaffold00368_183591	Ca_desi_scaffold	183591	[C/A]	NA
Ca_Desi_Ch_scaffold00371_172367	Ca_desi_scaffold	172367	[A/G]	NA
Ca_Desi_Ch_scaffold00371_172377	Ca_desi_scaffold	172377	[T/A]	NA
Ca_Desi_Ch_scaffold00371_172389	Ca_desi_scaffold	172389	[T/G]	NA
Ca_Desi_Ch_scaffold00374_166828	Ca_desi_scaffold	166828	[T/C]	NA
Ca_Desi_Ch_scaffold00378_54920	Ca_desi_scaffold	54920	[A/C]	NA
Ca_Desi_Ch_scaffold00378_54923	Ca_desi_scaffold	54923	[T/C]	NA
Ca_Desi_Ch_scaffold00378_54926	Ca_desi_scaffold	54926	[A/C]	NA
Ca_Desi_Ch_scaffold00378_54941	Ca_desi_scaffold	54941	[C/T]	NA
Ca_Desi_Ch_scaffold00378_54946	Ca_desi_scaffold	54946	[A/C]	NA
Ca_Desi_Ch_scaffold00378_54948	Ca_desi_scaffold	54948	[C/T]	NA
Ca_Desi_Ch_scaffold00378_54950	Ca_desi_scaffold	54950	[T/C]	NA
Ca_Desi_Ch_scaffold00378_54952	Ca_desi_scaffold	54952	[A/C]	NA
Ca_Desi_Ch_scaffold00378_54954	Ca_desi_scaffold	54954	[T/C]	NA
Ca_Desi_Ch_scaffold00378_54956	Ca_desi_scaffold	54956	[T/C]	NA
Ca_Desi_Ch_scaffold00378_54958	Ca_desi_scaffold	54958	[A/G]	NA
Ca_Desi_Ch_scaffold00378_54964	Ca_desi_scaffold	54964	[A/C]	NA
Ca_Desi_Ch_scaffold00378_166284	Ca_desi_scaffold	166284	[A/C]	NA
Ca_Desi_Ch_scaffold00381_91737	Ca_desi_scaffold	91737	[A/C]	NA
Ca_Desi_Ch_scaffold00381_127203	Ca_desi_scaffold	127203	[T/A]	NA
Ca_Desi_Ch_scaffold00381_127299	Ca_desi_scaffold	127299	[T/G]	NA
Ca_Desi_Ch_scaffold00381_127339	Ca_desi_scaffold	127339	[A/G]	NA
Ca_Desi_Ch_scaffold00381_127344	Ca_desi_scaffold	127344	[A/G]	NA
Ca_Desi_Ch_scaffold00381_128121	Ca_desi_scaffold	128121	[A/C]	NA
Ca_Desi_Ch_scaffold00381_136098	Ca_desi_scaffold	136098	[T/A]	NA
Ca_Desi_Ch_scaffold00381_136128	Ca_desi_scaffold	136128	[A/C]	NA
Ca_Desi_Ch_scaffold00381_136194	Ca_desi_scaffold	136194	[T/G]	NA
Ca_Desi_Ch_scaffold00381_136201	Ca_desi_scaffold	136201	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00381_136221	Ca_desi_scaffold	136221	[A/G]	NA
Ca_Desi_Ch_scaffold00381_136234	Ca_desi_scaffold	136234	[A/G]	NA
Ca_Desi_Ch_scaffold00381_136239	Ca_desi_scaffold	136239	[A/C]	NA
Ca_Desi_Ch_scaffold00381_179596	Ca_desi_scaffold	179596	[T/C]	NA
Ca_Desi_Ch_scaffold00381_179641	Ca_desi_scaffold	179641	[A/C]	NA
Ca_Desi_Ch_scaffold00382_116793	Ca_desi_scaffold	116793	[A/G]	NA
Ca_Desi_Ch_scaffold00382_116803	Ca_desi_scaffold	116803	[A/C]	NA
Ca_Desi_Ch_scaffold00382_116818	Ca_desi_scaffold	116818	[T/C]	NA
Ca_Desi_Ch_scaffold00382_116824	Ca_desi_scaffold	116824	[T/C]	NA
Ca_Desi_Ch_scaffold00382_116841	Ca_desi_scaffold	116841	[A/G]	NA
Ca_Desi_Ch_scaffold00382_116849	Ca_desi_scaffold	116849	[T/C]	NA
Ca_Desi_Ch_scaffold00382_116853	Ca_desi_scaffold	116853	[T/C]	NA
Ca_Desi_Ch_scaffold00383_39570	Ca_desi_scaffold	39570	[T/C]	NA
Ca_Desi_Ch_scaffold00383_39583	Ca_desi_scaffold	39583	[T/G]	NA
Ca_Desi_Ch_scaffold00383_39627	Ca_desi_scaffold	39627	[A/G]	NA
Ca_Desi_Ch_scaffold00383_55779	Ca_desi_scaffold	55779	[G/A]	NA
Ca_Desi_Ch_scaffold00383_62326	Ca_desi_scaffold	62326	[A/C]	NA
Ca_Desi_Ch_scaffold00383_92034	Ca_desi_scaffold	92034	[C/G]	NA
Ca_Desi_Ch_scaffold00383_92036	Ca_desi_scaffold	92036	[T/G]	NA
Ca_Desi_Ch_scaffold00383_92050	Ca_desi_scaffold	92050	[T/C]	NA
Ca_Desi_Ch_scaffold00383_146071	Ca_desi_scaffold	146071	[A/G]	NA
Ca_Desi_Ch_scaffold00383_146086	Ca_desi_scaffold	146086	[A/C]	NA
Ca_Desi_Ch_scaffold00383_146117	Ca_desi_scaffold	146117	[T/C]	NA
Ca_Desi_Ch_scaffold00383_170998	Ca_desi_scaffold	170998	[G/T]	NA
Ca_Desi_Ch_scaffold00383_171011	Ca_desi_scaffold	171011	[T/G]	NA
Ca_Desi_Ch_scaffold00383_171019	Ca_desi_scaffold	171019	[G/A]	NA
Ca_Desi_Ch_scaffold00383_171024	Ca_desi_scaffold	171024	[C/A]	NA
Ca_Desi_Ch_scaffold00384_90858	Ca_desi_scaffold	90858	[T/C]	NA
Ca_Desi_Ch_scaffold00384_91094	Ca_desi_scaffold	91094	[T/G]	NA
Ca_Desi_Ch_scaffold00385_2969	Ca_desi_scaffold	2969	[A/C]	NA
Ca_Desi_Ch_scaffold00385_139899	Ca_desi_scaffold	139899	[A/T]	NA
Ca_Desi_Ch_scaffold00385_166511	Ca_desi_scaffold	166511	[A/G]	NA
Ca_Desi_Ch_scaffold00385_166529	Ca_desi_scaffold	166529	[A/G]	NA
Ca_Desi_Ch_scaffold00385_166532	Ca_desi_scaffold	166532	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00385_167063	Ca_desi_scaffold	167063	[T/C]	NA
Ca_Desi_Ch_scaffold00394_56048	Ca_desi_scaffold	56048	[T/A]	NA
Ca_Desi_Ch_scaffold00394_56049	Ca_desi_scaffold	56049	[T/A]	NA
Ca_Desi_Ch_scaffold00394_56050	Ca_desi_scaffold	56050	[T/A]	NA
Ca_Desi_Ch_scaffold00394_84528	Ca_desi_scaffold	84528	[A/T]	NA
Ca_Desi_Ch_scaffold00394_84529	Ca_desi_scaffold	84529	[A/C]	NA
Ca_Desi_Ch_scaffold00394_84530	Ca_desi_scaffold	84530	[G/T]	NA
Ca_Desi_Ch_scaffold00396_30814	Ca_desi_scaffold	30814	[T/G]	NA
Ca_Desi_Ch_scaffold00396_44258	Ca_desi_scaffold	44258	[A/C]	NA
Ca_Desi_Ch_scaffold00396_44260	Ca_desi_scaffold	44260	[T/C]	NA
Ca_Desi_Ch_scaffold00396_44267	Ca_desi_scaffold	44267	[A/C]	NA
Ca_Desi_Ch_scaffold00396_44272	Ca_desi_scaffold	44272	[T/C]	NA
Ca_Desi_Ch_scaffold00396_44280	Ca_desi_scaffold	44280	[T/G]	NA
Ca_Desi_Ch_scaffold00396_44284	Ca_desi_scaffold	44284	[T/C]	NA
Ca_Desi_Ch_scaffold00396_44288	Ca_desi_scaffold	44288	[A/C]	NA
Ca_Desi_Ch_scaffold00396_44304	Ca_desi_scaffold	44304	[T/C]	NA
Ca_Desi_Ch_scaffold00396_44306	Ca_desi_scaffold	44306	[T/C]	NA
Ca_Desi_Ch_scaffold00398_133396	Ca_desi_scaffold	133396	[T/G]	NA
Ca_Desi_Ch_scaffold00398_169822	Ca_desi_scaffold	169822	[A/C]	NA
Ca_Desi_Ch_scaffold00398_169852	Ca_desi_scaffold	169852	[T/C]	NA
Ca_Desi_Ch_scaffold00398_169855	Ca_desi_scaffold	169855	[T/G]	NA
Ca_Desi_Ch_scaffold00398_171126	Ca_desi_scaffold	171126	[T/C]	NA
Ca_Desi_Ch_scaffold00398_171175	Ca_desi_scaffold	171175	[A/C]	NA
Ca_Desi_Ch_scaffold00398_171180	Ca_desi_scaffold	171180	[A/T]	NA
Ca_Desi_Ch_scaffold00398_173746	Ca_desi_scaffold	173746	[A/T]	NA
Ca_Desi_Ch_scaffold00398_173794	Ca_desi_scaffold	173794	[T/C]	NA
Ca_Desi_Ch_scaffold00398_173799	Ca_desi_scaffold	173799	[G/T]	NA
Ca_Desi_Ch_scaffold00398_173803	Ca_desi_scaffold	173803	[C/A]	NA
Ca_Desi_Ch_scaffold00400_3796	Ca_desi_scaffold	3796	[T/G]	NA
Ca_Desi_Ch_scaffold00400_3799	Ca_desi_scaffold	3799	[T/C]	NA
Ca_Desi_Ch_scaffold00400_85350	Ca_desi_scaffold	85350	[T/C]	NA
Ca_Desi_Ch_scaffold00400_85459	Ca_desi_scaffold	85459	[T/G]	NA
Ca_Desi_Ch_scaffold00400_133152	Ca_desi_scaffold	133152	[T/G]	NA
Ca_Desi_Ch_scaffold00400_133164	Ca_desi_scaffold	133164	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold00400_134868	Ca_desi_scaffold	134868	[T/A]	NA
Ca_Desi_Chromosome_scaffold00400_134870	Ca_desi_scaffold	134870	[C/A]	NA
Ca_Desi_Chromosome_scaffold00400_134892	Ca_desi_scaffold	134892	[G/C]	NA
Ca_Desi_Chromosome_scaffold00400_134900	Ca_desi_scaffold	134900	[A/G]	NA
Ca_Desi_Chromosome_scaffold00400_137447	Ca_desi_scaffold	137447	[A/T]	NA
Ca_Desi_Chromosome_scaffold00400_137508	Ca_desi_scaffold	137508	[A/C]	NA
Ca_Desi_Chromosome_scaffold00400_150159	Ca_desi_scaffold	150159	[T/C]	NA
Ca_Desi_Chromosome_scaffold00400_150189	Ca_desi_scaffold	150189	[T/A]	NA
Ca_Desi_Chromosome_scaffold00400_150191	Ca_desi_scaffold	150191	[C/T]	NA
Ca_Desi_Chromosome_scaffold00402_10900	Ca_desi_scaffold	10900	[T/G]	NA
Ca_Desi_Chromosome_scaffold00402_10945	Ca_desi_scaffold	10945	[A/C]	NA
Ca_Desi_Chromosome_scaffold00402_159404	Ca_desi_scaffold	159404	[A/G]	NA
Ca_Desi_Chromosome_scaffold00402_159409	Ca_desi_scaffold	159409	[A/C]	NA
Ca_Desi_Chromosome_scaffold00402_159413	Ca_desi_scaffold	159413	[T/A]	NA
Ca_Desi_Chromosome_scaffold00402_159414	Ca_desi_scaffold	159414	[C/T]	NA
Ca_Desi_Chromosome_scaffold00402_176530	Ca_desi_scaffold	176530	[T/G]	NA
Ca_Desi_Chromosome_scaffold00402_176537	Ca_desi_scaffold	176537	[T/C]	NA
Ca_Desi_Chromosome_scaffold00407_64963	Ca_desi_scaffold	64963	[A/C]	NA
Ca_Desi_Chromosome_scaffold00407_68909	Ca_desi_scaffold	68909	[A/C]	NA
Ca_Desi_Chromosome_scaffold00407_85536	Ca_desi_scaffold	85536	[T/G]	NA
Ca_Desi_Chromosome_scaffold00407_168854	Ca_desi_scaffold	168854	[T/G]	NA
Ca_Desi_Chromosome_scaffold00407_168860	Ca_desi_scaffold	168860	[T/C]	NA
Ca_Desi_Chromosome_scaffold00408_16029	Ca_desi_scaffold	16029	[T/A]	NA
Ca_Desi_Chromosome_scaffold00408_16038	Ca_desi_scaffold	16038	[A/C]	NA
Ca_Desi_Chromosome_scaffold00408_16063	Ca_desi_scaffold	16063	[T/C]	NA
Ca_Desi_Chromosome_scaffold00408_56755	Ca_desi_scaffold	56755	[A/G]	NA
Ca_Desi_Chromosome_scaffold00408_59971	Ca_desi_scaffold	59971	[A/C]	NA
Ca_Desi_Chromosome_scaffold00408_100159	Ca_desi_scaffold	100159	[A/C]	NA
Ca_Desi_Chromosome_scaffold00409_7121	Ca_desi_scaffold	7121	[A/T]	NA
Ca_Desi_Chromosome_scaffold00409_7129	Ca_desi_scaffold	7129	[A/G]	NA
Ca_Desi_Chromosome_scaffold00409_7130	Ca_desi_scaffold	7130	[A/G]	NA
Ca_Desi_Chromosome_scaffold00409_7133	Ca_desi_scaffold	7133	[G/A]	NA
Ca_Desi_Chromosome_scaffold00409_7144	Ca_desi_scaffold	7144	[T/C]	NA
Ca_Desi_Chromosome_scaffold00409_7147	Ca_desi_scaffold	7147	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00409_7163	Ca_desi_scaffold	7163	[T/C]	NA
Ca_Desi_Ch_scaffold00409_7167	Ca_desi_scaffold	7167	[T/C]	NA
Ca_Desi_Ch_scaffold00409_7169	Ca_desi_scaffold	7169	[T/C]	NA
Ca_Desi_Ch_scaffold00409_7173	Ca_desi_scaffold	7173	[T/A]	NA
Ca_Desi_Ch_scaffold00409_37396	Ca_desi_scaffold	37396	[A/C]	NA
Ca_Desi_Ch_scaffold00409_37414	Ca_desi_scaffold	37414	[A/C]	NA
Ca_Desi_Ch_scaffold00409_37424	Ca_desi_scaffold	37424	[A/C]	NA
Ca_Desi_Ch_scaffold00409_37441	Ca_desi_scaffold	37441	[T/C]	NA
Ca_Desi_Ch_scaffold00409_87610	Ca_desi_scaffold	87610	[A/C]	NA
Ca_Desi_Ch_scaffold00409_92434	Ca_desi_scaffold	92434	[C/T]	NA
Ca_Desi_Ch_scaffold00417_7413	Ca_desi_scaffold	7413	[A/C]	NA
Ca_Desi_Ch_scaffold00417_38550	Ca_desi_scaffold	38550	[A/G]	NA
Ca_Desi_Ch_scaffold00417_38571	Ca_desi_scaffold	38571	[A/G]	NA
Ca_Desi_Ch_scaffold00417_140255	Ca_desi_scaffold	140255	[T/C]	NA
Ca_Desi_Ch_scaffold00417_140282	Ca_desi_scaffold	140282	[T/C]	NA
Ca_Desi_Ch_scaffold00417_140303	Ca_desi_scaffold	140303	[A/G]	NA
Ca_Desi_Ch_scaffold00417_140368	Ca_desi_scaffold	140368	[T/A]	NA
Ca_Desi_Ch_scaffold00417_158176	Ca_desi_scaffold	158176	[A/G]	NA
Ca_Desi_Ch_scaffold00417_158195	Ca_desi_scaffold	158195	[A/C]	NA
Ca_Desi_Ch_scaffold00417_173368	Ca_desi_scaffold	173368	[T/G]	NA
Ca_Desi_Ch_scaffold00418_106163	Ca_desi_scaffold	106163	[T/G]	NA
Ca_Desi_Ch_scaffold00418_106184	Ca_desi_scaffold	106184	[T/G]	NA
Ca_Desi_Ch_scaffold00418_106196	Ca_desi_scaffold	106196	[A/G]	NA
Ca_Desi_Ch_scaffold00418_106254	Ca_desi_scaffold	106254	[A/G]	NA
Ca_Desi_Ch_scaffold00418_106262	Ca_desi_scaffold	106262	[A/G]	NA
Ca_Desi_Ch_scaffold00418_106271	Ca_desi_scaffold	106271	[T/G]	NA
Ca_Desi_Ch_scaffold00418_106276	Ca_desi_scaffold	106276	[G/A]	NA
Ca_Desi_Ch_scaffold00418_106277	Ca_desi_scaffold	106277	[A/G]	NA
Ca_Desi_Ch_scaffold00418_106278	Ca_desi_scaffold	106278	[A/G]	NA
Ca_Desi_Ch_scaffold00418_106285	Ca_desi_scaffold	106285	[A/G]	NA
Ca_Desi_Ch_scaffold00418_106287	Ca_desi_scaffold	106287	[T/G]	NA
Ca_Desi_Ch_scaffold00418_106288	Ca_desi_scaffold	106288	[T/C]	NA
Ca_Desi_Ch_scaffold00418_106299	Ca_desi_scaffold	106299	[A/G]	NA
Ca_Desi_Ch_scaffold00418_106303	Ca_desi_scaffold	106303	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold00418_106305	Ca_desi_scaffold	106305	[A/G]	NA
Ca_Desi_Chromosome_scaffold00418_106318	Ca_desi_scaffold	106318	[C/G]	NA
Ca_Desi_Chromosome_scaffold00418_141043	Ca_desi_scaffold	141043	[C/A]	NA
Ca_Desi_Chromosome_scaffold00419_17568	Ca_desi_scaffold	17568	[A/T]	NA
Ca_Desi_Chromosome_scaffold00419_31772	Ca_desi_scaffold	31772	[T/A]	NA
Ca_Desi_Chromosome_scaffold00419_35889	Ca_desi_scaffold	35889	[T/C]	NA
Ca_Desi_Chromosome_scaffold00419_46878	Ca_desi_scaffold	46878	[A/C]	NA
Ca_Desi_Chromosome_scaffold00419_93424	Ca_desi_scaffold	93424	[T/C]	NA
Ca_Desi_Chromosome_scaffold00419_93441	Ca_desi_scaffold	93441	[T/C]	NA
Ca_Desi_Chromosome_scaffold00419_93451	Ca_desi_scaffold	93451	[A/C]	NA
Ca_Desi_Chromosome_scaffold00419_93469	Ca_desi_scaffold	93469	[T/C]	NA
Ca_Desi_Chromosome_scaffold00420_23275	Ca_desi_scaffold	23275	[A/C]	NA
Ca_Desi_Chromosome_scaffold00420_41762	Ca_desi_scaffold	41762	[C/T]	NA
Ca_Desi_Chromosome_scaffold00420_95114	Ca_desi_scaffold	95114	[A/C]	NA
Ca_Desi_Chromosome_scaffold00420_95130	Ca_desi_scaffold	95130	[T/C]	NA
Ca_Desi_Chromosome_scaffold00420_95135	Ca_desi_scaffold	95135	[T/G]	NA
Ca_Desi_Chromosome_scaffold00420_95147	Ca_desi_scaffold	95147	[T/C]	NA
Ca_Desi_Chromosome_scaffold00420_153441	Ca_desi_scaffold	153441	[A/C]	NA
Ca_Desi_Chromosome_scaffold00420_153544	Ca_desi_scaffold	153544	[C/T]	NA
Ca_Desi_Chromosome_scaffold00420_153620	Ca_desi_scaffold	153620	[T/G]	NA
Ca_Desi_Chromosome_scaffold00420_153647	Ca_desi_scaffold	153647	[T/G]	NA
Ca_Desi_Chromosome_scaffold00422_135539	Ca_desi_scaffold	135539	[T/C]	NA
Ca_Desi_Chromosome_scaffold00422_135557	Ca_desi_scaffold	135557	[T/G]	NA
Ca_Desi_Chromosome_scaffold00422_136343	Ca_desi_scaffold	136343	[A/T]	NA
Ca_Desi_Chromosome_scaffold00423_13372	Ca_desi_scaffold	13372	[G/T]	NA
Ca_Desi_Chromosome_scaffold00423_13394	Ca_desi_scaffold	13394	[T/C]	NA
Ca_Desi_Chromosome_scaffold00423_13408	Ca_desi_scaffold	13408	[A/C]	NA
Ca_Desi_Chromosome_scaffold00423_13855	Ca_desi_scaffold	13855	[C/A]	NA
Ca_Desi_Chromosome_scaffold00423_13858	Ca_desi_scaffold	13858	[T/A]	NA
Ca_Desi_Chromosome_scaffold00423_13900	Ca_desi_scaffold	13900	[T/G]	NA
Ca_Desi_Chromosome_scaffold00423_31420	Ca_desi_scaffold	31420	[G/T]	NA
Ca_Desi_Chromosome_scaffold00423_40819	Ca_desi_scaffold	40819	[T/C]	NA
Ca_Desi_Chromosome_scaffold00423_60478	Ca_desi_scaffold	60478	[T/C]	NA
Ca_Desi_Chromosome_scaffold00423_61666	Ca_desi_scaffold	61666	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00423_73839	Ca_desi_scaffold	73839	[C/A]	NA
Ca_Desi_Ch_scaffold00423_74452	Ca_desi_scaffold	74452	[C/T]	NA
Ca_Desi_Ch_scaffold00423_76157	Ca_desi_scaffold	76157	[T/G]	NA
Ca_Desi_Ch_scaffold00423_82031	Ca_desi_scaffold	82031	[T/A]	NA
Ca_Desi_Ch_scaffold00423_99599	Ca_desi_scaffold	99599	[A/T]	NA
Ca_Desi_Ch_scaffold00423_99668	Ca_desi_scaffold	99668	[A/C]	NA
Ca_Desi_Ch_scaffold00423_103678	Ca_desi_scaffold	103678	[G/A]	NA
Ca_Desi_Ch_scaffold00423_103696	Ca_desi_scaffold	103696	[A/C]	NA
Ca_Desi_Ch_scaffold00423_103711	Ca_desi_scaffold	103711	[T/G]	NA
Ca_Desi_Ch_scaffold00423_114034	Ca_desi_scaffold	114034	[A/T]	NA
Ca_Desi_Ch_scaffold00423_129695	Ca_desi_scaffold	129695	[C/A]	NA
Ca_Desi_Ch_scaffold00423_129711	Ca_desi_scaffold	129711	[C/T]	NA
Ca_Desi_Ch_scaffold00423_129732	Ca_desi_scaffold	129732	[C/T]	NA
Ca_Desi_Ch_scaffold00423_129740	Ca_desi_scaffold	129740	[G/A]	NA
Ca_Desi_Ch_scaffold00423_129744	Ca_desi_scaffold	129744	[G/A]	NA
Ca_Desi_Ch_scaffold00429_4604	Ca_desi_scaffold	4604	[A/C]	NA
Ca_Desi_Ch_scaffold00429_107667	Ca_desi_scaffold	107667	[A/C]	NA
Ca_Desi_Ch_scaffold00429_114370	Ca_desi_scaffold	114370	[A/C]	NA
Ca_Desi_Ch_scaffold00429_164944	Ca_desi_scaffold	164944	[T/C]	NA
Ca_Desi_Ch_scaffold00429_165025	Ca_desi_scaffold	165025	[A/C]	NA
Ca_Desi_Ch_scaffold00435_93713	Ca_desi_scaffold	93713	[C/A]	NA
Ca_Desi_Ch_scaffold00435_93714	Ca_desi_scaffold	93714	[C/G]	NA
Ca_Desi_Ch_scaffold00435_93715	Ca_desi_scaffold	93715	[T/A]	NA
Ca_Desi_Ch_scaffold00435_158606	Ca_desi_scaffold	158606	[T/C]	NA
Ca_Desi_Ch_scaffold00437_63836	Ca_desi_scaffold	63836	[T/C]	NA
Ca_Desi_Ch_scaffold00437_67004	Ca_desi_scaffold	67004	[A/C]	NA
Ca_Desi_Ch_scaffold00437_67007	Ca_desi_scaffold	67007	[A/C]	NA
Ca_Desi_Ch_scaffold00437_67012	Ca_desi_scaffold	67012	[T/C]	NA
Ca_Desi_Ch_scaffold00437_67027	Ca_desi_scaffold	67027	[T/G]	NA
Ca_Desi_Ch_scaffold00437_67031	Ca_desi_scaffold	67031	[A/G]	NA
Ca_Desi_Ch_scaffold00437_95662	Ca_desi_scaffold	95662	[T/G]	NA
Ca_Desi_Ch_scaffold00437_95795	Ca_desi_scaffold	95795	[T/C]	NA
Ca_Desi_Ch_scaffold00437_95817	Ca_desi_scaffold	95817	[T/G]	NA
Ca_Desi_Ch_scaffold00437_95842	Ca_desi_scaffold	95842	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00437_95930	Ca_desi_scaffold	95930	[T/G]	NA
Ca_Desi_Ch_scaffold00437_96010	Ca_desi_scaffold	96010	[T/G]	NA
Ca_Desi_Ch_scaffold00437_96380	Ca_desi_scaffold	96380	[T/G]	NA
Ca_Desi_Ch_scaffold00437_96424	Ca_desi_scaffold	96424	[A/C]	NA
Ca_Desi_Ch_scaffold00438_28165	Ca_desi_scaffold	28165	[T/C]	NA
Ca_Desi_Ch_scaffold00438_28169	Ca_desi_scaffold	28169	[T/C]	NA
Ca_Desi_Ch_scaffold00438_28176	Ca_desi_scaffold	28176	[T/C]	NA
Ca_Desi_Ch_scaffold00438_28191	Ca_desi_scaffold	28191	[G/C]	NA
Ca_Desi_Ch_scaffold00438_28200	Ca_desi_scaffold	28200	[A/G]	NA
Ca_Desi_Ch_scaffold00438_28204	Ca_desi_scaffold	28204	[T/C]	NA
Ca_Desi_Ch_scaffold00438_98402	Ca_desi_scaffold	98402	[A/G]	NA
Ca_Desi_Ch_scaffold00438_121464	Ca_desi_scaffold	121464	[A/G]	NA
Ca_Desi_Ch_scaffold00438_121465	Ca_desi_scaffold	121465	[T/G]	NA
Ca_Desi_Ch_scaffold00438_121466	Ca_desi_scaffold	121466	[C/A]	NA
Ca_Desi_Ch_scaffold00438_121467	Ca_desi_scaffold	121467	[T/G]	NA
Ca_Desi_Ch_scaffold00438_129503	Ca_desi_scaffold	129503	[T/A]	NA
Ca_Desi_Ch_scaffold00438_129538	Ca_desi_scaffold	129538	[T/C]	NA
Ca_Desi_Ch_scaffold00438_130696	Ca_desi_scaffold	130696	[T/C]	NA
Ca_Desi_Ch_scaffold00438_130732	Ca_desi_scaffold	130732	[T/C]	NA
Ca_Desi_Ch_scaffold00438_130748	Ca_desi_scaffold	130748	[A/G]	NA
Ca_Desi_Ch_scaffold00440_8156	Ca_desi_scaffold	8156	[T/C]	NA
Ca_Desi_Ch_scaffold00440_8164	Ca_desi_scaffold	8164	[T/C]	NA
Ca_Desi_Ch_scaffold00440_57285	Ca_desi_scaffold	57285	[T/C]	NA
Ca_Desi_Ch_scaffold00440_57340	Ca_desi_scaffold	57340	[T/A]	NA
Ca_Desi_Ch_scaffold00440_141021	Ca_desi_scaffold	141021	[C/T]	NA
Ca_Desi_Ch_scaffold00440_141022	Ca_desi_scaffold	141022	[A/G]	NA
Ca_Desi_Ch_scaffold00440_141131	Ca_desi_scaffold	141131	[C/T]	NA
Ca_Desi_Ch_scaffold00440_141645	Ca_desi_scaffold	141645	[C/T]	NA
Ca_Desi_Ch_scaffold00440_151234	Ca_desi_scaffold	151234	[A/T]	NA
Ca_Desi_Ch_scaffold00440_151292	Ca_desi_scaffold	151292	[A/G]	NA
Ca_Desi_Ch_scaffold00440_151294	Ca_desi_scaffold	151294	[A/G]	NA
Ca_Desi_Ch_scaffold00440_161069	Ca_desi_scaffold	161069	[A/G]	NA
Ca_Desi_Ch_scaffold00440_161076	Ca_desi_scaffold	161076	[T/G]	NA
Ca_Desi_Ch_scaffold00440_161096	Ca_desi_scaffold	161096	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00440_161105	Ca_desig_scaffold	161105	[T/C]	NA
Ca_Desig_Chr_scaffold00440_161122	Ca_desig_scaffold	161122	[C/A]	NA
Ca_Desig_Chr_scaffold00440_161186	Ca_desig_scaffold	161186	[T/C]	NA
Ca_Desig_Chr_scaffold00444_69152	Ca_desig_scaffold	69152	[T/A]	NA
Ca_Desig_Chr_scaffold00447_10482	Ca_desig_scaffold	10482	[T/G]	NA
Ca_Desig_Chr_scaffold00447_10491	Ca_desig_scaffold	10491	[A/C]	NA
Ca_Desig_Chr_scaffold00447_71827	Ca_desig_scaffold	71827	[A/C]	NA
Ca_Desig_Chr_scaffold00447_71838	Ca_desig_scaffold	71838	[C/G]	NA
Ca_Desig_Chr_scaffold00447_71975	Ca_desig_scaffold	71975	[C/T]	NA
Ca_Desig_Chr_scaffold00447_71990	Ca_desig_scaffold	71990	[T/A]	NA
Ca_Desig_Chr_scaffold00447_72008	Ca_desig_scaffold	72008	[T/C]	NA
Ca_Desig_Chr_scaffold00447_73167	Ca_desig_scaffold	73167	[T/G]	NA
Ca_Desig_Chr_scaffold00447_73227	Ca_desig_scaffold	73227	[T/G]	NA
Ca_Desig_Chr_scaffold00447_73272	Ca_desig_scaffold	73272	[A/C]	NA
Ca_Desig_Chr_scaffold00447_73310	Ca_desig_scaffold	73310	[T/C]	NA
Ca_Desig_Chr_scaffold00447_73317	Ca_desig_scaffold	73317	[T/C]	NA
Ca_Desig_Chr_scaffold00447_73339	Ca_desig_scaffold	73339	[T/C]	NA
Ca_Desig_Chr_scaffold00447_73344	Ca_desig_scaffold	73344	[T/G]	NA
Ca_Desig_Chr_scaffold00447_73349	Ca_desig_scaffold	73349	[C/T]	NA
Ca_Desig_Chr_scaffold00447_73352	Ca_desig_scaffold	73352	[G/A]	NA
Ca_Desig_Chr_scaffold00447_73358	Ca_desig_scaffold	73358	[C/T]	NA
Ca_Desig_Chr_scaffold00447_73363	Ca_desig_scaffold	73363	[T/G]	NA
Ca_Desig_Chr_scaffold00447_73380	Ca_desig_scaffold	73380	[A/G]	NA
Ca_Desig_Chr_scaffold00447_73442	Ca_desig_scaffold	73442	[T/G]	NA
Ca_Desig_Chr_scaffold00447_73538	Ca_desig_scaffold	73538	[A/C]	NA
Ca_Desig_Chr_scaffold00447_73553	Ca_desig_scaffold	73553	[T/A]	NA
Ca_Desig_Chr_scaffold00447_73960	Ca_desig_scaffold	73960	[A/C]	NA
Ca_Desig_Chr_scaffold00447_80387	Ca_desig_scaffold	80387	[A/G]	NA
Ca_Desig_Chr_scaffold00447_80389	Ca_desig_scaffold	80389	[A/G]	NA
Ca_Desig_Chr_scaffold00447_80391	Ca_desig_scaffold	80391	[A/G]	NA
Ca_Desig_Chr_scaffold00447_80400	Ca_desig_scaffold	80400	[C/G]	NA
Ca_Desig_Chr_scaffold00447_80406	Ca_desig_scaffold	80406	[A/G]	NA
Ca_Desig_Chr_scaffold00447_80408	Ca_desig_scaffold	80408	[A/G]	NA
Ca_Desig_Chr_scaffold00447_80412	Ca_desig_scaffold	80412	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold00447_80416	Ca_desi_scaffold	80416	[A/G]	NA
Ca_Desi_Chromosome_scaffold00447_80420	Ca_desi_scaffold	80420	[A/G]	NA
Ca_Desi_Chromosome_scaffold00447_80423	Ca_desi_scaffold	80423	[G/A]	NA
Ca_Desi_Chromosome_scaffold00447_80427	Ca_desi_scaffold	80427	[A/G]	NA
Ca_Desi_Chromosome_scaffold00447_80431	Ca_desi_scaffold	80431	[A/G]	NA
Ca_Desi_Chromosome_scaffold00447_80437	Ca_desi_scaffold	80437	[T/C]	NA
Ca_Desi_Chromosome_scaffold00447_80443	Ca_desi_scaffold	80443	[A/G]	NA
Ca_Desi_Chromosome_scaffold00447_139080	Ca_desi_scaffold	139080	[A/T]	NA
Ca_Desi_Chromosome_scaffold00447_139088	Ca_desi_scaffold	139088	[A/G]	NA
Ca_Desi_Chromosome_scaffold00447_139093	Ca_desi_scaffold	139093	[A/G]	NA
Ca_Desi_Chromosome_scaffold00447_139115	Ca_desi_scaffold	139115	[T/G]	NA
Ca_Desi_Chromosome_scaffold00447_139189	Ca_desi_scaffold	139189	[T/G]	NA
Ca_Desi_Chromosome_scaffold00447_139194	Ca_desi_scaffold	139194	[T/A]	NA
Ca_Desi_Chromosome_scaffold00448_18208	Ca_desi_scaffold	18208	[T/C]	NA
Ca_Desi_Chromosome_scaffold00448_18245	Ca_desi_scaffold	18245	[G/A]	NA
Ca_Desi_Chromosome_scaffold00448_18258	Ca_desi_scaffold	18258	[A/G]	NA
Ca_Desi_Chromosome_scaffold00448_85452	Ca_desi_scaffold	85452	[T/C]	NA
Ca_Desi_Chromosome_scaffold00448_85533	Ca_desi_scaffold	85533	[A/T]	NA
Ca_Desi_Chromosome_scaffold00448_86013	Ca_desi_scaffold	86013	[A/G]	NA
Ca_Desi_Chromosome_scaffold00448_86042	Ca_desi_scaffold	86042	[T/C]	NA
Ca_Desi_Chromosome_scaffold00448_86059	Ca_desi_scaffold	86059	[A/G]	NA
Ca_Desi_Chromosome_scaffold00448_114076	Ca_desi_scaffold	114076	[A/G]	NA
Ca_Desi_Chromosome_scaffold00449_24155	Ca_desi_scaffold	24155	[A/C]	NA
Ca_Desi_Chromosome_scaffold00450_11902	Ca_desi_scaffold	11902	[A/G]	NA
Ca_Desi_Chromosome_scaffold00450_42631	Ca_desi_scaffold	42631	[G/C]	NA
Ca_Desi_Chromosome_scaffold00450_42645	Ca_desi_scaffold	42645	[T/C]	NA
Ca_Desi_Chromosome_scaffold00450_42652	Ca_desi_scaffold	42652	[T/G]	NA
Ca_Desi_Chromosome_scaffold00450_42662	Ca_desi_scaffold	42662	[T/C]	NA
Ca_Desi_Chromosome_scaffold00450_42664	Ca_desi_scaffold	42664	[A/G]	NA
Ca_Desi_Chromosome_scaffold00450_42666	Ca_desi_scaffold	42666	[G/T]	NA
Ca_Desi_Chromosome_scaffold00450_42669	Ca_desi_scaffold	42669	[T/C]	NA
Ca_Desi_Chromosome_scaffold00450_42672	Ca_desi_scaffold	42672	[A/G]	NA
Ca_Desi_Chromosome_scaffold00450_42686	Ca_desi_scaffold	42686	[A/G]	NA
Ca_Desi_Chromosome_scaffold00450_42688	Ca_desi_scaffold	42688	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00450_42690	Ca_desi_scaffold	42690	[C/A]	NA
Ca_Desi_Ch_scaffold00450_42691	Ca_desi_scaffold	42691	[A/C]	NA
Ca_Desi_Ch_scaffold00450_93356	Ca_desi_scaffold	93356	[T/C]	NA
Ca_Desi_Ch_scaffold00450_106885	Ca_desi_scaffold	106885	[T/C]	NA
Ca_Desi_Ch_scaffold00450_106886	Ca_desi_scaffold	106886	[G/T]	NA
Ca_Desi_Ch_scaffold00450_107009	Ca_desi_scaffold	107009	[G/A]	NA
Ca_Desi_Ch_scaffold00450_107233	Ca_desi_scaffold	107233	[C/T]	NA
Ca_Desi_Ch_scaffold00450_124388	Ca_desi_scaffold	124388	[T/G]	NA
Ca_Desi_Ch_scaffold00450_129149	Ca_desi_scaffold	129149	[G/A]	NA
Ca_Desi_Ch_scaffold00450_129268	Ca_desi_scaffold	129268	[T/C]	NA
Ca_Desi_Ch_scaffold00450_130653	Ca_desi_scaffold	130653	[A/G]	NA
Ca_Desi_Ch_scaffold00450_134154	Ca_desi_scaffold	134154	[G/A]	NA
Ca_Desi_Ch_scaffold00450_134186	Ca_desi_scaffold	134186	[T/C]	NA
Ca_Desi_Ch_scaffold00450_134195	Ca_desi_scaffold	134195	[A/G]	NA
Ca_Desi_Ch_scaffold00450_134208	Ca_desi_scaffold	134208	[A/G]	NA
Ca_Desi_Ch_scaffold00450_134215	Ca_desi_scaffold	134215	[T/C]	NA
Ca_Desi_Ch_scaffold00450_134227	Ca_desi_scaffold	134227	[T/C]	NA
Ca_Desi_Ch_scaffold00450_134231	Ca_desi_scaffold	134231	[A/G]	NA
Ca_Desi_Ch_scaffold00450_134235	Ca_desi_scaffold	134235	[T/A]	NA
Ca_Desi_Ch_scaffold00450_134239	Ca_desi_scaffold	134239	[A/G]	NA
Ca_Desi_Ch_scaffold00451_84637	Ca_desi_scaffold	84637	[T/C]	NA
Ca_Desi_Ch_scaffold00451_100379	Ca_desi_scaffold	100379	[T/G]	NA
Ca_Desi_Ch_scaffold00455_60546	Ca_desi_scaffold	60546	[T/G]	NA
Ca_Desi_Ch_scaffold00455_60645	Ca_desi_scaffold	60645	[A/C]	NA
Ca_Desi_Ch_scaffold00461_110699	Ca_desi_scaffold	110699	[T/A]	NA
Ca_Desi_Ch_scaffold00461_110726	Ca_desi_scaffold	110726	[T/G]	NA
Ca_Desi_Ch_scaffold00461_116183	Ca_desi_scaffold	116183	[A/G]	NA
Ca_Desi_Ch_scaffold00461_117730	Ca_desi_scaffold	117730	[A/C]	NA
Ca_Desi_Ch_scaffold00463_9718	Ca_desi_scaffold	9718	[C/T]	NA
Ca_Desi_Ch_scaffold00463_10282	Ca_desi_scaffold	10282	[T/A]	NA
Ca_Desi_Ch_scaffold00463_10298	Ca_desi_scaffold	10298	[C/T]	NA
Ca_Desi_Ch_scaffold00463_10382	Ca_desi_scaffold	10382	[G/C]	NA
Ca_Desi_Ch_scaffold00463_34042	Ca_desi_scaffold	34042	[G/C]	NA
Ca_Desi_Ch_scaffold00463_34405	Ca_desi_scaffold	34405	[G/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00463_51838	Ca_desig_scaffold	51838	[C/T]	NA
Ca_Desig_Chr_scaffold00463_57798	Ca_desig_scaffold	57798	[T/C]	NA
Ca_Desig_Chr_scaffold00463_57852	Ca_desig_scaffold	57852	[A/G]	NA
Ca_Desig_Chr_scaffold00463_66352	Ca_desig_scaffold	66352	[T/A]	NA
Ca_Desig_Chr_scaffold00463_72141	Ca_desig_scaffold	72141	[T/A]	NA
Ca_Desig_Chr_scaffold00463_72452	Ca_desig_scaffold	72452	[A/G]	NA
Ca_Desig_Chr_scaffold00463_72595	Ca_desig_scaffold	72595	[A/G]	NA
Ca_Desig_Chr_scaffold00463_72612	Ca_desig_scaffold	72612	[T/C]	NA
Ca_Desig_Chr_scaffold00463_72620	Ca_desig_scaffold	72620	[A/C]	NA
Ca_Desig_Chr_scaffold00463_72627	Ca_desig_scaffold	72627	[G/T]	NA
Ca_Desig_Chr_scaffold00463_72634	Ca_desig_scaffold	72634	[C/T]	NA
Ca_Desig_Chr_scaffold00463_76464	Ca_desig_scaffold	76464	[A/T]	NA
Ca_Desig_Chr_scaffold00463_76599	Ca_desig_scaffold	76599	[T/G]	NA
Ca_Desig_Chr_scaffold00463_118443	Ca_desig_scaffold	118443	[T/C]	NA
Ca_Desig_Chr_scaffold00463_123508	Ca_desig_scaffold	123508	[C/A]	NA
Ca_Desig_Chr_scaffold00463_144717	Ca_desig_scaffold	144717	[T/C]	NA
Ca_Desig_Chr_scaffold00463_144719	Ca_desig_scaffold	144719	[G/T]	NA
Ca_Desig_Chr_scaffold00463_149512	Ca_desig_scaffold	149512	[T/C]	NA
Ca_Desig_Chr_scaffold00463_149608	Ca_desig_scaffold	149608	[A/G]	NA
Ca_Desig_Chr_scaffold00463_151376	Ca_desig_scaffold	151376	[C/T]	NA
Ca_Desig_Chr_scaffold00463_153343	Ca_desig_scaffold	153343	[A/C]	NA
Ca_Desig_Chr_scaffold00463_153756	Ca_desig_scaffold	153756	[C/T]	NA
Ca_Desig_Chr_scaffold00463_153806	Ca_desig_scaffold	153806	[A/G]	NA
Ca_Desig_Chr_scaffold00463_162987	Ca_desig_scaffold	162987	[C/T]	NA
Ca_Desig_Chr_scaffold00467_55594	Ca_desig_scaffold	55594	[T/G]	NA
Ca_Desig_Chr_scaffold00467_58664	Ca_desig_scaffold	58664	[A/C]	NA
Ca_Desig_Chr_scaffold00467_58665	Ca_desig_scaffold	58665	[A/G]	NA
Ca_Desig_Chr_scaffold00467_68839	Ca_desig_scaffold	68839	[T/G]	NA
Ca_Desig_Chr_scaffold00467_78296	Ca_desig_scaffold	78296	[A/C]	NA
Ca_Desig_Chr_scaffold00467_81178	Ca_desig_scaffold	81178	[T/C]	NA
Ca_Desig_Chr_scaffold00467_81192	Ca_desig_scaffold	81192	[A/G]	NA
Ca_Desig_Chr_scaffold00467_81217	Ca_desig_scaffold	81217	[T/G]	NA
Ca_Desig_Chr_scaffold00467_81238	Ca_desig_scaffold	81238	[A/G]	NA
Ca_Desig_Chr_scaffold00467_132305	Ca_desig_scaffold	132305	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00467_132323	Ca_desig_scaffold	132323	[A/G]	NA
Ca_DesigChr_scaffold00467_132347	Ca_desig_scaffold	132347	[A/G]	NA
Ca_DesigChr_scaffold00467_132349	Ca_desig_scaffold	132349	[T/A]	NA
Ca_DesigChr_scaffold00467_147555	Ca_desig_scaffold	147555	[A/G]	NA
Ca_DesigChr_scaffold00467_147558	Ca_desig_scaffold	147558	[T/C]	NA
Ca_DesigChr_scaffold00467_147586	Ca_desig_scaffold	147586	[C/T]	NA
Ca_DesigChr_scaffold00467_148145	Ca_desig_scaffold	148145	[T/A]	NA
Ca_DesigChr_scaffold00467_148198	Ca_desig_scaffold	148198	[T/A]	NA
Ca_DesigChr_scaffold00467_148340	Ca_desig_scaffold	148340	[T/A]	NA
Ca_DesigChr_scaffold00467_148359	Ca_desig_scaffold	148359	[C/G]	NA
Ca_DesigChr_scaffold00467_148366	Ca_desig_scaffold	148366	[G/T]	NA
Ca_DesigChr_scaffold00467_148411	Ca_desig_scaffold	148411	[T/C]	NA
Ca_DesigChr_scaffold00467_148505	Ca_desig_scaffold	148505	[T/C]	NA
Ca_DesigChr_scaffold00467_148563	Ca_desig_scaffold	148563	[T/C]	NA
Ca_DesigChr_scaffold00467_148585	Ca_desig_scaffold	148585	[T/C]	NA
Ca_DesigChr_scaffold00467_148600	Ca_desig_scaffold	148600	[C/T]	NA
Ca_DesigChr_scaffold00467_148627	Ca_desig_scaffold	148627	[C/A]	NA
Ca_DesigChr_scaffold00469_19072	Ca_desig_scaffold	19072	[A/T]	NA
Ca_DesigChr_scaffold00469_19080	Ca_desig_scaffold	19080	[T/A]	NA
Ca_DesigChr_scaffold00469_19081	Ca_desig_scaffold	19081	[A/T]	NA
Ca_DesigChr_scaffold00469_19085	Ca_desig_scaffold	19085	[G/T]	NA
Ca_DesigChr_scaffold00469_49193	Ca_desig_scaffold	49193	[C/T]	NA
Ca_DesigChr_scaffold00469_78933	Ca_desig_scaffold	78933	[T/G]	NA
Ca_DesigChr_scaffold00469_78934	Ca_desig_scaffold	78934	[C/A]	NA
Ca_DesigChr_scaffold00469_78935	Ca_desig_scaffold	78935	[T/G]	NA
Ca_DesigChr_scaffold00473_13636	Ca_desig_scaffold	13636	[T/G]	NA
Ca_DesigChr_scaffold00473_13648	Ca_desig_scaffold	13648	[A/C]	NA
Ca_DesigChr_scaffold00473_54840	Ca_desig_scaffold	54840	[T/C]	NA
Ca_DesigChr_scaffold00473_54845	Ca_desig_scaffold	54845	[A/G]	NA
Ca_DesigChr_scaffold00473_54871	Ca_desig_scaffold	54871	[T/G]	NA
Ca_DesigChr_scaffold00473_54873	Ca_desig_scaffold	54873	[C/A]	NA
Ca_DesigChr_scaffold00473_54878	Ca_desig_scaffold	54878	[A/G]	NA
Ca_DesigChr_scaffold00473_54883	Ca_desig_scaffold	54883	[A/G]	NA
Ca_DesigChr_scaffold00473_54889	Ca_desig_scaffold	54889	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00473_54893	Ca_desi_scaffold	54893	[G/A]	NA
Ca_Desi_Ch_scaffold00473_54894	Ca_desi_scaffold	54894	[A/G]	NA
Ca_Desi_Ch_scaffold00473_54904	Ca_desi_scaffold	54904	[A/G]	NA
Ca_Desi_Ch_scaffold00473_54906	Ca_desi_scaffold	54906	[G/A]	NA
Ca_Desi_Ch_scaffold00473_62186	Ca_desi_scaffold	62186	[A/T]	NA
Ca_Desi_Ch_scaffold00473_62190	Ca_desi_scaffold	62190	[G/A]	NA
Ca_Desi_Ch_scaffold00473_62191	Ca_desi_scaffold	62191	[A/T]	NA
Ca_Desi_Ch_scaffold00473_62192	Ca_desi_scaffold	62192	[T/C]	NA
Ca_Desi_Ch_scaffold00473_62193	Ca_desi_scaffold	62193	[G/T]	NA
Ca_Desi_Ch_scaffold00473_83681	Ca_desi_scaffold	83681	[T/G]	NA
Ca_Desi_Ch_scaffold00473_104203	Ca_desi_scaffold	104203	[T/C]	NA
Ca_Desi_Ch_scaffold00473_104224	Ca_desi_scaffold	104224	[A/G]	NA
Ca_Desi_Ch_scaffold00473_104247	Ca_desi_scaffold	104247	[G/T]	NA
Ca_Desi_Ch_scaffold00473_104252	Ca_desi_scaffold	104252	[A/C]	NA
Ca_Desi_Ch_scaffold00473_104255	Ca_desi_scaffold	104255	[A/G]	NA
Ca_Desi_Ch_scaffold00473_104262	Ca_desi_scaffold	104262	[A/G]	NA
Ca_Desi_Ch_scaffold00473_104270	Ca_desi_scaffold	104270	[A/C]	NA
Ca_Desi_Ch_scaffold00473_141612	Ca_desi_scaffold	141612	[C/A]	NA
Ca_Desi_Ch_scaffold00473_141613	Ca_desi_scaffold	141613	[T/G]	NA
Ca_Desi_Ch_scaffold00473_141614	Ca_desi_scaffold	141614	[G/A]	NA
Ca_Desi_Ch_scaffold00473_141615	Ca_desi_scaffold	141615	[G/T]	NA
Ca_Desi_Ch_scaffold00473_154904	Ca_desi_scaffold	154904	[T/G]	NA
Ca_Desi_Ch_scaffold00473_154913	Ca_desi_scaffold	154913	[G/A]	NA
Ca_Desi_Ch_scaffold00473_154922	Ca_desi_scaffold	154922	[A/T]	NA
Ca_Desi_Ch_scaffold00473_154924	Ca_desi_scaffold	154924	[C/T]	NA
Ca_Desi_Ch_scaffold00473_155146	Ca_desi_scaffold	155146	[C/T]	NA
Ca_Desi_Ch_scaffold00473_155168	Ca_desi_scaffold	155168	[T/C]	NA
Ca_Desi_Ch_scaffold00473_155182	Ca_desi_scaffold	155182	[G/A]	NA
Ca_Desi_Ch_scaffold00473_161758	Ca_desi_scaffold	161758	[C/T]	NA
Ca_Desi_Ch_scaffold00473_161766	Ca_desi_scaffold	161766	[G/C]	NA
Ca_Desi_Ch_scaffold00476_15599	Ca_desi_scaffold	15599	[A/C]	NA
Ca_Desi_Ch_scaffold00476_16266	Ca_desi_scaffold	16266	[A/C]	NA
Ca_Desi_Ch_scaffold00476_16274	Ca_desi_scaffold	16274	[T/C]	NA
Ca_Desi_Ch_scaffold00476_23776	Ca_desi_scaffold	23776	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00476_99671	Ca_desig_scaffold	99671	[T/C]	NA
Ca_Desig_Chr_scaffold00476_148083	Ca_desig_scaffold	148083	[T/A]	NA
Ca_Desig_Chr_scaffold00476_148103	Ca_desig_scaffold	148103	[A/C]	NA
Ca_Desig_Chr_scaffold00477_39708	Ca_desig_scaffold	39708	[T/C]	NA
Ca_Desig_Chr_scaffold00477_60122	Ca_desig_scaffold	60122	[T/C]	NA
Ca_Desig_Chr_scaffold00477_60145	Ca_desig_scaffold	60145	[A/T]	NA
Ca_Desig_Chr_scaffold00477_71955	Ca_desig_scaffold	71955	[T/G]	NA
Ca_Desig_Chr_scaffold00477_71957	Ca_desig_scaffold	71957	[T/G]	NA
Ca_Desig_Chr_scaffold00477_103690	Ca_desig_scaffold	103690	[T/C]	NA
Ca_Desig_Chr_scaffold00477_103701	Ca_desig_scaffold	103701	[A/T]	NA
Ca_Desig_Chr_scaffold00477_125334	Ca_desig_scaffold	125334	[A/G]	NA
Ca_Desig_Chr_scaffold00477_125464	Ca_desig_scaffold	125464	[T/C]	NA
Ca_Desig_Chr_scaffold00477_125502	Ca_desig_scaffold	125502	[T/G]	NA
Ca_Desig_Chr_scaffold00477_128423	Ca_desig_scaffold	128423	[T/C]	NA
Ca_Desig_Chr_scaffold00477_128430	Ca_desig_scaffold	128430	[A/G]	NA
Ca_Desig_Chr_scaffold00477_128433	Ca_desig_scaffold	128433	[A/G]	NA
Ca_Desig_Chr_scaffold00477_128436	Ca_desig_scaffold	128436	[A/G]	NA
Ca_Desig_Chr_scaffold00477_128456	Ca_desig_scaffold	128456	[A/G]	NA
Ca_Desig_Chr_scaffold00477_128461	Ca_desig_scaffold	128461	[T/G]	NA
Ca_Desig_Chr_scaffold00477_128478	Ca_desig_scaffold	128478	[A/G]	NA
Ca_Desig_Chr_scaffold00477_128481	Ca_desig_scaffold	128481	[T/C]	NA
Ca_Desig_Chr_scaffold00477_128483	Ca_desig_scaffold	128483	[A/G]	NA
Ca_Desig_Chr_scaffold00477_137017	Ca_desig_scaffold	137017	[T/C]	NA
Ca_Desig_Chr_scaffold00477_150163	Ca_desig_scaffold	150163	[A/G]	NA
Ca_Desig_Chr_scaffold00478_62028	Ca_desig_scaffold	62028	[T/C]	NA
Ca_Desig_Chr_scaffold00478_63560	Ca_desig_scaffold	63560	[A/C]	NA
Ca_Desig_Chr_scaffold00478_63682	Ca_desig_scaffold	63682	[A/G]	NA
Ca_Desig_Chr_scaffold00478_63877	Ca_desig_scaffold	63877	[G/A]	NA
Ca_Desig_Chr_scaffold00478_63884	Ca_desig_scaffold	63884	[T/C]	NA
Ca_Desig_Chr_scaffold00478_63894	Ca_desig_scaffold	63894	[A/G]	NA
Ca_Desig_Chr_scaffold00478_63923	Ca_desig_scaffold	63923	[T/C]	NA
Ca_Desig_Chr_scaffold00478_63934	Ca_desig_scaffold	63934	[A/G]	NA
Ca_Desig_Chr_scaffold00478_63940	Ca_desig_scaffold	63940	[T/G]	NA
Ca_Desig_Chr_scaffold00478_70202	Ca_desig_scaffold	70202	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00478_70265	Ca_desi_scaffold	70265	[A/G]	NA
Ca_Desi_Ch_scaffold00481_20530	Ca_desi_scaffold	20530	[T/A]	NA
Ca_Desi_Ch_scaffold00481_48343	Ca_desi_scaffold	48343	[C/A]	NA
Ca_Desi_Ch_scaffold00481_48344	Ca_desi_scaffold	48344	[T/G]	NA
Ca_Desi_Ch_scaffold00481_48346	Ca_desi_scaffold	48346	[A/T]	NA
Ca_Desi_Ch_scaffold00481_53505	Ca_desi_scaffold	53505	[T/C]	NA
Ca_Desi_Ch_scaffold00481_53507	Ca_desi_scaffold	53507	[T/C]	NA
Ca_Desi_Ch_scaffold00481_53522	Ca_desi_scaffold	53522	[T/C]	NA
Ca_Desi_Ch_scaffold00481_53528	Ca_desi_scaffold	53528	[A/G]	NA
Ca_Desi_Ch_scaffold00481_53534	Ca_desi_scaffold	53534	[T/C]	NA
Ca_Desi_Ch_scaffold00481_53538	Ca_desi_scaffold	53538	[A/C]	NA
Ca_Desi_Ch_scaffold00481_53541	Ca_desi_scaffold	53541	[T/C]	NA
Ca_Desi_Ch_scaffold00481_53547	Ca_desi_scaffold	53547	[A/C]	NA
Ca_Desi_Ch_scaffold00481_55775	Ca_desi_scaffold	55775	[T/C]	NA
Ca_Desi_Ch_scaffold00481_95659	Ca_desi_scaffold	95659	[A/C]	NA
Ca_Desi_Ch_scaffold00481_126578	Ca_desi_scaffold	126578	[A/C]	NA
Ca_Desi_Ch_scaffold00481_126598	Ca_desi_scaffold	126598	[A/T]	NA
Ca_Desi_Ch_scaffold00481_126606	Ca_desi_scaffold	126606	[A/C]	NA
Ca_Desi_Ch_scaffold00481_133178	Ca_desi_scaffold	133178	[T/C]	NA
Ca_Desi_Ch_scaffold00481_133182	Ca_desi_scaffold	133182	[A/C]	NA
Ca_Desi_Ch_scaffold00481_133363	Ca_desi_scaffold	133363	[G/T]	NA
Ca_Desi_Ch_scaffold00487_1422	Ca_desi_scaffold	1422	[A/G]	NA
Ca_Desi_Ch_scaffold00487_42320	Ca_desi_scaffold	42320	[A/C]	NA
Ca_Desi_Ch_scaffold00487_56856	Ca_desi_scaffold	56856	[T/G]	NA
Ca_Desi_Ch_scaffold00487_56858	Ca_desi_scaffold	56858	[G/A]	NA
Ca_Desi_Ch_scaffold00487_146620	Ca_desi_scaffold	146620	[T/C]	NA
Ca_Desi_Ch_scaffold00487_146626	Ca_desi_scaffold	146626	[A/C]	NA
Ca_Desi_Ch_scaffold00487_146647	Ca_desi_scaffold	146647	[A/C]	NA
Ca_Desi_Ch_scaffold00487_151143	Ca_desi_scaffold	151143	[A/T]	NA
Ca_Desi_Ch_scaffold00487_151159	Ca_desi_scaffold	151159	[A/C]	NA
Ca_Desi_Ch_scaffold00487_151571	Ca_desi_scaffold	151571	[T/C]	NA
Ca_Desi_Ch_scaffold00487_151606	Ca_desi_scaffold	151606	[T/G]	NA
Ca_Desi_Ch_scaffold00490_29831	Ca_desi_scaffold	29831	[A/G]	NA
Ca_Desi_Ch_scaffold00490_29836	Ca_desi_scaffold	29836	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00490_29875	Ca_desig_scaffold	29875	[T/C]	NA
Ca_Desig_Chr_scaffold00490_65391	Ca_desig_scaffold	65391	[T/G]	NA
Ca_Desig_Chr_scaffold00490_65437	Ca_desig_scaffold	65437	[A/G]	NA
Ca_Desig_Chr_scaffold00491_32734	Ca_desig_scaffold	32734	[A/G]	NA
Ca_Desig_Chr_scaffold00491_32739	Ca_desig_scaffold	32739	[T/C]	NA
Ca_Desig_Chr_scaffold00491_33900	Ca_desig_scaffold	33900	[C/A]	NA
Ca_Desig_Chr_scaffold00491_35034	Ca_desig_scaffold	35034	[G/T]	NA
Ca_Desig_Chr_scaffold00491_74743	Ca_desig_scaffold	74743	[T/C]	NA
Ca_Desig_Chr_scaffold00491_74751	Ca_desig_scaffold	74751	[A/G]	NA
Ca_Desig_Chr_scaffold00491_74785	Ca_desig_scaffold	74785	[A/C]	NA
Ca_Desig_Chr_scaffold00491_155230	Ca_desig_scaffold	155230	[A/G]	NA
Ca_Desig_Chr_scaffold00492_8589	Ca_desig_scaffold	8589	[T/A]	NA
Ca_Desig_Chr_scaffold00492_8621	Ca_desig_scaffold	8621	[T/A]	NA
Ca_Desig_Chr_scaffold00492_8625	Ca_desig_scaffold	8625	[T/G]	NA
Ca_Desig_Chr_scaffold00492_25677	Ca_desig_scaffold	25677	[G/A]	NA
Ca_Desig_Chr_scaffold00492_25679	Ca_desig_scaffold	25679	[A/G]	NA
Ca_Desig_Chr_scaffold00492_25680	Ca_desig_scaffold	25680	[A/C]	NA
Ca_Desig_Chr_scaffold00492_25681	Ca_desig_scaffold	25681	[A/C]	NA
Ca_Desig_Chr_scaffold00492_25682	Ca_desig_scaffold	25682	[G/C]	NA
Ca_Desig_Chr_scaffold00492_25683	Ca_desig_scaffold	25683	[A/T]	NA
Ca_Desig_Chr_scaffold00492_37535	Ca_desig_scaffold	37535	[A/C]	NA
Ca_Desig_Chr_scaffold00492_110002	Ca_desig_scaffold	110002	[T/C]	NA
Ca_Desig_Chr_scaffold00494_3155	Ca_desig_scaffold	3155	[A/C]	NA
Ca_Desig_Chr_scaffold00494_29982	Ca_desig_scaffold	29982	[A/T]	NA
Ca_Desig_Chr_scaffold00495_33630	Ca_desig_scaffold	33630	[T/G]	NA
Ca_Desig_Chr_scaffold00495_33663	Ca_desig_scaffold	33663	[A/G]	NA
Ca_Desig_Chr_scaffold00495_65179	Ca_desig_scaffold	65179	[C/T]	NA
Ca_Desig_Chr_scaffold00495_65383	Ca_desig_scaffold	65383	[G/C]	NA
Ca_Desig_Chr_scaffold00495_65384	Ca_desig_scaffold	65384	[G/T]	NA
Ca_Desig_Chr_scaffold00495_68595	Ca_desig_scaffold	68595	[T/A]	NA
Ca_Desig_Chr_scaffold00495_78043	Ca_desig_scaffold	78043	[A/G]	NA
Ca_Desig_Chr_scaffold00497_14567	Ca_desig_scaffold	14567	[A/C]	NA
Ca_Desig_Chr_scaffold00497_19330	Ca_desig_scaffold	19330	[A/T]	NA
Ca_Desig_Chr_scaffold00497_124398	Ca_desig_scaffold	124398	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00497_127110	Ca_desig_scaffold	127110	[T/G]	NA
Ca_Desig_Chr_scaffold00497_127112	Ca_desig_scaffold	127112	[T/C]	NA
Ca_Desig_Chr_scaffold00497_127117	Ca_desig_scaffold	127117	[A/C]	NA
Ca_Desig_Chr_scaffold00497_127136	Ca_desig_scaffold	127136	[G/T]	NA
Ca_Desig_Chr_scaffold00497_127137	Ca_desig_scaffold	127137	[T/C]	NA
Ca_Desig_Chr_scaffold00497_127591	Ca_desig_scaffold	127591	[A/C]	NA
Ca_Desig_Chr_scaffold00497_129088	Ca_desig_scaffold	129088	[A/T]	NA
Ca_Desig_Chr_scaffold00497_129103	Ca_desig_scaffold	129103	[T/G]	NA
Ca_Desig_Chr_scaffold00501_65162	Ca_desig_scaffold	65162	[T/A]	NA
Ca_Desig_Chr_scaffold00502_71283	Ca_desig_scaffold	71283	[T/C]	NA
Ca_Desig_Chr_scaffold00502_71324	Ca_desig_scaffold	71324	[A/C]	NA
Ca_Desig_Chr_scaffold00505_34380	Ca_desig_scaffold	34380	[A/C]	NA
Ca_Desig_Chr_scaffold00505_34389	Ca_desig_scaffold	34389	[A/T]	NA
Ca_Desig_Chr_scaffold00505_34405	Ca_desig_scaffold	34405	[A/T]	NA
Ca_Desig_Chr_scaffold00505_41793	Ca_desig_scaffold	41793	[A/T]	NA
Ca_Desig_Chr_scaffold00505_41794	Ca_desig_scaffold	41794	[A/T]	NA
Ca_Desig_Chr_scaffold00505_41797	Ca_desig_scaffold	41797	[T/C]	NA
Ca_Desig_Chr_scaffold00505_41815	Ca_desig_scaffold	41815	[A/C]	NA
Ca_Desig_Chr_scaffold00505_41822	Ca_desig_scaffold	41822	[A/G]	NA
Ca_Desig_Chr_scaffold00505_48469	Ca_desig_scaffold	48469	[A/C]	NA
Ca_Desig_Chr_scaffold00505_48499	Ca_desig_scaffold	48499	[A/C]	NA
Ca_Desig_Chr_scaffold00505_51938	Ca_desig_scaffold	51938	[A/C]	NA
Ca_Desig_Chr_scaffold00505_51965	Ca_desig_scaffold	51965	[T/G]	NA
Ca_Desig_Chr_scaffold00505_65163	Ca_desig_scaffold	65163	[C/T]	NA
Ca_Desig_Chr_scaffold00505_65164	Ca_desig_scaffold	65164	[T/C]	NA
Ca_Desig_Chr_scaffold00505_65174	Ca_desig_scaffold	65174	[C/T]	NA
Ca_Desig_Chr_scaffold00505_65175	Ca_desig_scaffold	65175	[T/C]	NA
Ca_Desig_Chr_scaffold00505_65177	Ca_desig_scaffold	65177	[T/C]	NA
Ca_Desig_Chr_scaffold00505_65198	Ca_desig_scaffold	65198	[A/T]	NA
Ca_Desig_Chr_scaffold00505_102206	Ca_desig_scaffold	102206	[A/G]	NA
Ca_Desig_Chr_scaffold00505_116713	Ca_desig_scaffold	116713	[T/A]	NA
Ca_Desig_Chr_scaffold00505_117825	Ca_desig_scaffold	117825	[A/G]	NA
Ca_Desig_Chr_scaffold00505_117860	Ca_desig_scaffold	117860	[A/G]	NA
Ca_Desig_Chr_scaffold00505_130160	Ca_desig_scaffold	130160	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00505_130320	Ca_desig_scaffold	130320	[A/C]	NA
Ca_DesigChr_scaffold00505_139298	Ca_desig_scaffold	139298	[A/C]	NA
Ca_DesigChr_scaffold00509_60157	Ca_desig_scaffold	60157	[T/G]	NA
Ca_DesigChr_scaffold00509_60175	Ca_desig_scaffold	60175	[A/G]	NA
Ca_DesigChr_scaffold00509_60176	Ca_desig_scaffold	60176	[G/T]	NA
Ca_DesigChr_scaffold00510_77666	Ca_desig_scaffold	77666	[T/G]	NA
Ca_DesigChr_scaffold00515_17208	Ca_desig_scaffold	17208	[A/C]	NA
Ca_DesigChr_scaffold00515_17214	Ca_desig_scaffold	17214	[A/C]	NA
Ca_DesigChr_scaffold00515_46439	Ca_desig_scaffold	46439	[A/G]	NA
Ca_DesigChr_scaffold00515_46442	Ca_desig_scaffold	46442	[A/T]	NA
Ca_DesigChr_scaffold00515_46449	Ca_desig_scaffold	46449	[T/C]	NA
Ca_DesigChr_scaffold00515_46461	Ca_desig_scaffold	46461	[T/G]	NA
Ca_DesigChr_scaffold00515_46466	Ca_desig_scaffold	46466	[T/G]	NA
Ca_DesigChr_scaffold00515_76618	Ca_desig_scaffold	76618	[A/C]	NA
Ca_DesigChr_scaffold00515_76645	Ca_desig_scaffold	76645	[A/T]	NA
Ca_DesigChr_scaffold00515_80218	Ca_desig_scaffold	80218	[T/C]	NA
Ca_DesigChr_scaffold00515_80522	Ca_desig_scaffold	80522	[T/G]	NA
Ca_DesigChr_scaffold00515_144058	Ca_desig_scaffold	144058	[T/G]	NA
Ca_DesigChr_scaffold00515_144498	Ca_desig_scaffold	144498	[T/C]	NA
Ca_DesigChr_scaffold00517_84696	Ca_desig_scaffold	84696	[A/G]	NA
Ca_DesigChr_scaffold00517_84706	Ca_desig_scaffold	84706	[T/G]	NA
Ca_DesigChr_scaffold00517_84708	Ca_desig_scaffold	84708	[A/G]	NA
Ca_DesigChr_scaffold00517_84710	Ca_desig_scaffold	84710	[T/G]	NA
Ca_DesigChr_scaffold00517_84712	Ca_desig_scaffold	84712	[T/C]	NA
Ca_DesigChr_scaffold00517_84726	Ca_desig_scaffold	84726	[A/T]	NA
Ca_DesigChr_scaffold00518_68949	Ca_desig_scaffold	68949	[A/G]	NA
Ca_DesigChr_scaffold00518_76069	Ca_desig_scaffold	76069	[G/A]	NA
Ca_DesigChr_scaffold00518_123875	Ca_desig_scaffold	123875	[A/G]	NA
Ca_DesigChr_scaffold00518_126179	Ca_desig_scaffold	126179	[T/C]	NA
Ca_DesigChr_scaffold00518_126205	Ca_desig_scaffold	126205	[A/C]	NA
Ca_DesigChr_scaffold00519_148327	Ca_desig_scaffold	148327	[G/A]	NA
Ca_DesigChr_scaffold00520_22882	Ca_desig_scaffold	22882	[C/A]	NA
Ca_DesigChr_scaffold00520_22883	Ca_desig_scaffold	22883	[C/G]	NA
Ca_DesigChr_scaffold00520_22884	Ca_desig_scaffold	22884	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00520_32672	Ca_desi_scaffold	32672	[T/C]	NA
Ca_Desi_Ch_scaffold00520_32695	Ca_desi_scaffold	32695	[T/C]	NA
Ca_Desi_Ch_scaffold00520_32705	Ca_desi_scaffold	32705	[T/C]	NA
Ca_Desi_Ch_scaffold00520_72332	Ca_desi_scaffold	72332	[A/G]	NA
Ca_Desi_Ch_scaffold00520_72343	Ca_desi_scaffold	72343	[A/G]	NA
Ca_Desi_Ch_scaffold00520_72356	Ca_desi_scaffold	72356	[T/C]	NA
Ca_Desi_Ch_scaffold00520_72360	Ca_desi_scaffold	72360	[T/C]	NA
Ca_Desi_Ch_scaffold00520_72367	Ca_desi_scaffold	72367	[T/C]	NA
Ca_Desi_Ch_scaffold00520_72372	Ca_desi_scaffold	72372	[G/T]	NA
Ca_Desi_Ch_scaffold00520_72390	Ca_desi_scaffold	72390	[T/C]	NA
Ca_Desi_Ch_scaffold00520_72393	Ca_desi_scaffold	72393	[T/C]	NA
Ca_Desi_Ch_scaffold00520_121943	Ca_desi_scaffold	121943	[A/C]	NA
Ca_Desi_Ch_scaffold00520_121953	Ca_desi_scaffold	121953	[T/G]	NA
Ca_Desi_Ch_scaffold00521_22803	Ca_desi_scaffold	22803	[A/C]	NA
Ca_Desi_Ch_scaffold00521_23808	Ca_desi_scaffold	23808	[T/G]	NA
Ca_Desi_Ch_scaffold00521_23812	Ca_desi_scaffold	23812	[T/C]	NA
Ca_Desi_Ch_scaffold00521_23817	Ca_desi_scaffold	23817	[A/G]	NA
Ca_Desi_Ch_scaffold00521_23830	Ca_desi_scaffold	23830	[T/G]	NA
Ca_Desi_Ch_scaffold00521_23840	Ca_desi_scaffold	23840	[G/A]	NA
Ca_Desi_Ch_scaffold00521_23845	Ca_desi_scaffold	23845	[T/C]	NA
Ca_Desi_Ch_scaffold00521_48952	Ca_desi_scaffold	48952	[T/G]	NA
Ca_Desi_Ch_scaffold00522_1779	Ca_desi_scaffold	1779	[A/C]	NA
Ca_Desi_Ch_scaffold00522_1794	Ca_desi_scaffold	1794	[A/C]	NA
Ca_Desi_Ch_scaffold00522_1901	Ca_desi_scaffold	1901	[C/A]	NA
Ca_Desi_Ch_scaffold00522_1902	Ca_desi_scaffold	1902	[A/G]	NA
Ca_Desi_Ch_scaffold00522_1939	Ca_desi_scaffold	1939	[A/C]	NA
Ca_Desi_Ch_scaffold00522_1946	Ca_desi_scaffold	1946	[T/A]	NA
Ca_Desi_Ch_scaffold00522_1948	Ca_desi_scaffold	1948	[A/C]	NA
Ca_Desi_Ch_scaffold00522_1954	Ca_desi_scaffold	1954	[A/C]	NA
Ca_Desi_Ch_scaffold00522_1955	Ca_desi_scaffold	1955	[A/C]	NA
Ca_Desi_Ch_scaffold00522_2406	Ca_desi_scaffold	2406	[G/A]	NA
Ca_Desi_Ch_scaffold00522_73650	Ca_desi_scaffold	73650	[T/C]	NA
Ca_Desi_Ch_scaffold00522_73666	Ca_desi_scaffold	73666	[T/G]	NA
Ca_Desi_Ch_scaffold00522_73720	Ca_desi_scaffold	73720	[A/T]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00522_77190	Ca_desi_scaffold	77190	[A/T]	NA
Ca_Desi_Ch_scaffold00522_105144	Ca_desi_scaffold	105144	[C/T]	NA
Ca_Desi_Ch_scaffold00522_105154	Ca_desi_scaffold	105154	[A/C]	NA
Ca_Desi_Ch_scaffold00522_105163	Ca_desi_scaffold	105163	[G/T]	NA
Ca_Desi_Ch_scaffold00522_105172	Ca_desi_scaffold	105172	[A/C]	NA
Ca_Desi_Ch_scaffold00522_105182	Ca_desi_scaffold	105182	[A/G]	NA
Ca_Desi_Ch_scaffold00522_105202	Ca_desi_scaffold	105202	[C/T]	NA
Ca_Desi_Ch_scaffold00522_121416	Ca_desi_scaffold	121416	[T/C]	NA
Ca_Desi_Ch_scaffold00522_121425	Ca_desi_scaffold	121425	[T/C]	NA
Ca_Desi_Ch_scaffold00522_121442	Ca_desi_scaffold	121442	[A/G]	NA
Ca_Desi_Ch_scaffold00522_124257	Ca_desi_scaffold	124257	[A/C]	NA
Ca_Desi_Ch_scaffold00522_124268	Ca_desi_scaffold	124268	[T/C]	NA
Ca_Desi_Ch_scaffold00522_127205	Ca_desi_scaffold	127205	[C/A]	NA
Ca_Desi_Ch_scaffold00522_127237	Ca_desi_scaffold	127237	[A/C]	NA
Ca_Desi_Ch_scaffold00522_127253	Ca_desi_scaffold	127253	[A/C]	NA
Ca_Desi_Ch_scaffold00523_66853	Ca_desi_scaffold	66853	[T/G]	NA
Ca_Desi_Ch_scaffold00526_123257	Ca_desi_scaffold	123257	[T/A]	NA
Ca_Desi_Ch_scaffold00526_123301	Ca_desi_scaffold	123301	[A/C]	NA
Ca_Desi_Ch_scaffold00529_42505	Ca_desi_scaffold	42505	[G/A]	NA
Ca_Desi_Ch_scaffold00534_43371	Ca_desi_scaffold	43371	[T/G]	NA
Ca_Desi_Ch_scaffold00536_63256	Ca_desi_scaffold	63256	[A/C]	NA
Ca_Desi_Ch_scaffold00538_5224	Ca_desi_scaffold	5224	[G/T]	NA
Ca_Desi_Ch_scaffold00538_5225	Ca_desi_scaffold	5225	[T/G]	NA
Ca_Desi_Ch_scaffold00538_57882	Ca_desi_scaffold	57882	[T/G]	NA
Ca_Desi_Ch_scaffold00538_78789	Ca_desi_scaffold	78789	[T/A]	NA
Ca_Desi_Ch_scaffold00538_78814	Ca_desi_scaffold	78814	[T/A]	NA
Ca_Desi_Ch_scaffold00538_96762	Ca_desi_scaffold	96762	[C/A]	NA
Ca_Desi_Ch_scaffold00539_39144	Ca_desi_scaffold	39144	[T/G]	NA
Ca_Desi_Ch_scaffold00539_39150	Ca_desi_scaffold	39150	[T/G]	NA
Ca_Desi_Ch_scaffold00539_137532	Ca_desi_scaffold	137532	[A/C]	NA
Ca_Desi_Ch_scaffold00539_137625	Ca_desi_scaffold	137625	[T/C]	NA
Ca_Desi_Ch_scaffold00541_1769	Ca_desi_scaffold	1769	[T/A]	NA
Ca_Desi_Ch_scaffold00541_63800	Ca_desi_scaffold	63800	[G/A]	NA
Ca_Desi_Ch_scaffold00541_63804	Ca_desi_scaffold	63804	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00541_63888	Ca_desig_scaffold	63888	[T/G]	NA
Ca_DesigChr_scaffold00541_97543	Ca_desig_scaffold	97543	[A/T]	NA
Ca_DesigChr_scaffold00541_119768	Ca_desig_scaffold	119768	[T/G]	NA
Ca_DesigChr_scaffold00541_119798	Ca_desig_scaffold	119798	[A/G]	NA
Ca_DesigChr_scaffold00544_4659	Ca_desig_scaffold	4659	[T/G]	NA
Ca_DesigChr_scaffold00544_54773	Ca_desig_scaffold	54773	[A/C]	NA
Ca_DesigChr_scaffold00544_137630	Ca_desig_scaffold	137630	[C/A]	NA
Ca_DesigChr_scaffold00544_140418	Ca_desig_scaffold	140418	[T/C]	NA
Ca_DesigChr_scaffold00544_141186	Ca_desig_scaffold	141186	[A/G]	NA
Ca_DesigChr_scaffold00544_141268	Ca_desig_scaffold	141268	[T/C]	NA
Ca_DesigChr_scaffold00549_53290	Ca_desig_scaffold	53290	[C/T]	NA
Ca_DesigChr_scaffold00549_53315	Ca_desig_scaffold	53315	[A/G]	NA
Ca_DesigChr_scaffold00549_53338	Ca_desig_scaffold	53338	[A/C]	NA
Ca_DesigChr_scaffold00549_114462	Ca_desig_scaffold	114462	[T/G]	NA
Ca_DesigChr_scaffold00549_114554	Ca_desig_scaffold	114554	[G/A]	NA
Ca_DesigChr_scaffold00551_11169	Ca_desig_scaffold	11169	[G/A]	NA
Ca_DesigChr_scaffold00551_15632	Ca_desig_scaffold	15632	[T/A]	NA
Ca_DesigChr_scaffold00551_15835	Ca_desig_scaffold	15835	[G/A]	NA
Ca_DesigChr_scaffold00551_15856	Ca_desig_scaffold	15856	[A/G]	NA
Ca_DesigChr_scaffold00551_15868	Ca_desig_scaffold	15868	[A/G]	NA
Ca_DesigChr_scaffold00551_25672	Ca_desig_scaffold	25672	[A/C]	NA
Ca_DesigChr_scaffold00551_30709	Ca_desig_scaffold	30709	[C/G]	NA
Ca_DesigChr_scaffold00551_38527	Ca_desig_scaffold	38527	[A/T]	NA
Ca_DesigChr_scaffold00551_122488	Ca_desig_scaffold	122488	[T/C]	NA
Ca_DesigChr_scaffold00551_122496	Ca_desig_scaffold	122496	[A/C]	NA
Ca_DesigChr_scaffold00553_105119	Ca_desig_scaffold	105119	[T/C]	NA
Ca_DesigChr_scaffold00553_107552	Ca_desig_scaffold	107552	[C/T]	NA
Ca_DesigChr_scaffold00553_138911	Ca_desig_scaffold	138911	[T/C]	NA
Ca_DesigChr_scaffold00553_138918	Ca_desig_scaffold	138918	[A/G]	NA
Ca_DesigChr_scaffold00553_138920	Ca_desig_scaffold	138920	[T/C]	NA
Ca_DesigChr_scaffold00553_138931	Ca_desig_scaffold	138931	[T/C]	NA
Ca_DesigChr_scaffold00553_138939	Ca_desig_scaffold	138939	[T/G]	NA
Ca_DesigChr_scaffold00555_104287	Ca_desig_scaffold	104287	[T/C]	NA
Ca_DesigChr_scaffold00555_104291	Ca_desig_scaffold	104291	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00555_104296	Ca_desi_scaffold	104296	[A/G]	NA
Ca_Desi_Ch_scaffold00555_104302	Ca_desi_scaffold	104302	[T/C]	NA
Ca_Desi_Ch_scaffold00555_104304	Ca_desi_scaffold	104304	[A/C]	NA
Ca_Desi_Ch_scaffold00555_104336	Ca_desi_scaffold	104336	[A/C]	NA
Ca_Desi_Ch_scaffold00557_58519	Ca_desi_scaffold	58519	[T/G]	NA
Ca_Desi_Ch_scaffold00557_58520	Ca_desi_scaffold	58520	[A/T]	NA
Ca_Desi_Ch_scaffold00557_58584	Ca_desi_scaffold	58584	[C/T]	NA
Ca_Desi_Ch_scaffold00557_58588	Ca_desi_scaffold	58588	[T/C]	NA
Ca_Desi_Ch_scaffold00557_61058	Ca_desi_scaffold	61058	[A/T]	NA
Ca_Desi_Ch_scaffold00557_61075	Ca_desi_scaffold	61075	[T/C]	NA
Ca_Desi_Ch_scaffold00557_64954	Ca_desi_scaffold	64954	[A/G]	NA
Ca_Desi_Ch_scaffold00557_135544	Ca_desi_scaffold	135544	[A/C]	NA
Ca_Desi_Ch_scaffold00557_135579	Ca_desi_scaffold	135579	[A/G]	NA
Ca_Desi_Ch_scaffold00557_135590	Ca_desi_scaffold	135590	[T/C]	NA
Ca_Desi_Ch_scaffold00558_52127	Ca_desi_scaffold	52127	[T/C]	NA
Ca_Desi_Ch_scaffold00558_80335	Ca_desi_scaffold	80335	[T/G]	NA
Ca_Desi_Ch_scaffold00558_80341	Ca_desi_scaffold	80341	[A/G]	NA
Ca_Desi_Ch_scaffold00558_80359	Ca_desi_scaffold	80359	[C/A]	NA
Ca_Desi_Ch_scaffold00558_80360	Ca_desi_scaffold	80360	[T/C]	NA
Ca_Desi_Ch_scaffold00558_107866	Ca_desi_scaffold	107866	[A/G]	NA
Ca_Desi_Ch_scaffold00558_107873	Ca_desi_scaffold	107873	[T/G]	NA
Ca_Desi_Ch_scaffold00568_55798	Ca_desi_scaffold	55798	[A/C]	NA
Ca_Desi_Ch_scaffold00568_75197	Ca_desi_scaffold	75197	[G/A]	NA
Ca_Desi_Ch_scaffold00568_124820	Ca_desi_scaffold	124820	[A/G]	NA
Ca_Desi_Ch_scaffold00568_125813	Ca_desi_scaffold	125813	[T/G]	NA
Ca_Desi_Ch_scaffold00568_125818	Ca_desi_scaffold	125818	[T/G]	NA
Ca_Desi_Ch_scaffold00570_74399	Ca_desi_scaffold	74399	[T/C]	NA
Ca_Desi_Ch_scaffold00570_74416	Ca_desi_scaffold	74416	[A/G]	NA
Ca_Desi_Ch_scaffold00571_66779	Ca_desi_scaffold	66779	[T/C]	NA
Ca_Desi_Ch_scaffold00576_107481	Ca_desi_scaffold	107481	[G/T]	NA
Ca_Desi_Ch_scaffold00576_107482	Ca_desi_scaffold	107482	[A/T]	NA
Ca_Desi_Ch_scaffold00576_107498	Ca_desi_scaffold	107498	[T/G]	NA
Ca_Desi_Ch_scaffold00579_29917	Ca_desi_scaffold	29917	[T/A]	NA
Ca_Desi_Ch_scaffold00579_29925	Ca_desi_scaffold	29925	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00579_29938	Ca_desi_scaffold	29938	[A/C]	NA
Ca_Desi_Ch_scaffold00579_29943	Ca_desi_scaffold	29943	[A/C]	NA
Ca_Desi_Ch_scaffold00579_32816	Ca_desi_scaffold	32816	[T/C]	NA
Ca_Desi_Ch_scaffold00579_45024	Ca_desi_scaffold	45024	[T/A]	NA
Ca_Desi_Ch_scaffold00579_113782	Ca_desi_scaffold	113782	[T/G]	NA
Ca_Desi_Ch_scaffold00580_51028	Ca_desi_scaffold	51028	[T/A]	NA
Ca_Desi_Ch_scaffold00580_68142	Ca_desi_scaffold	68142	[A/C]	NA
Ca_Desi_Ch_scaffold00581_23323	Ca_desi_scaffold	23323	[T/A]	NA
Ca_Desi_Ch_scaffold00581_23329	Ca_desi_scaffold	23329	[T/G]	NA
Ca_Desi_Ch_scaffold00581_23334	Ca_desi_scaffold	23334	[A/C]	NA
Ca_Desi_Ch_scaffold00581_23351	Ca_desi_scaffold	23351	[A/T]	NA
Ca_Desi_Ch_scaffold00581_34444	Ca_desi_scaffold	34444	[A/C]	NA
Ca_Desi_Ch_scaffold00581_34470	Ca_desi_scaffold	34470	[A/G]	NA
Ca_Desi_Ch_scaffold00581_35428	Ca_desi_scaffold	35428	[G/A]	NA
Ca_Desi_Ch_scaffold00581_35429	Ca_desi_scaffold	35429	[G/A]	NA
Ca_Desi_Ch_scaffold00581_35430	Ca_desi_scaffold	35430	[A/G]	NA
Ca_Desi_Ch_scaffold00581_35680	Ca_desi_scaffold	35680	[T/A]	NA
Ca_Desi_Ch_scaffold00581_35683	Ca_desi_scaffold	35683	[T/G]	NA
Ca_Desi_Ch_scaffold00581_35686	Ca_desi_scaffold	35686	[A/C]	NA
Ca_Desi_Ch_scaffold00581_35696	Ca_desi_scaffold	35696	[A/C]	NA
Ca_Desi_Ch_scaffold00581_111447	Ca_desi_scaffold	111447	[T/A]	NA
Ca_Desi_Ch_scaffold00582_8116	Ca_desi_scaffold	8116	[G/A]	NA
Ca_Desi_Ch_scaffold00582_8119	Ca_desi_scaffold	8119	[T/A]	NA
Ca_Desi_Ch_scaffold00582_19254	Ca_desi_scaffold	19254	[T/G]	NA
Ca_Desi_Ch_scaffold00582_20302	Ca_desi_scaffold	20302	[T/C]	NA
Ca_Desi_Ch_scaffold00583_37728	Ca_desi_scaffold	37728	[T/C]	NA
Ca_Desi_Ch_scaffold00583_43297	Ca_desi_scaffold	43297	[A/C]	NA
Ca_Desi_Ch_scaffold00585_65955	Ca_desi_scaffold	65955	[A/T]	NA
Ca_Desi_Ch_scaffold00587_16156	Ca_desi_scaffold	16156	[A/G]	NA
Ca_Desi_Ch_scaffold00587_16165	Ca_desi_scaffold	16165	[A/C]	NA
Ca_Desi_Ch_scaffold00587_16188	Ca_desi_scaffold	16188	[A/C]	NA
Ca_Desi_Ch_scaffold00587_16194	Ca_desi_scaffold	16194	[T/G]	NA
Ca_Desi_Ch_scaffold00587_16196	Ca_desi_scaffold	16196	[T/C]	NA
Ca_Desi_Ch_scaffold00587_16209	Ca_desi_scaffold	16209	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00587_112173	Ca_desig_scaffold	112173	[C/T]	NA
Ca_Desig_Chr_scaffold00592_4557	Ca_desig_scaffold	4557	[T/C]	NA
Ca_Desig_Chr_scaffold00592_4564	Ca_desig_scaffold	4564	[A/G]	NA
Ca_Desig_Chr_scaffold00592_4593	Ca_desig_scaffold	4593	[A/G]	NA
Ca_Desig_Chr_scaffold00592_16074	Ca_desig_scaffold	16074	[A/T]	NA
Ca_Desig_Chr_scaffold00592_16091	Ca_desig_scaffold	16091	[C/G]	NA
Ca_Desig_Chr_scaffold00592_16155	Ca_desig_scaffold	16155	[C/G]	NA
Ca_Desig_Chr_scaffold00592_17412	Ca_desig_scaffold	17412	[T/C]	NA
Ca_Desig_Chr_scaffold00592_17425	Ca_desig_scaffold	17425	[T/A]	NA
Ca_Desig_Chr_scaffold00592_17445	Ca_desig_scaffold	17445	[T/A]	NA
Ca_Desig_Chr_scaffold00592_17506	Ca_desig_scaffold	17506	[A/T]	NA
Ca_Desig_Chr_scaffold00592_22430	Ca_desig_scaffold	22430	[T/G]	NA
Ca_Desig_Chr_scaffold00592_22433	Ca_desig_scaffold	22433	[C/G]	NA
Ca_Desig_Chr_scaffold00592_22445	Ca_desig_scaffold	22445	[T/C]	NA
Ca_Desig_Chr_scaffold00592_22450	Ca_desig_scaffold	22450	[C/G]	NA
Ca_Desig_Chr_scaffold00592_22463	Ca_desig_scaffold	22463	[A/G]	NA
Ca_Desig_Chr_scaffold00592_22476	Ca_desig_scaffold	22476	[A/G]	NA
Ca_Desig_Chr_scaffold00592_34202	Ca_desig_scaffold	34202	[T/G]	NA
Ca_Desig_Chr_scaffold00592_34214	Ca_desig_scaffold	34214	[T/G]	NA
Ca_Desig_Chr_scaffold00592_34218	Ca_desig_scaffold	34218	[A/G]	NA
Ca_Desig_Chr_scaffold00592_34228	Ca_desig_scaffold	34228	[T/C]	NA
Ca_Desig_Chr_scaffold00592_34254	Ca_desig_scaffold	34254	[T/G]	NA
Ca_Desig_Chr_scaffold00592_34260	Ca_desig_scaffold	34260	[A/G]	NA
Ca_Desig_Chr_scaffold00592_34263	Ca_desig_scaffold	34263	[T/G]	NA
Ca_Desig_Chr_scaffold00592_34275	Ca_desig_scaffold	34275	[T/G]	NA
Ca_Desig_Chr_scaffold00592_34288	Ca_desig_scaffold	34288	[A/G]	NA
Ca_Desig_Chr_scaffold00592_34289	Ca_desig_scaffold	34289	[C/A]	NA
Ca_Desig_Chr_scaffold00592_47796	Ca_desig_scaffold	47796	[A/T]	NA
Ca_Desig_Chr_scaffold00592_47812	Ca_desig_scaffold	47812	[A/G]	NA
Ca_Desig_Chr_scaffold00592_47816	Ca_desig_scaffold	47816	[A/G]	NA
Ca_Desig_Chr_scaffold00592_47820	Ca_desig_scaffold	47820	[T/C]	NA
Ca_Desig_Chr_scaffold00592_128486	Ca_desig_scaffold	128486	[T/C]	NA
Ca_Desig_Chr_scaffold00592_128498	Ca_desig_scaffold	128498	[A/G]	NA
Ca_Desig_Chr_scaffold00592_128510	Ca_desig_scaffold	128510	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00598_40248	Ca_desi_scaffold	40248	[T/G]	NA
Ca_Desi_Ch_scaffold00598_40251	Ca_desi_scaffold	40251	[A/G]	NA
Ca_Desi_Ch_scaffold00598_40255	Ca_desi_scaffold	40255	[A/G]	NA
Ca_Desi_Ch_scaffold00598_40267	Ca_desi_scaffold	40267	[T/C]	NA
Ca_Desi_Ch_scaffold00598_54407	Ca_desi_scaffold	54407	[A/T]	NA
Ca_Desi_Ch_scaffold00601_5841	Ca_desi_scaffold	5841	[T/G]	NA
Ca_Desi_Ch_scaffold00601_11946	Ca_desi_scaffold	11946	[T/A]	NA
Ca_Desi_Ch_scaffold00601_43339	Ca_desi_scaffold	43339	[A/G]	NA
Ca_Desi_Ch_scaffold00601_100331	Ca_desi_scaffold	100331	[T/C]	NA
Ca_Desi_Ch_scaffold00601_101201	Ca_desi_scaffold	101201	[T/G]	NA
Ca_Desi_Ch_scaffold00601_101214	Ca_desi_scaffold	101214	[A/G]	NA
Ca_Desi_Ch_scaffold00601_101236	Ca_desi_scaffold	101236	[A/C]	NA
Ca_Desi_Ch_scaffold00601_101244	Ca_desi_scaffold	101244	[A/G]	NA
Ca_Desi_Ch_scaffold00601_101290	Ca_desi_scaffold	101290	[T/G]	NA
Ca_Desi_Ch_scaffold00601_101304	Ca_desi_scaffold	101304	[G/C]	NA
Ca_Desi_Ch_scaffold00603_15560	Ca_desi_scaffold	15560	[T/G]	NA
Ca_Desi_Ch_scaffold00603_15606	Ca_desi_scaffold	15606	[A/G]	NA
Ca_Desi_Ch_scaffold00603_21255	Ca_desi_scaffold	21255	[T/G]	NA
Ca_Desi_Ch_scaffold00603_77045	Ca_desi_scaffold	77045	[A/C]	NA
Ca_Desi_Ch_scaffold00603_77410	Ca_desi_scaffold	77410	[T/C]	NA
Ca_Desi_Ch_scaffold00603_77440	Ca_desi_scaffold	77440	[A/G]	NA
Ca_Desi_Ch_scaffold00603_77475	Ca_desi_scaffold	77475	[T/C]	NA
Ca_Desi_Ch_scaffold00603_77484	Ca_desi_scaffold	77484	[A/C]	NA
Ca_Desi_Ch_scaffold00603_77487	Ca_desi_scaffold	77487	[A/G]	NA
Ca_Desi_Ch_scaffold00603_77488	Ca_desi_scaffold	77488	[A/G]	NA
Ca_Desi_Ch_scaffold00603_77497	Ca_desi_scaffold	77497	[A/C]	NA
Ca_Desi_Ch_scaffold00603_77511	Ca_desi_scaffold	77511	[T/C]	NA
Ca_Desi_Ch_scaffold00603_77515	Ca_desi_scaffold	77515	[T/C]	NA
Ca_Desi_Ch_scaffold00603_77518	Ca_desi_scaffold	77518	[A/G]	NA
Ca_Desi_Ch_scaffold00603_77524	Ca_desi_scaffold	77524	[T/C]	NA
Ca_Desi_Ch_scaffold00603_77526	Ca_desi_scaffold	77526	[T/C]	NA
Ca_Desi_Ch_scaffold00603_77529	Ca_desi_scaffold	77529	[T/C]	NA
Ca_Desi_Ch_scaffold00603_77537	Ca_desi_scaffold	77537	[A/G]	NA
Ca_Desi_Ch_scaffold00603_78087	Ca_desi_scaffold	78087	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00603_78102	Ca_desig_scaffold	78102	[T/G]	NA
Ca_Desig_Chr_scaffold00603_78117	Ca_desig_scaffold	78117	[T/G]	NA
Ca_Desig_Chr_scaffold00603_78127	Ca_desig_scaffold	78127	[T/G]	NA
Ca_Desig_Chr_scaffold00604_27312	Ca_desig_scaffold	27312	[A/G]	NA
Ca_Desig_Chr_scaffold00604_27332	Ca_desig_scaffold	27332	[T/C]	NA
Ca_Desig_Chr_scaffold00604_27343	Ca_desig_scaffold	27343	[T/C]	NA
Ca_Desig_Chr_scaffold00604_27352	Ca_desig_scaffold	27352	[A/G]	NA
Ca_Desig_Chr_scaffold00604_27360	Ca_desig_scaffold	27360	[A/G]	NA
Ca_Desig_Chr_scaffold00604_27372	Ca_desig_scaffold	27372	[T/A]	NA
Ca_Desig_Chr_scaffold00604_46339	Ca_desig_scaffold	46339	[T/C]	NA
Ca_Desig_Chr_scaffold00604_46392	Ca_desig_scaffold	46392	[A/C]	NA
Ca_Desig_Chr_scaffold00604_70270	Ca_desig_scaffold	70270	[A/G]	NA
Ca_Desig_Chr_scaffold00604_82344	Ca_desig_scaffold	82344	[T/G]	NA
Ca_Desig_Chr_scaffold00604_97629	Ca_desig_scaffold	97629	[T/G]	NA
Ca_Desig_Chr_scaffold00604_97744	Ca_desig_scaffold	97744	[A/C]	NA
Ca_Desig_Chr_scaffold00606_59513	Ca_desig_scaffold	59513	[A/T]	NA
Ca_Desig_Chr_scaffold00606_59514	Ca_desig_scaffold	59514	[A/C]	NA
Ca_Desig_Chr_scaffold00606_59515	Ca_desig_scaffold	59515	[G/T]	NA
Ca_Desig_Chr_scaffold00606_132097	Ca_desig_scaffold	132097	[G/A]	NA
Ca_Desig_Chr_scaffold00606_132098	Ca_desig_scaffold	132098	[A/T]	NA
Ca_Desig_Chr_scaffold00606_132099	Ca_desig_scaffold	132099	[A/C]	NA
Ca_Desig_Chr_scaffold00606_132100	Ca_desig_scaffold	132100	[G/T]	NA
Ca_Desig_Chr_scaffold00606_133867	Ca_desig_scaffold	133867	[T/G]	NA
Ca_Desig_Chr_scaffold00606_133878	Ca_desig_scaffold	133878	[T/G]	NA
Ca_Desig_Chr_scaffold00607_52883	Ca_desig_scaffold	52883	[A/G]	NA
Ca_Desig_Chr_scaffold00607_52899	Ca_desig_scaffold	52899	[A/G]	NA
Ca_Desig_Chr_scaffold00607_52901	Ca_desig_scaffold	52901	[A/G]	NA
Ca_Desig_Chr_scaffold00607_52903	Ca_desig_scaffold	52903	[A/G]	NA
Ca_Desig_Chr_scaffold00607_52920	Ca_desig_scaffold	52920	[G/A]	NA
Ca_Desig_Chr_scaffold00607_52924	Ca_desig_scaffold	52924	[A/G]	NA
Ca_Desig_Chr_scaffold00607_52927	Ca_desig_scaffold	52927	[G/A]	NA
Ca_Desig_Chr_scaffold00607_52933	Ca_desig_scaffold	52933	[A/G]	NA
Ca_Desig_Chr_scaffold00607_52937	Ca_desig_scaffold	52937	[A/G]	NA
Ca_Desig_Chr_scaffold00607_52939	Ca_desig_scaffold	52939	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00607_52945	Ca_desi_scaffold	52945	[A/G]	NA
Ca_Desi_Ch_scaffold00607_52946	Ca_desi_scaffold	52946	[G/A]	NA
Ca_Desi_Ch_scaffold00607_52947	Ca_desi_scaffold	52947	[A/G]	NA
Ca_Desi_Ch_scaffold00607_52948	Ca_desi_scaffold	52948	[T/A]	NA
Ca_Desi_Ch_scaffold00607_52952	Ca_desi_scaffold	52952	[A/G]	NA
Ca_Desi_Ch_scaffold00607_52957	Ca_desi_scaffold	52957	[A/G]	NA
Ca_Desi_Ch_scaffold00607_52959	Ca_desi_scaffold	52959	[A/G]	NA
Ca_Desi_Ch_scaffold00607_52962	Ca_desi_scaffold	52962	[A/G]	NA
Ca_Desi_Ch_scaffold00607_52968	Ca_desi_scaffold	52968	[T/G]	NA
Ca_Desi_Ch_scaffold00607_52978	Ca_desi_scaffold	52978	[T/G]	NA
Ca_Desi_Ch_scaffold00607_52990	Ca_desi_scaffold	52990	[T/G]	NA
Ca_Desi_Ch_scaffold00607_52994	Ca_desi_scaffold	52994	[T/A]	NA
Ca_Desi_Ch_scaffold00607_79727	Ca_desi_scaffold	79727	[G/C]	NA
Ca_Desi_Ch_scaffold00607_79729	Ca_desi_scaffold	79729	[C/A]	NA
Ca_Desi_Ch_scaffold00607_104070	Ca_desi_scaffold	104070	[T/C]	NA
Ca_Desi_Ch_scaffold00607_104074	Ca_desi_scaffold	104074	[T/C]	NA
Ca_Desi_Ch_scaffold00607_104098	Ca_desi_scaffold	104098	[G/A]	NA
Ca_Desi_Ch_scaffold00607_104105	Ca_desi_scaffold	104105	[G/A]	NA
Ca_Desi_Ch_scaffold00610_38506	Ca_desi_scaffold	38506	[C/A]	NA
Ca_Desi_Ch_scaffold00610_49651	Ca_desi_scaffold	49651	[T/C]	NA
Ca_Desi_Ch_scaffold00610_49663	Ca_desi_scaffold	49663	[T/A]	NA
Ca_Desi_Ch_scaffold00610_49673	Ca_desi_scaffold	49673	[A/T]	NA
Ca_Desi_Ch_scaffold00610_49697	Ca_desi_scaffold	49697	[T/C]	NA
Ca_Desi_Ch_scaffold00610_91382	Ca_desi_scaffold	91382	[T/G]	NA
Ca_Desi_Ch_scaffold00610_97394	Ca_desi_scaffold	97394	[T/G]	NA
Ca_Desi_Ch_scaffold00610_99266	Ca_desi_scaffold	99266	[C/A]	NA
Ca_Desi_Ch_scaffold00610_99267	Ca_desi_scaffold	99267	[T/G]	NA
Ca_Desi_Ch_scaffold00610_99271	Ca_desi_scaffold	99271	[A/G]	NA
Ca_Desi_Ch_scaffold00610_103917	Ca_desi_scaffold	103917	[T/C]	NA
Ca_Desi_Ch_scaffold00610_103949	Ca_desi_scaffold	103949	[T/G]	NA
Ca_Desi_Ch_scaffold00610_105319	Ca_desi_scaffold	105319	[T/G]	NA
Ca_Desi_Ch_scaffold00610_105322	Ca_desi_scaffold	105322	[T/G]	NA
Ca_Desi_Ch_scaffold00610_106312	Ca_desi_scaffold	106312	[A/C]	NA
Ca_Desi_Ch_scaffold00610_129957	Ca_desi_scaffold	129957	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00610_129963	Ca_desig_scaffold	129963	[A/G]	NA
Ca_Desig_Chr_scaffold00611_72787	Ca_desig_scaffold	72787	[C/A]	NA
Ca_Desig_Chr_scaffold00611_72802	Ca_desig_scaffold	72802	[T/C]	NA
Ca_Desig_Chr_scaffold00611_72828	Ca_desig_scaffold	72828	[T/C]	NA
Ca_Desig_Chr_scaffold00611_86246	Ca_desig_scaffold	86246	[G/T]	NA
Ca_Desig_Chr_scaffold00611_122021	Ca_desig_scaffold	122021	[T/A]	NA
Ca_Desig_Chr_scaffold00614_53788	Ca_desig_scaffold	53788	[T/G]	NA
Ca_Desig_Chr_scaffold00614_85669	Ca_desig_scaffold	85669	[T/C]	NA
Ca_Desig_Chr_scaffold00614_121895	Ca_desig_scaffold	121895	[T/G]	NA
Ca_Desig_Chr_scaffold00619_73822	Ca_desig_scaffold	73822	[T/G]	NA
Ca_Desig_Chr_scaffold00619_87897	Ca_desig_scaffold	87897	[G/C]	NA
Ca_Desig_Chr_scaffold00619_128635	Ca_desig_scaffold	128635	[T/C]	NA
Ca_Desig_Chr_scaffold00620_5565	Ca_desig_scaffold	5565	[A/C]	NA
Ca_Desig_Chr_scaffold00620_5571	Ca_desig_scaffold	5571	[A/C]	NA
Ca_Desig_Chr_scaffold00620_30192	Ca_desig_scaffold	30192	[C/A]	NA
Ca_Desig_Chr_scaffold00620_42072	Ca_desig_scaffold	42072	[T/G]	NA
Ca_Desig_Chr_scaffold00620_42150	Ca_desig_scaffold	42150	[T/C]	NA
Ca_Desig_Chr_scaffold00620_42159	Ca_desig_scaffold	42159	[T/G]	NA
Ca_Desig_Chr_scaffold00620_42168	Ca_desig_scaffold	42168	[T/G]	NA
Ca_Desig_Chr_scaffold00620_42201	Ca_desig_scaffold	42201	[A/C]	NA
Ca_Desig_Chr_scaffold00620_42213	Ca_desig_scaffold	42213	[T/C]	NA
Ca_Desig_Chr_scaffold00620_42281	Ca_desig_scaffold	42281	[C/A]	NA
Ca_Desig_Chr_scaffold00620_89634	Ca_desig_scaffold	89634	[T/C]	NA
Ca_Desig_Chr_scaffold00625_12384	Ca_desig_scaffold	12384	[A/C]	NA
Ca_Desig_Chr_scaffold00625_42887	Ca_desig_scaffold	42887	[T/G]	NA
Ca_Desig_Chr_scaffold00625_42917	Ca_desig_scaffold	42917	[A/G]	NA
Ca_Desig_Chr_scaffold00625_43359	Ca_desig_scaffold	43359	[T/G]	NA
Ca_Desig_Chr_scaffold00625_43363	Ca_desig_scaffold	43363	[T/G]	NA
Ca_Desig_Chr_scaffold00625_43408	Ca_desig_scaffold	43408	[A/C]	NA
Ca_Desig_Chr_scaffold00625_43447	Ca_desig_scaffold	43447	[A/G]	NA
Ca_Desig_Chr_scaffold00626_82435	Ca_desig_scaffold	82435	[T/G]	NA
Ca_Desig_Chr_scaffold00626_82449	Ca_desig_scaffold	82449	[T/C]	NA
Ca_Desig_Chr_scaffold00628_47136	Ca_desig_scaffold	47136	[A/C]	NA
Ca_Desig_Chr_scaffold00628_52226	Ca_desig_scaffold	52226	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00628_52231	Ca_desi_scaffold	52231	[A/C]	NA
Ca_Desi_Ch_scaffold00628_52261	Ca_desi_scaffold	52261	[A/G]	NA
Ca_Desi_Ch_scaffold00628_97901	Ca_desi_scaffold	97901	[T/G]	NA
Ca_Desi_Ch_scaffold00628_97904	Ca_desi_scaffold	97904	[T/G]	NA
Ca_Desi_Ch_scaffold00628_97907	Ca_desi_scaffold	97907	[T/G]	NA
Ca_Desi_Ch_scaffold00628_97938	Ca_desi_scaffold	97938	[C/A]	NA
Ca_Desi_Ch_scaffold00628_97939	Ca_desi_scaffold	97939	[T/G]	NA
Ca_Desi_Ch_scaffold00628_97940	Ca_desi_scaffold	97940	[T/A]	NA
Ca_Desi_Ch_scaffold00630_6208	Ca_desi_scaffold	6208	[A/G]	NA
Ca_Desi_Ch_scaffold00630_6866	Ca_desi_scaffold	6866	[C/T]	NA
Ca_Desi_Ch_scaffold00630_6867	Ca_desi_scaffold	6867	[T/G]	NA
Ca_Desi_Ch_scaffold00630_44933	Ca_desi_scaffold	44933	[T/A]	NA
Ca_Desi_Ch_scaffold00630_44934	Ca_desi_scaffold	44934	[C/T]	NA
Ca_Desi_Ch_scaffold00630_44935	Ca_desi_scaffold	44935	[A/C]	NA
Ca_Desi_Ch_scaffold00630_44936	Ca_desi_scaffold	44936	[G/T]	NA
Ca_Desi_Ch_scaffold00630_103244	Ca_desi_scaffold	103244	[T/C]	NA
Ca_Desi_Ch_scaffold00630_103264	Ca_desi_scaffold	103264	[T/G]	NA
Ca_Desi_Ch_scaffold00635_6240	Ca_desi_scaffold	6240	[A/C]	NA
Ca_Desi_Ch_scaffold00635_6245	Ca_desi_scaffold	6245	[A/T]	NA
Ca_Desi_Ch_scaffold00635_73949	Ca_desi_scaffold	73949	[T/A]	NA
Ca_Desi_Ch_scaffold00635_79839	Ca_desi_scaffold	79839	[A/G]	NA
Ca_Desi_Ch_scaffold00635_79841	Ca_desi_scaffold	79841	[T/C]	NA
Ca_Desi_Ch_scaffold00635_79875	Ca_desi_scaffold	79875	[C/T]	NA
Ca_Desi_Ch_scaffold00635_79876	Ca_desi_scaffold	79876	[T/C]	NA
Ca_Desi_Ch_scaffold00635_79904	Ca_desi_scaffold	79904	[A/G]	NA
Ca_Desi_Ch_scaffold00635_79927	Ca_desi_scaffold	79927	[T/G]	NA
Ca_Desi_Ch_scaffold00635_79930	Ca_desi_scaffold	79930	[T/C]	NA
Ca_Desi_Ch_scaffold00635_132697	Ca_desi_scaffold	132697	[A/T]	NA
Ca_Desi_Ch_scaffold00635_132731	Ca_desi_scaffold	132731	[T/C]	NA
Ca_Desi_Ch_scaffold00637_44806	Ca_desi_scaffold	44806	[A/C]	NA
Ca_Desi_Ch_scaffold00637_44807	Ca_desi_scaffold	44807	[T/A]	NA
Ca_Desi_Ch_scaffold00637_44808	Ca_desi_scaffold	44808	[C/A]	NA
Ca_Desi_Ch_scaffold00637_44809	Ca_desi_scaffold	44809	[T/G]	NA
Ca_Desi_Ch_scaffold00637_124449	Ca_desi_scaffold	124449	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00637_124476	Ca_desi_scaffold	124476	[T/G]	NA
Ca_Desi_Ch_scaffold00640_8626	Ca_desi_scaffold	8626	[T/C]	NA
Ca_Desi_Ch_scaffold00640_10770	Ca_desi_scaffold	10770	[G/A]	NA
Ca_Desi_Ch_scaffold00640_10938	Ca_desi_scaffold	10938	[A/G]	NA
Ca_Desi_Ch_scaffold00640_10950	Ca_desi_scaffold	10950	[A/G]	NA
Ca_Desi_Ch_scaffold00640_12335	Ca_desi_scaffold	12335	[A/T]	NA
Ca_Desi_Ch_scaffold00640_12350	Ca_desi_scaffold	12350	[T/G]	NA
Ca_Desi_Ch_scaffold00640_12431	Ca_desi_scaffold	12431	[G/A]	NA
Ca_Desi_Ch_scaffold00640_12677	Ca_desi_scaffold	12677	[C/A]	NA
Ca_Desi_Ch_scaffold00640_58176	Ca_desi_scaffold	58176	[T/C]	NA
Ca_Desi_Ch_scaffold00640_58651	Ca_desi_scaffold	58651	[A/T]	NA
Ca_Desi_Ch_scaffold00640_101890	Ca_desi_scaffold	101890	[T/C]	NA
Ca_Desi_Ch_scaffold00640_117972	Ca_desi_scaffold	117972	[A/G]	NA
Ca_Desi_Ch_scaffold00640_118021	Ca_desi_scaffold	118021	[C/T]	NA
Ca_Desi_Ch_scaffold00640_118439	Ca_desi_scaffold	118439	[C/T]	NA
Ca_Desi_Ch_scaffold00640_120278	Ca_desi_scaffold	120278	[C/T]	NA
Ca_Desi_Ch_scaffold00640_120311	Ca_desi_scaffold	120311	[A/C]	NA
Ca_Desi_Ch_scaffold00640_120339	Ca_desi_scaffold	120339	[A/C]	NA
Ca_Desi_Ch_scaffold00640_121004	Ca_desi_scaffold	121004	[C/T]	NA
Ca_Desi_Ch_scaffold00640_121029	Ca_desi_scaffold	121029	[G/A]	NA
Ca_Desi_Ch_scaffold00640_121036	Ca_desi_scaffold	121036	[T/C]	NA
Ca_Desi_Ch_scaffold00640_121071	Ca_desi_scaffold	121071	[T/C]	NA
Ca_Desi_Ch_scaffold00640_121103	Ca_desi_scaffold	121103	[A/G]	NA
Ca_Desi_Ch_scaffold00642_21166	Ca_desi_scaffold	21166	[A/G]	NA
Ca_Desi_Ch_scaffold00642_21175	Ca_desi_scaffold	21175	[A/G]	NA
Ca_Desi_Ch_scaffold00642_21180	Ca_desi_scaffold	21180	[T/C]	NA
Ca_Desi_Ch_scaffold00642_21188	Ca_desi_scaffold	21188	[A/G]	NA
Ca_Desi_Ch_scaffold00642_51024	Ca_desi_scaffold	51024	[A/C]	NA
Ca_Desi_Ch_scaffold00642_51030	Ca_desi_scaffold	51030	[A/C]	NA
Ca_Desi_Ch_scaffold00642_51036	Ca_desi_scaffold	51036	[A/C]	NA
Ca_Desi_Ch_scaffold00642_51039	Ca_desi_scaffold	51039	[C/T]	NA
Ca_Desi_Ch_scaffold00642_51043	Ca_desi_scaffold	51043	[A/C]	NA
Ca_Desi_Ch_scaffold00642_51047	Ca_desi_scaffold	51047	[T/C]	NA
Ca_Desi_Ch_scaffold00642_51053	Ca_desi_scaffold	51053	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00642_51094	Ca_desig_scaffold	51094	[A/T]	NA
Ca_DesigChr_scaffold00642_51099	Ca_desig_scaffold	51099	[T/C]	NA
Ca_DesigChr_scaffold00642_51100	Ca_desig_scaffold	51100	[G/T]	NA
Ca_DesigChr_scaffold00642_51107	Ca_desig_scaffold	51107	[T/C]	NA
Ca_DesigChr_scaffold00642_51110	Ca_desig_scaffold	51110	[T/C]	NA
Ca_DesigChr_scaffold00642_51113	Ca_desig_scaffold	51113	[G/A]	NA
Ca_DesigChr_scaffold00642_51118	Ca_desig_scaffold	51118	[A/C]	NA
Ca_DesigChr_scaffold00642_51120	Ca_desig_scaffold	51120	[T/C]	NA
Ca_DesigChr_scaffold00642_51121	Ca_desig_scaffold	51121	[T/C]	NA
Ca_DesigChr_scaffold00642_51125	Ca_desig_scaffold	51125	[A/G]	NA
Ca_DesigChr_scaffold00642_51181	Ca_desig_scaffold	51181	[T/G]	NA
Ca_DesigChr_scaffold00642_51825	Ca_desig_scaffold	51825	[A/G]	NA
Ca_DesigChr_scaffold00642_52050	Ca_desig_scaffold	52050	[T/C]	NA
Ca_DesigChr_scaffold00642_52057	Ca_desig_scaffold	52057	[T/G]	NA
Ca_DesigChr_scaffold00642_52060	Ca_desig_scaffold	52060	[A/C]	NA
Ca_DesigChr_scaffold00642_52075	Ca_desig_scaffold	52075	[A/G]	NA
Ca_DesigChr_scaffold00642_52112	Ca_desig_scaffold	52112	[A/C]	NA
Ca_DesigChr_scaffold00642_52116	Ca_desig_scaffold	52116	[A/G]	NA
Ca_DesigChr_scaffold00642_52158	Ca_desig_scaffold	52158	[T/G]	NA
Ca_DesigChr_scaffold00644_14893	Ca_desig_scaffold	14893	[G/A]	NA
Ca_DesigChr_scaffold00644_52490	Ca_desig_scaffold	52490	[T/G]	NA
Ca_DesigChr_scaffold00644_79725	Ca_desig_scaffold	79725	[G/C]	NA
Ca_DesigChr_scaffold00644_79726	Ca_desig_scaffold	79726	[A/T]	NA
Ca_DesigChr_scaffold00644_81010	Ca_desig_scaffold	81010	[T/G]	NA
Ca_DesigChr_scaffold00644_81029	Ca_desig_scaffold	81029	[T/G]	NA
Ca_DesigChr_scaffold00644_84908	Ca_desig_scaffold	84908	[A/G]	NA
Ca_DesigChr_scaffold00644_100047	Ca_desig_scaffold	100047	[G/T]	NA
Ca_DesigChr_scaffold00644_100049	Ca_desig_scaffold	100049	[A/G]	NA
Ca_DesigChr_scaffold00645_34072	Ca_desig_scaffold	34072	[A/C]	NA
Ca_DesigChr_scaffold00645_34104	Ca_desig_scaffold	34104	[A/G]	NA
Ca_DesigChr_scaffold00645_34116	Ca_desig_scaffold	34116	[C/T]	NA
Ca_DesigChr_scaffold00645_35578	Ca_desig_scaffold	35578	[A/G]	NA
Ca_DesigChr_scaffold00645_48791	Ca_desig_scaffold	48791	[A/C]	NA
Ca_DesigChr_scaffold00645_108696	Ca_desig_scaffold	108696	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00645_108698	Ca_desig_scaffold	108698	[T/C]	NA
Ca_Desig_Chr_scaffold00645_108736	Ca_desig_scaffold	108736	[T/C]	NA
Ca_Desig_Chr_scaffold00645_108815	Ca_desig_scaffold	108815	[T/G]	NA
Ca_Desig_Chr_scaffold00645_108836	Ca_desig_scaffold	108836	[A/T]	NA
Ca_Desig_Chr_scaffold00646_65070	Ca_desig_scaffold	65070	[A/G]	NA
Ca_Desig_Chr_scaffold00651_22298	Ca_desig_scaffold	22298	[A/G]	NA
Ca_Desig_Chr_scaffold00651_22307	Ca_desig_scaffold	22307	[T/C]	NA
Ca_Desig_Chr_scaffold00651_22340	Ca_desig_scaffold	22340	[A/C]	NA
Ca_Desig_Chr_scaffold00651_22351	Ca_desig_scaffold	22351	[T/C]	NA
Ca_Desig_Chr_scaffold00651_81319	Ca_desig_scaffold	81319	[T/G]	NA
Ca_Desig_Chr_scaffold00651_81328	Ca_desig_scaffold	81328	[A/G]	NA
Ca_Desig_Chr_scaffold00651_81342	Ca_desig_scaffold	81342	[C/G]	NA
Ca_Desig_Chr_scaffold00651_81418	Ca_desig_scaffold	81418	[T/G]	NA
Ca_Desig_Chr_scaffold00651_81444	Ca_desig_scaffold	81444	[T/G]	NA
Ca_Desig_Chr_scaffold00651_104156	Ca_desig_scaffold	104156	[A/G]	NA
Ca_Desig_Chr_scaffold00651_110967	Ca_desig_scaffold	110967	[G/A]	NA
Ca_Desig_Chr_scaffold00651_110970	Ca_desig_scaffold	110970	[G/T]	NA
Ca_Desig_Chr_scaffold00657_26187	Ca_desig_scaffold	26187	[T/A]	NA
Ca_Desig_Chr_scaffold00658_42622	Ca_desig_scaffold	42622	[T/G]	NA
Ca_Desig_Chr_scaffold00658_42664	Ca_desig_scaffold	42664	[T/A]	NA
Ca_Desig_Chr_scaffold00658_43921	Ca_desig_scaffold	43921	[T/C]	NA
Ca_Desig_Chr_scaffold00660_62101	Ca_desig_scaffold	62101	[A/G]	NA
Ca_Desig_Chr_scaffold00660_62167	Ca_desig_scaffold	62167	[A/G]	NA
Ca_Desig_Chr_scaffold00660_91152	Ca_desig_scaffold	91152	[G/C]	NA
Ca_Desig_Chr_scaffold00660_92102	Ca_desig_scaffold	92102	[G/T]	NA
Ca_Desig_Chr_scaffold00660_116328	Ca_desig_scaffold	116328	[A/G]	NA
Ca_Desig_Chr_scaffold00660_118046	Ca_desig_scaffold	118046	[T/A]	NA
Ca_Desig_Chr_scaffold00666_82811	Ca_desig_scaffold	82811	[T/G]	NA
Ca_Desig_Chr_scaffold00667_13645	Ca_desig_scaffold	13645	[T/G]	NA
Ca_Desig_Chr_scaffold00667_17500	Ca_desig_scaffold	17500	[T/G]	NA
Ca_Desig_Chr_scaffold00667_17511	Ca_desig_scaffold	17511	[T/C]	NA
Ca_Desig_Chr_scaffold00667_29575	Ca_desig_scaffold	29575	[A/T]	NA
Ca_Desig_Chr_scaffold00667_87161	Ca_desig_scaffold	87161	[T/C]	NA
Ca_Desig_Chr_scaffold00667_87186	Ca_desig_scaffold	87186	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00667_87210	Ca_desig_scaffold	87210	[T/G]	NA
Ca_DesigChr_scaffold00667_87211	Ca_desig_scaffold	87211	[T/C]	NA
Ca_DesigChr_scaffold00667_87263	Ca_desig_scaffold	87263	[A/G]	NA
Ca_DesigChr_scaffold00667_87267	Ca_desig_scaffold	87267	[A/G]	NA
Ca_DesigChr_scaffold00667_87310	Ca_desig_scaffold	87310	[T/A]	NA
Ca_DesigChr_scaffold00671_60374	Ca_desig_scaffold	60374	[T/G]	NA
Ca_DesigChr_scaffold00671_80338	Ca_desig_scaffold	80338	[G/A]	NA
Ca_DesigChr_scaffold00671_103337	Ca_desig_scaffold	103337	[C/T]	NA
Ca_DesigChr_scaffold00671_105552	Ca_desig_scaffold	105552	[T/C]	NA
Ca_DesigChr_scaffold00671_105554	Ca_desig_scaffold	105554	[A/C]	NA
Ca_DesigChr_scaffold00671_105557	Ca_desig_scaffold	105557	[A/G]	NA
Ca_DesigChr_scaffold00671_105577	Ca_desig_scaffold	105577	[A/G]	NA
Ca_DesigChr_scaffold00673_39080	Ca_desig_scaffold	39080	[G/T]	NA
Ca_DesigChr_scaffold00676_43050	Ca_desig_scaffold	43050	[T/C]	NA
Ca_DesigChr_scaffold00676_43064	Ca_desig_scaffold	43064	[T/G]	NA
Ca_DesigChr_scaffold00676_43080	Ca_desig_scaffold	43080	[A/G]	NA
Ca_DesigChr_scaffold00680_11570	Ca_desig_scaffold	11570	[T/A]	NA
Ca_DesigChr_scaffold00680_16149	Ca_desig_scaffold	16149	[C/A]	NA
Ca_DesigChr_scaffold00680_16150	Ca_desig_scaffold	16150	[C/G]	NA
Ca_DesigChr_scaffold00680_16151	Ca_desig_scaffold	16151	[C/A]	NA
Ca_DesigChr_scaffold00680_35014	Ca_desig_scaffold	35014	[A/T]	NA
Ca_DesigChr_scaffold00680_40148	Ca_desig_scaffold	40148	[T/G]	NA
Ca_DesigChr_scaffold00680_40161	Ca_desig_scaffold	40161	[T/C]	NA
Ca_DesigChr_scaffold00680_40165	Ca_desig_scaffold	40165	[A/G]	NA
Ca_DesigChr_scaffold00680_46004	Ca_desig_scaffold	46004	[T/C]	NA
Ca_DesigChr_scaffold00680_47818	Ca_desig_scaffold	47818	[T/C]	NA
Ca_DesigChr_scaffold00680_47983	Ca_desig_scaffold	47983	[A/C]	NA
Ca_DesigChr_scaffold00680_76268	Ca_desig_scaffold	76268	[A/G]	NA
Ca_DesigChr_scaffold00680_76288	Ca_desig_scaffold	76288	[T/A]	NA
Ca_DesigChr_scaffold00680_76291	Ca_desig_scaffold	76291	[T/A]	NA
Ca_DesigChr_scaffold00681_11640	Ca_desig_scaffold	11640	[T/G]	NA
Ca_DesigChr_scaffold00681_11676	Ca_desig_scaffold	11676	[T/C]	NA
Ca_DesigChr_scaffold00684_76271	Ca_desig_scaffold	76271	[T/G]	NA
Ca_DesigChr_scaffold00684_77186	Ca_desig_scaffold	77186	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00684_77198	Ca_desi_scaffold	77198	[T/C]	NA
Ca_Desi_Ch_scaffold00684_77223	Ca_desi_scaffold	77223	[T/G]	NA
Ca_Desi_Ch_scaffold00684_77232	Ca_desi_scaffold	77232	[A/G]	NA
Ca_Desi_Ch_scaffold00690_7943	Ca_desi_scaffold	7943	[A/C]	NA
Ca_Desi_Ch_scaffold00690_7946	Ca_desi_scaffold	7946	[C/G]	NA
Ca_Desi_Ch_scaffold00691_22603	Ca_desi_scaffold	22603	[G/A]	NA
Ca_Desi_Ch_scaffold00691_22605	Ca_desi_scaffold	22605	[T/C]	NA
Ca_Desi_Ch_scaffold00691_22609	Ca_desi_scaffold	22609	[A/C]	NA
Ca_Desi_Ch_scaffold00691_22617	Ca_desi_scaffold	22617	[A/C]	NA
Ca_Desi_Ch_scaffold00691_22634	Ca_desi_scaffold	22634	[T/C]	NA
Ca_Desi_Ch_scaffold00691_22638	Ca_desi_scaffold	22638	[A/G]	NA
Ca_Desi_Ch_scaffold00691_22641	Ca_desi_scaffold	22641	[T/G]	NA
Ca_Desi_Ch_scaffold00691_22649	Ca_desi_scaffold	22649	[A/G]	NA
Ca_Desi_Ch_scaffold00691_22656	Ca_desi_scaffold	22656	[T/A]	NA
Ca_Desi_Ch_scaffold00691_25752	Ca_desi_scaffold	25752	[G/A]	NA
Ca_Desi_Ch_scaffold00691_25754	Ca_desi_scaffold	25754	[C/A]	NA
Ca_Desi_Ch_scaffold00691_25758	Ca_desi_scaffold	25758	[G/C]	NA
Ca_Desi_Ch_scaffold00691_25759	Ca_desi_scaffold	25759	[G/A]	NA
Ca_Desi_Ch_scaffold00691_25760	Ca_desi_scaffold	25760	[G/T]	NA
Ca_Desi_Ch_scaffold00691_25761	Ca_desi_scaffold	25761	[C/A]	NA
Ca_Desi_Ch_scaffold00691_25772	Ca_desi_scaffold	25772	[T/G]	NA
Ca_Desi_Ch_scaffold00691_26460	Ca_desi_scaffold	26460	[A/G]	NA
Ca_Desi_Ch_scaffold00691_26479	Ca_desi_scaffold	26479	[T/C]	NA
Ca_Desi_Ch_scaffold00691_26481	Ca_desi_scaffold	26481	[A/G]	NA
Ca_Desi_Ch_scaffold00691_26509	Ca_desi_scaffold	26509	[A/C]	NA
Ca_Desi_Ch_scaffold00691_26519	Ca_desi_scaffold	26519	[A/G]	NA
Ca_Desi_Ch_scaffold00691_26532	Ca_desi_scaffold	26532	[T/A]	NA
Ca_Desi_Ch_scaffold00691_73147	Ca_desi_scaffold	73147	[C/A]	NA
Ca_Desi_Ch_scaffold00691_101373	Ca_desi_scaffold	101373	[T/G]	NA
Ca_Desi_Ch_scaffold00691_119388	Ca_desi_scaffold	119388	[T/C]	NA
Ca_Desi_Ch_scaffold00691_119392	Ca_desi_scaffold	119392	[A/G]	NA
Ca_Desi_Ch_scaffold00691_119406	Ca_desi_scaffold	119406	[A/G]	NA
Ca_Desi_Ch_scaffold00691_119409	Ca_desi_scaffold	119409	[A/C]	NA
Ca_Desi_Ch_scaffold00691_119415	Ca_desi_scaffold	119415	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00691_119444	Ca_desi_scaffold	119444	[T/G]	NA
Ca_Desi_Ch_scaffold00691_119449	Ca_desi_scaffold	119449	[T/G]	NA
Ca_Desi_Ch_scaffold00691_119470	Ca_desi_scaffold	119470	[T/G]	NA
Ca_Desi_Ch_scaffold00691_120349	Ca_desi_scaffold	120349	[A/G]	NA
Ca_Desi_Ch_scaffold00696_26571	Ca_desi_scaffold	26571	[A/C]	NA
Ca_Desi_Ch_scaffold00696_36702	Ca_desi_scaffold	36702	[C/T]	NA
Ca_Desi_Ch_scaffold00696_80862	Ca_desi_scaffold	80862	[A/C]	NA
Ca_Desi_Ch_scaffold00696_104870	Ca_desi_scaffold	104870	[T/G]	NA
Ca_Desi_Ch_scaffold00696_104900	Ca_desi_scaffold	104900	[A/C]	NA
Ca_Desi_Ch_scaffold00696_114457	Ca_desi_scaffold	114457	[C/A]	NA
Ca_Desi_Ch_scaffold00696_114458	Ca_desi_scaffold	114458	[A/G]	NA
Ca_Desi_Ch_scaffold00696_114911	Ca_desi_scaffold	114911	[A/T]	NA
Ca_Desi_Ch_scaffold00696_119288	Ca_desi_scaffold	119288	[G/T]	NA
Ca_Desi_Ch_scaffold00696_119289	Ca_desi_scaffold	119289	[A/C]	NA
Ca_Desi_Ch_scaffold00696_119290	Ca_desi_scaffold	119290	[G/T]	NA
Ca_Desi_Ch_scaffold00696_123805	Ca_desi_scaffold	123805	[G/T]	NA
Ca_Desi_Ch_scaffold00696_123806	Ca_desi_scaffold	123806	[T/C]	NA
Ca_Desi_Ch_scaffold00698_6353	Ca_desi_scaffold	6353	[A/G]	NA
Ca_Desi_Ch_scaffold00698_6358	Ca_desi_scaffold	6358	[T/G]	NA
Ca_Desi_Ch_scaffold00698_6364	Ca_desi_scaffold	6364	[T/C]	NA
Ca_Desi_Ch_scaffold00698_6370	Ca_desi_scaffold	6370	[T/C]	NA
Ca_Desi_Ch_scaffold00698_6388	Ca_desi_scaffold	6388	[A/G]	NA
Ca_Desi_Ch_scaffold00698_6403	Ca_desi_scaffold	6403	[T/G]	NA
Ca_Desi_Ch_scaffold00698_34498	Ca_desi_scaffold	34498	[T/C]	NA
Ca_Desi_Ch_scaffold00698_34626	Ca_desi_scaffold	34626	[T/G]	NA
Ca_Desi_Ch_scaffold00698_34669	Ca_desi_scaffold	34669	[T/A]	NA
Ca_Desi_Ch_scaffold00698_34796	Ca_desi_scaffold	34796	[G/A]	NA
Ca_Desi_Ch_scaffold00698_34798	Ca_desi_scaffold	34798	[G/A]	NA
Ca_Desi_Ch_scaffold00698_34800	Ca_desi_scaffold	34800	[G/A]	NA
Ca_Desi_Ch_scaffold00698_34931	Ca_desi_scaffold	34931	[A/G]	NA
Ca_Desi_Ch_scaffold00698_93664	Ca_desi_scaffold	93664	[T/G]	NA
Ca_Desi_Ch_scaffold00698_93668	Ca_desi_scaffold	93668	[T/G]	NA
Ca_Desi_Ch_scaffold00698_93674	Ca_desi_scaffold	93674	[T/G]	NA
Ca_Desi_Ch_scaffold00698_96099	Ca_desi_scaffold	96099	[C/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00698_96104	Ca_desi_scaffold	96104	[A/C]	NA
Ca_Desi_Ch_scaffold00698_96116	Ca_desi_scaffold	96116	[A/T]	NA
Ca_Desi_Ch_scaffold00698_107632	Ca_desi_scaffold	107632	[T/C]	NA
Ca_Desi_Ch_scaffold00698_108740	Ca_desi_scaffold	108740	[A/C]	NA
Ca_Desi_Ch_scaffold00703_53523	Ca_desi_scaffold	53523	[A/G]	NA
Ca_Desi_Ch_scaffold00703_98932	Ca_desi_scaffold	98932	[G/C]	NA
Ca_Desi_Ch_scaffold00710_59429	Ca_desi_scaffold	59429	[T/C]	NA
Ca_Desi_Ch_scaffold00714_76609	Ca_desi_scaffold	76609	[T/C]	NA
Ca_Desi_Ch_scaffold00714_76626	Ca_desi_scaffold	76626	[T/C]	NA
Ca_Desi_Ch_scaffold00714_76630	Ca_desi_scaffold	76630	[A/G]	NA
Ca_Desi_Ch_scaffold00714_76633	Ca_desi_scaffold	76633	[T/G]	NA
Ca_Desi_Ch_scaffold00715_5631	Ca_desi_scaffold	5631	[A/C]	NA
Ca_Desi_Ch_scaffold00715_5647	Ca_desi_scaffold	5647	[G/C]	NA
Ca_Desi_Ch_scaffold00717_19313	Ca_desi_scaffold	19313	[T/C]	NA
Ca_Desi_Ch_scaffold00717_19324	Ca_desi_scaffold	19324	[T/G]	NA
Ca_Desi_Ch_scaffold00718_42563	Ca_desi_scaffold	42563	[T/C]	NA
Ca_Desi_Ch_scaffold00718_42569	Ca_desi_scaffold	42569	[T/C]	NA
Ca_Desi_Ch_scaffold00718_42571	Ca_desi_scaffold	42571	[A/C]	NA
Ca_Desi_Ch_scaffold00718_42599	Ca_desi_scaffold	42599	[T/C]	NA
Ca_Desi_Ch_scaffold00719_108890	Ca_desi_scaffold	108890	[A/C]	NA
Ca_Desi_Ch_scaffold00719_108923	Ca_desi_scaffold	108923	[T/G]	NA
Ca_Desi_Ch_scaffold00719_108926	Ca_desi_scaffold	108926	[T/G]	NA
Ca_Desi_Ch_scaffold00724_86377	Ca_desi_scaffold	86377	[C/T]	NA
Ca_Desi_Ch_scaffold00724_86398	Ca_desi_scaffold	86398	[A/G]	NA
Ca_Desi_Ch_scaffold00725_103102	Ca_desi_scaffold	103102	[A/T]	NA
Ca_Desi_Ch_scaffold00725_103103	Ca_desi_scaffold	103103	[A/C]	NA
Ca_Desi_Ch_scaffold00725_103104	Ca_desi_scaffold	103104	[G/T]	NA
Ca_Desi_Ch_scaffold00726_55116	Ca_desi_scaffold	55116	[C/T]	NA
Ca_Desi_Ch_scaffold00726_81476	Ca_desi_scaffold	81476	[T/G]	NA
Ca_Desi_Ch_scaffold00726_81509	Ca_desi_scaffold	81509	[T/G]	NA
Ca_Desi_Ch_scaffold00726_81968	Ca_desi_scaffold	81968	[A/T]	NA
Ca_Desi_Ch_scaffold00726_82006	Ca_desi_scaffold	82006	[T/G]	NA
Ca_Desi_Ch_scaffold00726_82058	Ca_desi_scaffold	82058	[T/A]	NA
Ca_Desi_Ch_scaffold00726_82157	Ca_desi_scaffold	82157	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00727_60075	Ca_desig_scaffold	60075	[T/C]	NA
Ca_Desig_Chr_scaffold00727_60291	Ca_desig_scaffold	60291	[T/G]	NA
Ca_Desig_Chr_scaffold00727_116463	Ca_desig_scaffold	116463	[A/C]	NA
Ca_Desig_Chr_scaffold00727_116479	Ca_desig_scaffold	116479	[T/A]	NA
Ca_Desig_Chr_scaffold00728_15425	Ca_desig_scaffold	15425	[A/C]	NA
Ca_Desig_Chr_scaffold00728_16410	Ca_desig_scaffold	16410	[G/C]	NA
Ca_Desig_Chr_scaffold00728_16411	Ca_desig_scaffold	16411	[G/T]	NA
Ca_Desig_Chr_scaffold00729_47081	Ca_desig_scaffold	47081	[A/C]	NA
Ca_Desig_Chr_scaffold00729_47086	Ca_desig_scaffold	47086	[A/C]	NA
Ca_Desig_Chr_scaffold00729_47103	Ca_desig_scaffold	47103	[A/G]	NA
Ca_Desig_Chr_scaffold00729_47124	Ca_desig_scaffold	47124	[A/T]	NA
Ca_Desig_Chr_scaffold00729_47134	Ca_desig_scaffold	47134	[A/C]	NA
Ca_Desig_Chr_scaffold00729_47139	Ca_desig_scaffold	47139	[A/C]	NA
Ca_Desig_Chr_scaffold00729_47147	Ca_desig_scaffold	47147	[T/G]	NA
Ca_Desig_Chr_scaffold00729_47162	Ca_desig_scaffold	47162	[A/G]	NA
Ca_Desig_Chr_scaffold00729_47166	Ca_desig_scaffold	47166	[A/G]	NA
Ca_Desig_Chr_scaffold00729_47169	Ca_desig_scaffold	47169	[T/C]	NA
Ca_Desig_Chr_scaffold00729_47190	Ca_desig_scaffold	47190	[A/C]	NA
Ca_Desig_Chr_scaffold00729_47220	Ca_desig_scaffold	47220	[T/A]	NA
Ca_Desig_Chr_scaffold00729_47911	Ca_desig_scaffold	47911	[A/G]	NA
Ca_Desig_Chr_scaffold00729_47924	Ca_desig_scaffold	47924	[T/C]	NA
Ca_Desig_Chr_scaffold00729_47926	Ca_desig_scaffold	47926	[T/C]	NA
Ca_Desig_Chr_scaffold00729_47930	Ca_desig_scaffold	47930	[A/G]	NA
Ca_Desig_Chr_scaffold00729_47939	Ca_desig_scaffold	47939	[A/G]	NA
Ca_Desig_Chr_scaffold00729_47945	Ca_desig_scaffold	47945	[A/G]	NA
Ca_Desig_Chr_scaffold00729_47950	Ca_desig_scaffold	47950	[T/C]	NA
Ca_Desig_Chr_scaffold00729_47952	Ca_desig_scaffold	47952	[C/G]	NA
Ca_Desig_Chr_scaffold00729_47957	Ca_desig_scaffold	47957	[A/G]	NA
Ca_Desig_Chr_scaffold00729_47977	Ca_desig_scaffold	47977	[A/G]	NA
Ca_Desig_Chr_scaffold00729_47982	Ca_desig_scaffold	47982	[T/G]	NA
Ca_Desig_Chr_scaffold00729_47985	Ca_desig_scaffold	47985	[C/G]	NA
Ca_Desig_Chr_scaffold00729_48002	Ca_desig_scaffold	48002	[A/C]	NA
Ca_Desig_Chr_scaffold00729_48009	Ca_desig_scaffold	48009	[T/G]	NA
Ca_Desig_Chr_scaffold00729_53519	Ca_desig_scaffold	53519	[G/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrc_scaffold00730_43618	Ca_desi_scaffold	43618	[A/G]	NA
Ca_Desi_Chrc_scaffold00730_43682	Ca_desi_scaffold	43682	[A/G]	NA
Ca_Desi_Chrc_scaffold00730_43694	Ca_desi_scaffold	43694	[A/C]	NA
Ca_Desi_Chrc_scaffold00730_43700	Ca_desi_scaffold	43700	[A/T]	NA
Ca_Desi_Chrc_scaffold00730_46329	Ca_desi_scaffold	46329	[A/T]	NA
Ca_Desi_Chrc_scaffold00730_65023	Ca_desi_scaffold	65023	[T/A]	NA
Ca_Desi_Chrc_scaffold00730_99479	Ca_desi_scaffold	99479	[G/C]	NA
Ca_Desi_Chrc_scaffold00730_99480	Ca_desi_scaffold	99480	[G/T]	NA
Ca_Desi_Chrc_scaffold00731_3601	Ca_desi_scaffold	3601	[A/G]	NA
Ca_Desi_Chrc_scaffold00731_3779	Ca_desi_scaffold	3779	[A/G]	NA
Ca_Desi_Chrc_scaffold00731_3780	Ca_desi_scaffold	3780	[G/T]	NA
Ca_Desi_Chrc_scaffold00731_7761	Ca_desi_scaffold	7761	[T/C]	NA
Ca_Desi_Chrc_scaffold00731_8939	Ca_desi_scaffold	8939	[C/A]	NA
Ca_Desi_Chrc_scaffold00731_8952	Ca_desi_scaffold	8952	[A/C]	NA
Ca_Desi_Chrc_scaffold00731_9088	Ca_desi_scaffold	9088	[A/G]	NA
Ca_Desi_Chrc_scaffold00731_9095	Ca_desi_scaffold	9095	[T/G]	NA
Ca_Desi_Chrc_scaffold00731_9110	Ca_desi_scaffold	9110	[G/A]	NA
Ca_Desi_Chrc_scaffold00731_69135	Ca_desi_scaffold	69135	[A/T]	NA
Ca_Desi_Chrc_scaffold00731_71112	Ca_desi_scaffold	71112	[C/T]	NA
Ca_Desi_Chrc_scaffold00731_72993	Ca_desi_scaffold	72993	[A/G]	NA
Ca_Desi_Chrc_scaffold00731_74182	Ca_desi_scaffold	74182	[T/C]	NA
Ca_Desi_Chrc_scaffold00731_74184	Ca_desi_scaffold	74184	[A/G]	NA
Ca_Desi_Chrc_scaffold00731_74192	Ca_desi_scaffold	74192	[A/C]	NA
Ca_Desi_Chrc_scaffold00731_74207	Ca_desi_scaffold	74207	[A/C]	NA
Ca_Desi_Chrc_scaffold00731_74226	Ca_desi_scaffold	74226	[T/C]	NA
Ca_Desi_Chrc_scaffold00731_74291	Ca_desi_scaffold	74291	[C/A]	NA
Ca_Desi_Chrc_scaffold00731_74304	Ca_desi_scaffold	74304	[G/A]	NA
Ca_Desi_Chrc_scaffold00733_9373	Ca_desi_scaffold	9373	[A/G]	NA
Ca_Desi_Chrc_scaffold00733_9398	Ca_desi_scaffold	9398	[T/C]	NA
Ca_Desi_Chrc_scaffold00733_9431	Ca_desi_scaffold	9431	[T/A]	NA
Ca_Desi_Chrc_scaffold00735_8618	Ca_desi_scaffold	8618	[T/C]	NA
Ca_Desi_Chrc_scaffold00735_8651	Ca_desi_scaffold	8651	[T/C]	NA
Ca_Desi_Chrc_scaffold00735_8663	Ca_desi_scaffold	8663	[A/G]	NA
Ca_Desi_Chrc_scaffold00741_98175	Ca_desi_scaffold	98175	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00741_98183	Ca_desi_scaffold	98183	[A/C]	NA
Ca_Desi_Ch_scaffold00741_98191	Ca_desi_scaffold	98191	[T/C]	NA
Ca_Desi_Ch_scaffold00741_98210	Ca_desi_scaffold	98210	[T/G]	NA
Ca_Desi_Ch_scaffold00741_98221	Ca_desi_scaffold	98221	[A/G]	NA
Ca_Desi_Ch_scaffold00741_98520	Ca_desi_scaffold	98520	[A/C]	NA
Ca_Desi_Ch_scaffold00741_114447	Ca_desi_scaffold	114447	[T/G]	NA
Ca_Desi_Ch_scaffold00741_120096	Ca_desi_scaffold	120096	[T/G]	NA
Ca_Desi_Ch_scaffold00741_120129	Ca_desi_scaffold	120129	[A/T]	NA
Ca_Desi_Ch_scaffold00741_120130	Ca_desi_scaffold	120130	[G/T]	NA
Ca_Desi_Ch_scaffold00741_120154	Ca_desi_scaffold	120154	[C/G]	NA
Ca_Desi_Ch_scaffold00744_39013	Ca_desi_scaffold	39013	[T/C]	NA
Ca_Desi_Ch_scaffold00745_16240	Ca_desi_scaffold	16240	[T/C]	NA
Ca_Desi_Ch_scaffold00745_58402	Ca_desi_scaffold	58402	[G/A]	NA
Ca_Desi_Ch_scaffold00745_58405	Ca_desi_scaffold	58405	[A/G]	NA
Ca_Desi_Ch_scaffold00745_61013	Ca_desi_scaffold	61013	[A/C]	NA
Ca_Desi_Ch_scaffold00745_61248	Ca_desi_scaffold	61248	[T/A]	NA
Ca_Desi_Ch_scaffold00745_63716	Ca_desi_scaffold	63716	[A/G]	NA
Ca_Desi_Ch_scaffold00745_69808	Ca_desi_scaffold	69808	[A/G]	NA
Ca_Desi_Ch_scaffold00745_69832	Ca_desi_scaffold	69832	[A/C]	NA
Ca_Desi_Ch_scaffold00748_31268	Ca_desi_scaffold	31268	[T/G]	NA
Ca_Desi_Ch_scaffold00748_72276	Ca_desi_scaffold	72276	[A/C]	NA
Ca_Desi_Ch_scaffold00748_72311	Ca_desi_scaffold	72311	[A/C]	NA
Ca_Desi_Ch_scaffold00748_72742	Ca_desi_scaffold	72742	[A/G]	NA
Ca_Desi_Ch_scaffold00748_72764	Ca_desi_scaffold	72764	[T/C]	NA
Ca_Desi_Ch_scaffold00748_72777	Ca_desi_scaffold	72777	[A/G]	NA
Ca_Desi_Ch_scaffold00748_72779	Ca_desi_scaffold	72779	[A/G]	NA
Ca_Desi_Ch_scaffold00748_72781	Ca_desi_scaffold	72781	[T/G]	NA
Ca_Desi_Ch_scaffold00748_72812	Ca_desi_scaffold	72812	[A/C]	NA
Ca_Desi_Ch_scaffold00748_72821	Ca_desi_scaffold	72821	[A/G]	NA
Ca_Desi_Ch_scaffold00748_89411	Ca_desi_scaffold	89411	[C/A]	NA
Ca_Desi_Ch_scaffold00748_89412	Ca_desi_scaffold	89412	[C/G]	NA
Ca_Desi_Ch_scaffold00748_89414	Ca_desi_scaffold	89414	[A/T]	NA
Ca_Desi_Ch_scaffold00748_100666	Ca_desi_scaffold	100666	[T/G]	NA
Ca_Desi_Ch_scaffold00750_37798	Ca_desi_scaffold	37798	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00750_37803	Ca_desig_scaffold	37803	[T/C]	NA
Ca_Desig_Chr_scaffold00750_37832	Ca_desig_scaffold	37832	[T/C]	NA
Ca_Desig_Chr_scaffold00750_37856	Ca_desig_scaffold	37856	[G/A]	NA
Ca_Desig_Chr_scaffold00750_93806	Ca_desig_scaffold	93806	[A/G]	NA
Ca_Desig_Chr_scaffold00751_11586	Ca_desig_scaffold	11586	[T/C]	NA
Ca_Desig_Chr_scaffold00751_11598	Ca_desig_scaffold	11598	[A/G]	NA
Ca_Desig_Chr_scaffold00751_11603	Ca_desig_scaffold	11603	[T/C]	NA
Ca_Desig_Chr_scaffold00751_11643	Ca_desig_scaffold	11643	[T/C]	NA
Ca_Desig_Chr_scaffold00751_14615	Ca_desig_scaffold	14615	[T/G]	NA
Ca_Desig_Chr_scaffold00751_83815	Ca_desig_scaffold	83815	[T/G]	NA
Ca_Desig_Chr_scaffold00751_88948	Ca_desig_scaffold	88948	[T/G]	NA
Ca_Desig_Chr_scaffold00751_95712	Ca_desig_scaffold	95712	[A/C]	NA
Ca_Desig_Chr_scaffold00751_114869	Ca_desig_scaffold	114869	[T/G]	NA
Ca_Desig_Chr_scaffold00752_60953	Ca_desig_scaffold	60953	[A/G]	NA
Ca_Desig_Chr_scaffold00760_119393	Ca_desig_scaffold	119393	[T/C]	NA
Ca_Desig_Chr_scaffold00760_119395	Ca_desig_scaffold	119395	[A/G]	NA
Ca_Desig_Chr_scaffold00761_88090	Ca_desig_scaffold	88090	[T/C]	NA
Ca_Desig_Chr_scaffold00761_88093	Ca_desig_scaffold	88093	[T/G]	NA
Ca_Desig_Chr_scaffold00761_88111	Ca_desig_scaffold	88111	[T/G]	NA
Ca_Desig_Chr_scaffold00761_88112	Ca_desig_scaffold	88112	[T/G]	NA
Ca_Desig_Chr_scaffold00761_88114	Ca_desig_scaffold	88114	[G/A]	NA
Ca_Desig_Chr_scaffold00761_88120	Ca_desig_scaffold	88120	[G/A]	NA
Ca_Desig_Chr_scaffold00761_88134	Ca_desig_scaffold	88134	[T/C]	NA
Ca_Desig_Chr_scaffold00767_11936	Ca_desig_scaffold	11936	[C/G]	NA
Ca_Desig_Chr_scaffold00767_11939	Ca_desig_scaffold	11939	[C/T]	NA
Ca_Desig_Chr_scaffold00767_11940	Ca_desig_scaffold	11940	[A/G]	NA
Ca_Desig_Chr_scaffold00767_11942	Ca_desig_scaffold	11942	[A/G]	NA
Ca_Desig_Chr_scaffold00767_14175	Ca_desig_scaffold	14175	[A/C]	NA
Ca_Desig_Chr_scaffold00767_17926	Ca_desig_scaffold	17926	[T/A]	NA
Ca_Desig_Chr_scaffold00768_40801	Ca_desig_scaffold	40801	[A/G]	NA
Ca_Desig_Chr_scaffold00768_40835	Ca_desig_scaffold	40835	[A/G]	NA
Ca_Desig_Chr_scaffold00768_78784	Ca_desig_scaffold	78784	[G/T]	NA
Ca_Desig_Chr_scaffold00768_109481	Ca_desig_scaffold	109481	[G/T]	NA
Ca_Desig_Chr_scaffold00769_11130	Ca_desig_scaffold	11130	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00769_11131	Ca_desig_scaffold	11131	[G/C]	NA
Ca_Desig_Chr_scaffold00769_11132	Ca_desig_scaffold	11132	[A/C]	NA
Ca_Desig_Chr_scaffold00769_39191	Ca_desig_scaffold	39191	[T/A]	NA
Ca_Desig_Chr_scaffold00769_100727	Ca_desig_scaffold	100727	[C/T]	NA
Ca_Desig_Chr_scaffold00770_81211	Ca_desig_scaffold	81211	[T/G]	NA
Ca_Desig_Chr_scaffold00770_106106	Ca_desig_scaffold	106106	[A/C]	NA
Ca_Desig_Chr_scaffold00772_64787	Ca_desig_scaffold	64787	[T/A]	NA
Ca_Desig_Chr_scaffold00772_64788	Ca_desig_scaffold	64788	[C/A]	NA
Ca_Desig_Chr_scaffold00772_64789	Ca_desig_scaffold	64789	[T/G]	NA
Ca_Desig_Chr_scaffold00772_95800	Ca_desig_scaffold	95800	[A/G]	NA
Ca_Desig_Chr_scaffold00772_95807	Ca_desig_scaffold	95807	[A/G]	NA
Ca_Desig_Chr_scaffold00773_22455	Ca_desig_scaffold	22455	[A/G]	NA
Ca_Desig_Chr_scaffold00773_22470	Ca_desig_scaffold	22470	[T/C]	NA
Ca_Desig_Chr_scaffold00773_106762	Ca_desig_scaffold	106762	[T/G]	NA
Ca_Desig_Chr_scaffold00773_106774	Ca_desig_scaffold	106774	[A/C]	NA
Ca_Desig_Chr_scaffold00773_108182	Ca_desig_scaffold	108182	[T/G]	NA
Ca_Desig_Chr_scaffold00774_100957	Ca_desig_scaffold	100957	[A/C]	NA
Ca_Desig_Chr_scaffold00774_101025	Ca_desig_scaffold	101025	[T/G]	NA
Ca_Desig_Chr_scaffold00774_101044	Ca_desig_scaffold	101044	[C/T]	NA
Ca_Desig_Chr_scaffold00776_18039	Ca_desig_scaffold	18039	[T/C]	NA
Ca_Desig_Chr_scaffold00776_18132	Ca_desig_scaffold	18132	[T/G]	NA
Ca_Desig_Chr_scaffold00776_18747	Ca_desig_scaffold	18747	[T/G]	NA
Ca_Desig_Chr_scaffold00776_39821	Ca_desig_scaffold	39821	[A/T]	NA
Ca_Desig_Chr_scaffold00776_39914	Ca_desig_scaffold	39914	[A/C]	NA
Ca_Desig_Chr_scaffold00776_51308	Ca_desig_scaffold	51308	[C/A]	NA
Ca_Desig_Chr_scaffold00776_79101	Ca_desig_scaffold	79101	[T/G]	NA
Ca_Desig_Chr_scaffold00776_87753	Ca_desig_scaffold	87753	[T/C]	NA
Ca_Desig_Chr_scaffold00776_88621	Ca_desig_scaffold	88621	[T/G]	NA
Ca_Desig_Chr_scaffold00776_88941	Ca_desig_scaffold	88941	[T/G]	NA
Ca_Desig_Chr_scaffold00776_99806	Ca_desig_scaffold	99806	[C/G]	NA
Ca_Desig_Chr_scaffold00777_32922	Ca_desig_scaffold	32922	[T/C]	NA
Ca_Desig_Chr_scaffold00777_32929	Ca_desig_scaffold	32929	[A/G]	NA
Ca_Desig_Chr_scaffold00777_45106	Ca_desig_scaffold	45106	[A/G]	NA
Ca_Desig_Chr_scaffold00777_45112	Ca_desig_scaffold	45112	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00777_45133	Ca_desi_scaffold	45133	[T/C]	NA
Ca_Desi_Ch_scaffold00777_45137	Ca_desi_scaffold	45137	[A/G]	NA
Ca_Desi_Ch_scaffold00777_45156	Ca_desi_scaffold	45156	[A/G]	NA
Ca_Desi_Ch_scaffold00777_100226	Ca_desi_scaffold	100226	[T/G]	NA
Ca_Desi_Ch_scaffold00777_102421	Ca_desi_scaffold	102421	[T/G]	NA
Ca_Desi_Ch_scaffold00777_102425	Ca_desi_scaffold	102425	[A/G]	NA
Ca_Desi_Ch_scaffold00777_102443	Ca_desi_scaffold	102443	[T/C]	NA
Ca_Desi_Ch_scaffold00778_52260	Ca_desi_scaffold	52260	[A/C]	NA
Ca_Desi_Ch_scaffold00778_52262	Ca_desi_scaffold	52262	[T/C]	NA
Ca_Desi_Ch_scaffold00778_63682	Ca_desi_scaffold	63682	[A/C]	NA
Ca_Desi_Ch_scaffold00778_63707	Ca_desi_scaffold	63707	[T/C]	NA
Ca_Desi_Ch_scaffold00778_75488	Ca_desi_scaffold	75488	[T/G]	NA
Ca_Desi_Ch_scaffold00778_75513	Ca_desi_scaffold	75513	[T/G]	NA
Ca_Desi_Ch_scaffold00778_75518	Ca_desi_scaffold	75518	[T/C]	NA
Ca_Desi_Ch_scaffold00778_76884	Ca_desi_scaffold	76884	[T/C]	NA
Ca_Desi_Ch_scaffold00778_76890	Ca_desi_scaffold	76890	[A/T]	NA
Ca_Desi_Ch_scaffold00778_76899	Ca_desi_scaffold	76899	[T/C]	NA
Ca_Desi_Ch_scaffold00778_82393	Ca_desi_scaffold	82393	[T/G]	NA
Ca_Desi_Ch_scaffold00778_82425	Ca_desi_scaffold	82425	[T/C]	NA
Ca_Desi_Ch_scaffold00778_111132	Ca_desi_scaffold	111132	[T/A]	NA
Ca_Desi_Ch_scaffold00778_111169	Ca_desi_scaffold	111169	[A/C]	NA
Ca_Desi_Ch_scaffold00778_111174	Ca_desi_scaffold	111174	[T/C]	NA
Ca_Desi_Ch_scaffold00778_111194	Ca_desi_scaffold	111194	[A/C]	NA
Ca_Desi_Ch_scaffold00779_46177	Ca_desi_scaffold	46177	[A/G]	NA
Ca_Desi_Ch_scaffold00779_46184	Ca_desi_scaffold	46184	[T/C]	NA
Ca_Desi_Ch_scaffold00779_46214	Ca_desi_scaffold	46214	[T/C]	NA
Ca_Desi_Ch_scaffold00782_23065	Ca_desi_scaffold	23065	[A/G]	NA
Ca_Desi_Ch_scaffold00782_31121	Ca_desi_scaffold	31121	[A/G]	NA
Ca_Desi_Ch_scaffold00782_34465	Ca_desi_scaffold	34465	[A/G]	NA
Ca_Desi_Ch_scaffold00782_51681	Ca_desi_scaffold	51681	[T/C]	NA
Ca_Desi_Ch_scaffold00782_76425	Ca_desi_scaffold	76425	[T/C]	NA
Ca_Desi_Ch_scaffold00782_76610	Ca_desi_scaffold	76610	[A/C]	NA
Ca_Desi_Ch_scaffold00785_34103	Ca_desi_scaffold	34103	[T/G]	NA
Ca_Desi_Ch_scaffold00788_76043	Ca_desi_scaffold	76043	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00788_76066	Ca_desig_scaffold	76066	[A/T]	NA
Ca_Desig_Chr_scaffold00788_110617	Ca_desig_scaffold	110617	[A/C]	NA
Ca_Desig_Chr_scaffold00789_38055	Ca_desig_scaffold	38055	[T/G]	NA
Ca_Desig_Chr_scaffold00789_38058	Ca_desig_scaffold	38058	[T/C]	NA
Ca_Desig_Chr_scaffold00789_38103	Ca_desig_scaffold	38103	[A/T]	NA
Ca_Desig_Chr_scaffold00789_40975	Ca_desig_scaffold	40975	[T/A]	NA
Ca_Desig_Chr_scaffold00789_40998	Ca_desig_scaffold	40998	[A/G]	NA
Ca_Desig_Chr_scaffold00789_43641	Ca_desig_scaffold	43641	[T/G]	NA
Ca_Desig_Chr_scaffold00789_43763	Ca_desig_scaffold	43763	[T/C]	NA
Ca_Desig_Chr_scaffold00789_43781	Ca_desig_scaffold	43781	[A/G]	NA
Ca_Desig_Chr_scaffold00789_43797	Ca_desig_scaffold	43797	[T/C]	NA
Ca_Desig_Chr_scaffold00789_63236	Ca_desig_scaffold	63236	[T/C]	NA
Ca_Desig_Chr_scaffold00789_63240	Ca_desig_scaffold	63240	[A/C]	NA
Ca_Desig_Chr_scaffold00789_88207	Ca_desig_scaffold	88207	[T/G]	NA
Ca_Desig_Chr_scaffold00789_88375	Ca_desig_scaffold	88375	[T/A]	NA
Ca_Desig_Chr_scaffold00789_88381	Ca_desig_scaffold	88381	[T/G]	NA
Ca_Desig_Chr_scaffold00789_88388	Ca_desig_scaffold	88388	[T/G]	NA
Ca_Desig_Chr_scaffold00789_88925	Ca_desig_scaffold	88925	[T/G]	NA
Ca_Desig_Chr_scaffold00789_88932	Ca_desig_scaffold	88932	[T/C]	NA
Ca_Desig_Chr_scaffold00789_88961	Ca_desig_scaffold	88961	[A/C]	NA
Ca_Desig_Chr_scaffold00789_88984	Ca_desig_scaffold	88984	[A/G]	NA
Ca_Desig_Chr_scaffold00789_89027	Ca_desig_scaffold	89027	[A/C]	NA
Ca_Desig_Chr_scaffold00789_113695	Ca_desig_scaffold	113695	[A/G]	NA
Ca_Desig_Chr_scaffold00790_75305	Ca_desig_scaffold	75305	[T/G]	NA
Ca_Desig_Chr_scaffold00790_75574	Ca_desig_scaffold	75574	[G/A]	NA
Ca_Desig_Chr_scaffold00790_75594	Ca_desig_scaffold	75594	[T/G]	NA
Ca_Desig_Chr_scaffold00790_78283	Ca_desig_scaffold	78283	[T/C]	NA
Ca_Desig_Chr_scaffold00791_52983	Ca_desig_scaffold	52983	[G/T]	NA
Ca_Desig_Chr_scaffold00792_11129	Ca_desig_scaffold	11129	[G/A]	NA
Ca_Desig_Chr_scaffold00792_11139	Ca_desig_scaffold	11139	[G/A]	NA
Ca_Desig_Chr_scaffold00792_11169	Ca_desig_scaffold	11169	[A/T]	NA
Ca_Desig_Chr_scaffold00792_33201	Ca_desig_scaffold	33201	[A/G]	NA
Ca_Desig_Chr_scaffold00792_33304	Ca_desig_scaffold	33304	[A/T]	NA
Ca_Desig_Chr_scaffold00792_33311	Ca_desig_scaffold	33311	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00792_51776	Ca_desig_scaffold	51776	[A/G]	NA
Ca_Desig_Chr_scaffold00792_109657	Ca_desig_scaffold	109657	[A/T]	NA
Ca_Desig_Chr_scaffold00792_111259	Ca_desig_scaffold	111259	[T/G]	NA
Ca_Desig_Chr_scaffold00795_15272	Ca_desig_scaffold	15272	[G/T]	NA
Ca_Desig_Chr_scaffold00795_41339	Ca_desig_scaffold	41339	[T/G]	NA
Ca_Desig_Chr_scaffold00797_21531	Ca_desig_scaffold	21531	[A/G]	NA
Ca_Desig_Chr_scaffold00797_21554	Ca_desig_scaffold	21554	[A/C]	NA
Ca_Desig_Chr_scaffold00797_21566	Ca_desig_scaffold	21566	[A/G]	NA
Ca_Desig_Chr_scaffold00797_21644	Ca_desig_scaffold	21644	[T/G]	NA
Ca_Desig_Chr_scaffold00797_47234	Ca_desig_scaffold	47234	[A/G]	NA
Ca_Desig_Chr_scaffold00797_47242	Ca_desig_scaffold	47242	[T/C]	NA
Ca_Desig_Chr_scaffold00797_47251	Ca_desig_scaffold	47251	[T/C]	NA
Ca_Desig_Chr_scaffold00798_26164	Ca_desig_scaffold	26164	[A/G]	NA
Ca_Desig_Chr_scaffold00798_36319	Ca_desig_scaffold	36319	[C/T]	NA
Ca_Desig_Chr_scaffold00798_36488	Ca_desig_scaffold	36488	[A/G]	NA
Ca_Desig_Chr_scaffold00798_38018	Ca_desig_scaffold	38018	[C/A]	NA
Ca_Desig_Chr_scaffold00798_38072	Ca_desig_scaffold	38072	[G/C]	NA
Ca_Desig_Chr_scaffold00798_38150	Ca_desig_scaffold	38150	[C/G]	NA
Ca_Desig_Chr_scaffold00798_42447	Ca_desig_scaffold	42447	[T/C]	NA
Ca_Desig_Chr_scaffold00798_42470	Ca_desig_scaffold	42470	[A/G]	NA
Ca_Desig_Chr_scaffold00798_42473	Ca_desig_scaffold	42473	[T/C]	NA
Ca_Desig_Chr_scaffold00798_43937	Ca_desig_scaffold	43937	[C/A]	NA
Ca_Desig_Chr_scaffold00798_44770	Ca_desig_scaffold	44770	[T/A]	NA
Ca_Desig_Chr_scaffold00798_44801	Ca_desig_scaffold	44801	[A/C]	NA
Ca_Desig_Chr_scaffold00798_44811	Ca_desig_scaffold	44811	[A/C]	NA
Ca_Desig_Chr_scaffold00801_10575	Ca_desig_scaffold	10575	[A/C]	NA
Ca_Desig_Chr_scaffold00801_10587	Ca_desig_scaffold	10587	[A/G]	NA
Ca_Desig_Chr_scaffold00801_12407	Ca_desig_scaffold	12407	[T/G]	NA
Ca_Desig_Chr_scaffold00801_13759	Ca_desig_scaffold	13759	[T/C]	NA
Ca_Desig_Chr_scaffold00801_75310	Ca_desig_scaffold	75310	[C/T]	NA
Ca_Desig_Chr_scaffold00806_15332	Ca_desig_scaffold	15332	[A/G]	NA
Ca_Desig_Chr_scaffold00806_17016	Ca_desig_scaffold	17016	[A/T]	NA
Ca_Desig_Chr_scaffold00806_17728	Ca_desig_scaffold	17728	[A/G]	NA
Ca_Desig_Chr_scaffold00806_17739	Ca_desig_scaffold	17739	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00806_17772	Ca_desi_scaffold	17772	[A/G]	NA
Ca_Desi_Ch_scaffold00806_18265	Ca_desi_scaffold	18265	[T/C]	NA
Ca_Desi_Ch_scaffold00806_18285	Ca_desi_scaffold	18285	[T/G]	NA
Ca_Desi_Ch_scaffold00806_18297	Ca_desi_scaffold	18297	[T/G]	NA
Ca_Desi_Ch_scaffold00806_18310	Ca_desi_scaffold	18310	[T/C]	NA
Ca_Desi_Ch_scaffold00806_18317	Ca_desi_scaffold	18317	[A/G]	NA
Ca_Desi_Ch_scaffold00806_40216	Ca_desi_scaffold	40216	[G/A]	NA
Ca_Desi_Ch_scaffold00806_62463	Ca_desi_scaffold	62463	[G/A]	NA
Ca_Desi_Ch_scaffold00806_62480	Ca_desi_scaffold	62480	[T/C]	NA
Ca_Desi_Ch_scaffold00806_67314	Ca_desi_scaffold	67314	[C/T]	NA
Ca_Desi_Ch_scaffold00806_67361	Ca_desi_scaffold	67361	[C/A]	NA
Ca_Desi_Ch_scaffold00806_67362	Ca_desi_scaffold	67362	[A/G]	NA
Ca_Desi_Ch_scaffold00806_67542	Ca_desi_scaffold	67542	[G/C]	NA
Ca_Desi_Ch_scaffold00806_71524	Ca_desi_scaffold	71524	[A/G]	NA
Ca_Desi_Ch_scaffold00806_74425	Ca_desi_scaffold	74425	[T/C]	NA
Ca_Desi_Ch_scaffold00806_95130	Ca_desi_scaffold	95130	[C/T]	NA
Ca_Desi_Ch_scaffold00806_95148	Ca_desi_scaffold	95148	[A/G]	NA
Ca_Desi_Ch_scaffold00806_95154	Ca_desi_scaffold	95154	[C/T]	NA
Ca_Desi_Ch_scaffold00806_95306	Ca_desi_scaffold	95306	[G/A]	NA
Ca_Desi_Ch_scaffold00806_95341	Ca_desi_scaffold	95341	[G/A]	NA
Ca_Desi_Ch_scaffold00806_95448	Ca_desi_scaffold	95448	[G/C]	NA
Ca_Desi_Ch_scaffold00806_95483	Ca_desi_scaffold	95483	[C/A]	NA
Ca_Desi_Ch_scaffold00806_95501	Ca_desi_scaffold	95501	[G/A]	NA
Ca_Desi_Ch_scaffold00806_95568	Ca_desi_scaffold	95568	[T/C]	NA
Ca_Desi_Ch_scaffold00806_95793	Ca_desi_scaffold	95793	[T/A]	NA
Ca_Desi_Ch_scaffold00806_102216	Ca_desi_scaffold	102216	[T/C]	NA
Ca_Desi_Ch_scaffold00806_105393	Ca_desi_scaffold	105393	[A/T]	NA
Ca_Desi_Ch_scaffold00806_105419	Ca_desi_scaffold	105419	[T/C]	NA
Ca_Desi_Ch_scaffold00806_105426	Ca_desi_scaffold	105426	[T/C]	NA
Ca_Desi_Ch_scaffold00806_105455	Ca_desi_scaffold	105455	[T/C]	NA
Ca_Desi_Ch_scaffold00806_109687	Ca_desi_scaffold	109687	[A/G]	NA
Ca_Desi_Ch_scaffold00807_88227	Ca_desi_scaffold	88227	[G/A]	NA
Ca_Desi_Ch_scaffold00807_89274	Ca_desi_scaffold	89274	[C/A]	NA
Ca_Desi_Ch_scaffold00807_89281	Ca_desi_scaffold	89281	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00807_89286	Ca_desig_scaffold	89286	[G/A]	NA
Ca_Desig_Chr_scaffold00807_89315	Ca_desig_scaffold	89315	[G/A]	NA
Ca_Desig_Chr_scaffold00809_1497	Ca_desig_scaffold	1497	[A/C]	NA
Ca_Desig_Chr_scaffold00809_37893	Ca_desig_scaffold	37893	[T/C]	NA
Ca_Desig_Chr_scaffold00809_37920	Ca_desig_scaffold	37920	[C/G]	NA
Ca_Desig_Chr_scaffold00809_37995	Ca_desig_scaffold	37995	[T/C]	NA
Ca_Desig_Chr_scaffold00809_38009	Ca_desig_scaffold	38009	[T/C]	NA
Ca_Desig_Chr_scaffold00810_38346	Ca_desig_scaffold	38346	[T/C]	NA
Ca_Desig_Chr_scaffold00810_38362	Ca_desig_scaffold	38362	[T/C]	NA
Ca_Desig_Chr_scaffold00810_78113	Ca_desig_scaffold	78113	[T/A]	NA
Ca_Desig_Chr_scaffold00810_78206	Ca_desig_scaffold	78206	[A/G]	NA
Ca_Desig_Chr_scaffold00810_78234	Ca_desig_scaffold	78234	[T/C]	NA
Ca_Desig_Chr_scaffold00810_78240	Ca_desig_scaffold	78240	[A/G]	NA
Ca_Desig_Chr_scaffold00810_78246	Ca_desig_scaffold	78246	[T/G]	NA
Ca_Desig_Chr_scaffold00810_78276	Ca_desig_scaffold	78276	[A/T]	NA
Ca_Desig_Chr_scaffold00810_78313	Ca_desig_scaffold	78313	[G/A]	NA
Ca_Desig_Chr_scaffold00810_78339	Ca_desig_scaffold	78339	[A/G]	NA
Ca_Desig_Chr_scaffold00810_78351	Ca_desig_scaffold	78351	[A/G]	NA
Ca_Desig_Chr_scaffold00810_78356	Ca_desig_scaffold	78356	[T/G]	NA
Ca_Desig_Chr_scaffold00810_78372	Ca_desig_scaffold	78372	[T/G]	NA
Ca_Desig_Chr_scaffold00812_120	Ca_desig_scaffold	120	[G/T]	NA
Ca_Desig_Chr_scaffold00812_50769	Ca_desig_scaffold	50769	[A/C]	NA
Ca_Desig_Chr_scaffold00812_110114	Ca_desig_scaffold	110114	[T/C]	NA
Ca_Desig_Chr_scaffold00812_110120	Ca_desig_scaffold	110120	[T/G]	NA
Ca_Desig_Chr_scaffold00812_110138	Ca_desig_scaffold	110138	[A/C]	NA
Ca_Desig_Chr_scaffold00812_110152	Ca_desig_scaffold	110152	[C/G]	NA
Ca_Desig_Chr_scaffold00812_111316	Ca_desig_scaffold	111316	[T/C]	NA
Ca_Desig_Chr_scaffold00812_111332	Ca_desig_scaffold	111332	[A/G]	NA
Ca_Desig_Chr_scaffold00812_111346	Ca_desig_scaffold	111346	[A/C]	NA
Ca_Desig_Chr_scaffold00812_111349	Ca_desig_scaffold	111349	[T/C]	NA
Ca_Desig_Chr_scaffold00813_53430	Ca_desig_scaffold	53430	[T/G]	NA
Ca_Desig_Chr_scaffold00813_53439	Ca_desig_scaffold	53439	[T/G]	NA
Ca_Desig_Chr_scaffold00813_53472	Ca_desig_scaffold	53472	[T/C]	NA
Ca_Desig_Chr_scaffold00813_53481	Ca_desig_scaffold	53481	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00813_53502	Ca_desig_scaffold	53502	[T/G]	NA
Ca_Desig_Chr_scaffold00815_16593	Ca_desig_scaffold	16593	[T/C]	NA
Ca_Desig_Chr_scaffold00815_16603	Ca_desig_scaffold	16603	[T/C]	NA
Ca_Desig_Chr_scaffold00815_19628	Ca_desig_scaffold	19628	[T/A]	NA
Ca_Desig_Chr_scaffold00815_19644	Ca_desig_scaffold	19644	[T/A]	NA
Ca_Desig_Chr_scaffold00815_19650	Ca_desig_scaffold	19650	[A/T]	NA
Ca_Desig_Chr_scaffold00815_19687	Ca_desig_scaffold	19687	[A/G]	NA
Ca_Desig_Chr_scaffold00815_19735	Ca_desig_scaffold	19735	[T/A]	NA
Ca_Desig_Chr_scaffold00815_19749	Ca_desig_scaffold	19749	[A/G]	NA
Ca_Desig_Chr_scaffold00815_36317	Ca_desig_scaffold	36317	[C/A]	NA
Ca_Desig_Chr_scaffold00815_36318	Ca_desig_scaffold	36318	[A/G]	NA
Ca_Desig_Chr_scaffold00815_38035	Ca_desig_scaffold	38035	[T/G]	NA
Ca_Desig_Chr_scaffold00815_38174	Ca_desig_scaffold	38174	[A/C]	NA
Ca_Desig_Chr_scaffold00815_38335	Ca_desig_scaffold	38335	[C/A]	NA
Ca_Desig_Chr_scaffold00815_38702	Ca_desig_scaffold	38702	[A/C]	NA
Ca_Desig_Chr_scaffold00815_38703	Ca_desig_scaffold	38703	[T/A]	NA
Ca_Desig_Chr_scaffold00815_38704	Ca_desig_scaffold	38704	[C/A]	NA
Ca_Desig_Chr_scaffold00815_38705	Ca_desig_scaffold	38705	[T/G]	NA
Ca_Desig_Chr_scaffold00815_104550	Ca_desig_scaffold	104550	[A/C]	NA
Ca_Desig_Chr_scaffold00816_45279	Ca_desig_scaffold	45279	[A/C]	NA
Ca_Desig_Chr_scaffold00816_45301	Ca_desig_scaffold	45301	[T/G]	NA
Ca_Desig_Chr_scaffold00816_59504	Ca_desig_scaffold	59504	[A/C]	NA
Ca_Desig_Chr_scaffold00816_59510	Ca_desig_scaffold	59510	[T/A]	NA
Ca_Desig_Chr_scaffold00816_59515	Ca_desig_scaffold	59515	[A/G]	NA
Ca_Desig_Chr_scaffold00816_76955	Ca_desig_scaffold	76955	[A/G]	NA
Ca_Desig_Chr_scaffold00822_15730	Ca_desig_scaffold	15730	[A/G]	NA
Ca_Desig_Chr_scaffold00822_81280	Ca_desig_scaffold	81280	[A/G]	NA
Ca_Desig_Chr_scaffold00822_81366	Ca_desig_scaffold	81366	[A/G]	NA
Ca_Desig_Chr_scaffold00822_85924	Ca_desig_scaffold	85924	[C/T]	NA
Ca_Desig_Chr_scaffold00822_85954	Ca_desig_scaffold	85954	[C/T]	NA
Ca_Desig_Chr_scaffold00822_85957	Ca_desig_scaffold	85957	[A/G]	NA
Ca_Desig_Chr_scaffold00822_86086	Ca_desig_scaffold	86086	[T/C]	NA
Ca_Desig_Chr_scaffold00822_89409	Ca_desig_scaffold	89409	[T/C]	NA
Ca_Desig_Chr_scaffold00822_89413	Ca_desig_scaffold	89413	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00823_20730	Ca_desig_scaffold	20730	[T/G]	NA
Ca_Desig_Chr_scaffold00823_22002	Ca_desig_scaffold	22002	[T/G]	NA
Ca_Desig_Chr_scaffold00823_22519	Ca_desig_scaffold	22519	[A/C]	NA
Ca_Desig_Chr_scaffold00823_22614	Ca_desig_scaffold	22614	[T/C]	NA
Ca_Desig_Chr_scaffold00823_22664	Ca_desig_scaffold	22664	[T/C]	NA
Ca_Desig_Chr_scaffold00823_22685	Ca_desig_scaffold	22685	[T/C]	NA
Ca_Desig_Chr_scaffold00824_42501	Ca_desig_scaffold	42501	[C/T]	NA
Ca_Desig_Chr_scaffold00824_44982	Ca_desig_scaffold	44982	[A/G]	NA
Ca_Desig_Chr_scaffold00824_45017	Ca_desig_scaffold	45017	[T/C]	NA
Ca_Desig_Chr_scaffold00833_15577	Ca_desig_scaffold	15577	[G/A]	NA
Ca_Desig_Chr_scaffold00833_25290	Ca_desig_scaffold	25290	[T/C]	NA
Ca_Desig_Chr_scaffold00833_25308	Ca_desig_scaffold	25308	[A/T]	NA
Ca_Desig_Chr_scaffold00833_25309	Ca_desig_scaffold	25309	[A/C]	NA
Ca_Desig_Chr_scaffold00833_25310	Ca_desig_scaffold	25310	[G/T]	NA
Ca_Desig_Chr_scaffold00833_26294	Ca_desig_scaffold	26294	[G/C]	NA
Ca_Desig_Chr_scaffold00833_84456	Ca_desig_scaffold	84456	[G/A]	NA
Ca_Desig_Chr_scaffold00833_97153	Ca_desig_scaffold	97153	[A/T]	NA
Ca_Desig_Chr_scaffold00833_97201	Ca_desig_scaffold	97201	[A/G]	NA
Ca_Desig_Chr_scaffold00833_97206	Ca_desig_scaffold	97206	[A/G]	NA
Ca_Desig_Chr_scaffold00833_97279	Ca_desig_scaffold	97279	[A/G]	NA
Ca_Desig_Chr_scaffold00833_97309	Ca_desig_scaffold	97309	[A/G]	NA
Ca_Desig_Chr_scaffold00833_97364	Ca_desig_scaffold	97364	[A/C]	NA
Ca_Desig_Chr_scaffold00834_68485	Ca_desig_scaffold	68485	[A/C]	NA
Ca_Desig_Chr_scaffold00834_68661	Ca_desig_scaffold	68661	[A/T]	NA
Ca_Desig_Chr_scaffold00836_9785	Ca_desig_scaffold	9785	[G/T]	NA
Ca_Desig_Chr_scaffold00836_9787	Ca_desig_scaffold	9787	[T/G]	NA
Ca_Desig_Chr_scaffold00836_9794	Ca_desig_scaffold	9794	[A/C]	NA
Ca_Desig_Chr_scaffold00836_9830	Ca_desig_scaffold	9830	[A/G]	NA
Ca_Desig_Chr_scaffold00836_10510	Ca_desig_scaffold	10510	[A/C]	NA
Ca_Desig_Chr_scaffold00837_100	Ca_desig_scaffold	100	[A/G]	NA
Ca_Desig_Chr_scaffold00837_137	Ca_desig_scaffold	137	[G/T]	NA
Ca_Desig_Chr_scaffold00837_165	Ca_desig_scaffold	165	[T/C]	NA
Ca_Desig_Chr_scaffold00837_166	Ca_desig_scaffold	166	[C/A]	NA
Ca_Desig_Chr_scaffold00837_169	Ca_desig_scaffold	169	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00837_36868	Ca_desi_scaffold	36868	[A/C]	NA
Ca_Desi_Ch_scaffold00837_72090	Ca_desi_scaffold	72090	[A/G]	NA
Ca_Desi_Ch_scaffold00837_78628	Ca_desi_scaffold	78628	[A/C]	NA
Ca_Desi_Ch_scaffold00837_92981	Ca_desi_scaffold	92981	[A/G]	NA
Ca_Desi_Ch_scaffold00837_108494	Ca_desi_scaffold	108494	[T/C]	NA
Ca_Desi_Ch_scaffold00840_86679	Ca_desi_scaffold	86679	[T/C]	NA
Ca_Desi_Ch_scaffold00840_86730	Ca_desi_scaffold	86730	[A/C]	NA
Ca_Desi_Ch_scaffold00842_41406	Ca_desi_scaffold	41406	[T/C]	NA
Ca_Desi_Ch_scaffold00842_83367	Ca_desi_scaffold	83367	[C/A]	NA
Ca_Desi_Ch_scaffold00842_89873	Ca_desi_scaffold	89873	[T/C]	NA
Ca_Desi_Ch_scaffold00848_6175	Ca_desi_scaffold	6175	[T/G]	NA
Ca_Desi_Ch_scaffold00848_6189	Ca_desi_scaffold	6189	[A/G]	NA
Ca_Desi_Ch_scaffold00848_6211	Ca_desi_scaffold	6211	[T/C]	NA
Ca_Desi_Ch_scaffold00848_6232	Ca_desi_scaffold	6232	[A/G]	NA
Ca_Desi_Ch_scaffold00848_63268	Ca_desi_scaffold	63268	[A/G]	NA
Ca_Desi_Ch_scaffold00848_69852	Ca_desi_scaffold	69852	[T/A]	NA
Ca_Desi_Ch_scaffold00850_19158	Ca_desi_scaffold	19158	[T/C]	NA
Ca_Desi_Ch_scaffold00850_20380	Ca_desi_scaffold	20380	[A/C]	NA
Ca_Desi_Ch_scaffold00850_20384	Ca_desi_scaffold	20384	[A/C]	NA
Ca_Desi_Ch_scaffold00850_20416	Ca_desi_scaffold	20416	[A/C]	NA
Ca_Desi_Ch_scaffold00850_22360	Ca_desi_scaffold	22360	[A/C]	NA
Ca_Desi_Ch_scaffold00850_22370	Ca_desi_scaffold	22370	[A/C]	NA
Ca_Desi_Ch_scaffold00850_22374	Ca_desi_scaffold	22374	[T/C]	NA
Ca_Desi_Ch_scaffold00850_22376	Ca_desi_scaffold	22376	[G/T]	NA
Ca_Desi_Ch_scaffold00850_22395	Ca_desi_scaffold	22395	[A/G]	NA
Ca_Desi_Ch_scaffold00850_83647	Ca_desi_scaffold	83647	[T/C]	NA
Ca_Desi_Ch_scaffold00850_83691	Ca_desi_scaffold	83691	[A/C]	NA
Ca_Desi_Ch_scaffold00850_86704	Ca_desi_scaffold	86704	[T/C]	NA
Ca_Desi_Ch_scaffold00850_86708	Ca_desi_scaffold	86708	[A/G]	NA
Ca_Desi_Ch_scaffold00850_86737	Ca_desi_scaffold	86737	[T/C]	NA
Ca_Desi_Ch_scaffold00850_86740	Ca_desi_scaffold	86740	[T/G]	NA
Ca_Desi_Ch_scaffold00850_86742	Ca_desi_scaffold	86742	[A/G]	NA
Ca_Desi_Ch_scaffold00850_86746	Ca_desi_scaffold	86746	[A/C]	NA
Ca_Desi_Ch_scaffold00850_86753	Ca_desi_scaffold	86753	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00850_86756	Ca_desig_scaffold	86756	[A/G]	NA
Ca_Desig_Chr_scaffold00850_86764	Ca_desig_scaffold	86764	[T/A]	NA
Ca_Desig_Chr_scaffold00850_91032	Ca_desig_scaffold	91032	[A/G]	NA
Ca_Desig_Chr_scaffold00851_23938	Ca_desig_scaffold	23938	[A/G]	NA
Ca_Desig_Chr_scaffold00851_23961	Ca_desig_scaffold	23961	[G/A]	NA
Ca_Desig_Chr_scaffold00851_23968	Ca_desig_scaffold	23968	[T/G]	NA
Ca_Desig_Chr_scaffold00851_24044	Ca_desig_scaffold	24044	[A/T]	NA
Ca_Desig_Chr_scaffold00851_33874	Ca_desig_scaffold	33874	[T/G]	NA
Ca_Desig_Chr_scaffold00851_40660	Ca_desig_scaffold	40660	[A/G]	NA
Ca_Desig_Chr_scaffold00851_50401	Ca_desig_scaffold	50401	[C/A]	NA
Ca_Desig_Chr_scaffold00851_50402	Ca_desig_scaffold	50402	[A/G]	NA
Ca_Desig_Chr_scaffold00851_50403	Ca_desig_scaffold	50403	[T/A]	NA
Ca_Desig_Chr_scaffold00851_77595	Ca_desig_scaffold	77595	[T/C]	NA
Ca_Desig_Chr_scaffold00851_77601	Ca_desig_scaffold	77601	[T/G]	NA
Ca_Desig_Chr_scaffold00851_77605	Ca_desig_scaffold	77605	[A/G]	NA
Ca_Desig_Chr_scaffold00851_77608	Ca_desig_scaffold	77608	[A/G]	NA
Ca_Desig_Chr_scaffold00851_77610	Ca_desig_scaffold	77610	[T/C]	NA
Ca_Desig_Chr_scaffold00851_77614	Ca_desig_scaffold	77614	[A/G]	NA
Ca_Desig_Chr_scaffold00851_77615	Ca_desig_scaffold	77615	[T/C]	NA
Ca_Desig_Chr_scaffold00851_77634	Ca_desig_scaffold	77634	[T/C]	NA
Ca_Desig_Chr_scaffold00851_77641	Ca_desig_scaffold	77641	[A/G]	NA
Ca_Desig_Chr_scaffold00851_77643	Ca_desig_scaffold	77643	[A/G]	NA
Ca_Desig_Chr_scaffold00851_77660	Ca_desig_scaffold	77660	[A/G]	NA
Ca_Desig_Chr_scaffold00852_11044	Ca_desig_scaffold	11044	[T/G]	NA
Ca_Desig_Chr_scaffold00852_61185	Ca_desig_scaffold	61185	[T/G]	NA
Ca_Desig_Chr_scaffold00852_61191	Ca_desig_scaffold	61191	[C/T]	NA
Ca_Desig_Chr_scaffold00852_61197	Ca_desig_scaffold	61197	[G/T]	NA
Ca_Desig_Chr_scaffold00852_80707	Ca_desig_scaffold	80707	[A/G]	NA
Ca_Desig_Chr_scaffold00852_80726	Ca_desig_scaffold	80726	[T/C]	NA
Ca_Desig_Chr_scaffold00852_80737	Ca_desig_scaffold	80737	[A/C]	NA
Ca_Desig_Chr_scaffold00852_81177	Ca_desig_scaffold	81177	[T/G]	NA
Ca_Desig_Chr_scaffold00852_81182	Ca_desig_scaffold	81182	[T/G]	NA
Ca_Desig_Chr_scaffold00853_14584	Ca_desig_scaffold	14584	[C/G]	NA
Ca_Desig_Chr_scaffold00853_21850	Ca_desig_scaffold	21850	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00853_21851	Ca_desi_scaffold	21851	[A/T]	NA
Ca_Desi_Ch_scaffold00853_21891	Ca_desi_scaffold	21891	[A/G]	NA
Ca_Desi_Ch_scaffold00854_10034	Ca_desi_scaffold	10034	[T/C]	NA
Ca_Desi_Ch_scaffold00854_19482	Ca_desi_scaffold	19482	[T/C]	NA
Ca_Desi_Ch_scaffold00854_19664	Ca_desi_scaffold	19664	[A/C]	NA
Ca_Desi_Ch_scaffold00854_50891	Ca_desi_scaffold	50891	[A/G]	NA
Ca_Desi_Ch_scaffold00854_50926	Ca_desi_scaffold	50926	[T/A]	NA
Ca_Desi_Ch_scaffold00854_51947	Ca_desi_scaffold	51947	[A/G]	NA
Ca_Desi_Ch_scaffold00854_51986	Ca_desi_scaffold	51986	[A/C]	NA
Ca_Desi_Ch_scaffold00854_59832	Ca_desi_scaffold	59832	[A/G]	NA
Ca_Desi_Ch_scaffold00854_59914	Ca_desi_scaffold	59914	[A/C]	NA
Ca_Desi_Ch_scaffold00854_59921	Ca_desi_scaffold	59921	[A/G]	NA
Ca_Desi_Ch_scaffold00854_64234	Ca_desi_scaffold	64234	[T/G]	NA
Ca_Desi_Ch_scaffold00854_73610	Ca_desi_scaffold	73610	[A/G]	NA
Ca_Desi_Ch_scaffold00854_77025	Ca_desi_scaffold	77025	[A/C]	NA
Ca_Desi_Ch_scaffold00854_77036	Ca_desi_scaffold	77036	[T/C]	NA
Ca_Desi_Ch_scaffold00854_77049	Ca_desi_scaffold	77049	[T/G]	NA
Ca_Desi_Ch_scaffold00854_77056	Ca_desi_scaffold	77056	[T/C]	NA
Ca_Desi_Ch_scaffold00854_92745	Ca_desi_scaffold	92745	[T/G]	NA
Ca_Desi_Ch_scaffold00854_92765	Ca_desi_scaffold	92765	[T/G]	NA
Ca_Desi_Ch_scaffold00854_97701	Ca_desi_scaffold	97701	[T/G]	NA
Ca_Desi_Ch_scaffold00854_97708	Ca_desi_scaffold	97708	[T/C]	NA
Ca_Desi_Ch_scaffold00854_97760	Ca_desi_scaffold	97760	[A/C]	NA
Ca_Desi_Ch_scaffold00854_97767	Ca_desi_scaffold	97767	[T/C]	NA
Ca_Desi_Ch_scaffold00859_23860	Ca_desi_scaffold	23860	[T/G]	NA
Ca_Desi_Ch_scaffold00859_24531	Ca_desi_scaffold	24531	[G/C]	NA
Ca_Desi_Ch_scaffold00859_24553	Ca_desi_scaffold	24553	[T/G]	NA
Ca_Desi_Ch_scaffold00859_24567	Ca_desi_scaffold	24567	[A/C]	NA
Ca_Desi_Ch_scaffold00859_70728	Ca_desi_scaffold	70728	[T/C]	NA
Ca_Desi_Ch_scaffold00859_94323	Ca_desi_scaffold	94323	[T/G]	NA
Ca_Desi_Ch_scaffold00859_94337	Ca_desi_scaffold	94337	[T/C]	NA
Ca_Desi_Ch_scaffold00859_94343	Ca_desi_scaffold	94343	[T/C]	NA
Ca_Desi_Ch_scaffold00859_94351	Ca_desi_scaffold	94351	[G/T]	NA
Ca_Desi_Ch_scaffold00860_31749	Ca_desi_scaffold	31749	[T/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00860_53581	Ca_desig_scaffold	53581	[T/C]	NA
Ca_Desig_Chr_scaffold00860_53591	Ca_desig_scaffold	53591	[A/T]	NA
Ca_Desig_Chr_scaffold00860_53599	Ca_desig_scaffold	53599	[T/G]	NA
Ca_Desig_Chr_scaffold00860_53610	Ca_desig_scaffold	53610	[T/G]	NA
Ca_Desig_Chr_scaffold00866_806	Ca_desig_scaffold	806	[T/G]	NA
Ca_Desig_Chr_scaffold00870_89893	Ca_desig_scaffold	89893	[A/C]	NA
Ca_Desig_Chr_scaffold00870_89897	Ca_desig_scaffold	89897	[T/G]	NA
Ca_Desig_Chr_scaffold00872_53376	Ca_desig_scaffold	53376	[C/G]	NA
Ca_Desig_Chr_scaffold00872_53377	Ca_desig_scaffold	53377	[G/T]	NA
Ca_Desig_Chr_scaffold00872_53405	Ca_desig_scaffold	53405	[A/C]	NA
Ca_Desig_Chr_scaffold00872_60842	Ca_desig_scaffold	60842	[A/G]	NA
Ca_Desig_Chr_scaffold00872_86314	Ca_desig_scaffold	86314	[A/C]	NA
Ca_Desig_Chr_scaffold00872_86330	Ca_desig_scaffold	86330	[A/T]	NA
Ca_Desig_Chr_scaffold00879_24957	Ca_desig_scaffold	24957	[A/G]	NA
Ca_Desig_Chr_scaffold00879_54243	Ca_desig_scaffold	54243	[A/T]	NA
Ca_Desig_Chr_scaffold00879_54246	Ca_desig_scaffold	54246	[A/C]	NA
Ca_Desig_Chr_scaffold00879_54256	Ca_desig_scaffold	54256	[G/T]	NA
Ca_Desig_Chr_scaffold00879_54262	Ca_desig_scaffold	54262	[T/C]	NA
Ca_Desig_Chr_scaffold00879_54265	Ca_desig_scaffold	54265	[T/C]	NA
Ca_Desig_Chr_scaffold00879_54268	Ca_desig_scaffold	54268	[A/C]	NA
Ca_Desig_Chr_scaffold00879_54273	Ca_desig_scaffold	54273	[A/G]	NA
Ca_Desig_Chr_scaffold00879_54280	Ca_desig_scaffold	54280	[A/C]	NA
Ca_Desig_Chr_scaffold00879_54290	Ca_desig_scaffold	54290	[T/C]	NA
Ca_Desig_Chr_scaffold00879_54303	Ca_desig_scaffold	54303	[A/G]	NA
Ca_Desig_Chr_scaffold00879_54585	Ca_desig_scaffold	54585	[T/C]	NA
Ca_Desig_Chr_scaffold00879_54590	Ca_desig_scaffold	54590	[C/A]	NA
Ca_Desig_Chr_scaffold00879_54621	Ca_desig_scaffold	54621	[A/G]	NA
Ca_Desig_Chr_scaffold00879_54628	Ca_desig_scaffold	54628	[A/G]	NA
Ca_Desig_Chr_scaffold00879_55945	Ca_desig_scaffold	55945	[A/C]	NA
Ca_Desig_Chr_scaffold00879_55947	Ca_desig_scaffold	55947	[T/C]	NA
Ca_Desig_Chr_scaffold00879_55955	Ca_desig_scaffold	55955	[A/G]	NA
Ca_Desig_Chr_scaffold00879_55959	Ca_desig_scaffold	55959	[T/C]	NA
Ca_Desig_Chr_scaffold00879_55970	Ca_desig_scaffold	55970	[A/C]	NA
Ca_Desig_Chr_scaffold00879_55978	Ca_desig_scaffold	55978	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00879_56132	Ca_desig_scaffold	56132	[A/C]	NA
Ca_Desig_Chr_scaffold00879_56138	Ca_desig_scaffold	56138	[A/C]	NA
Ca_Desig_Chr_scaffold00879_105694	Ca_desig_scaffold	105694	[T/G]	NA
Ca_Desig_Chr_scaffold00881_27923	Ca_desig_scaffold	27923	[A/C]	NA
Ca_Desig_Chr_scaffold00881_27931	Ca_desig_scaffold	27931	[A/G]	NA
Ca_Desig_Chr_scaffold00881_35479	Ca_desig_scaffold	35479	[A/G]	NA
Ca_Desig_Chr_scaffold00881_35496	Ca_desig_scaffold	35496	[A/G]	NA
Ca_Desig_Chr_scaffold00881_35498	Ca_desig_scaffold	35498	[T/G]	NA
Ca_Desig_Chr_scaffold00881_35507	Ca_desig_scaffold	35507	[T/G]	NA
Ca_Desig_Chr_scaffold00881_35510	Ca_desig_scaffold	35510	[A/G]	NA
Ca_Desig_Chr_scaffold00885_7126	Ca_desig_scaffold	7126	[A/T]	NA
Ca_Desig_Chr_scaffold00885_7411	Ca_desig_scaffold	7411	[A/C]	NA
Ca_Desig_Chr_scaffold00885_7925	Ca_desig_scaffold	7925	[G/A]	NA
Ca_Desig_Chr_scaffold00885_10350	Ca_desig_scaffold	10350	[C/T]	NA
Ca_Desig_Chr_scaffold00885_36964	Ca_desig_scaffold	36964	[A/T]	NA
Ca_Desig_Chr_scaffold00885_53215	Ca_desig_scaffold	53215	[G/T]	NA
Ca_Desig_Chr_scaffold00885_53697	Ca_desig_scaffold	53697	[G/T]	NA
Ca_Desig_Chr_scaffold00885_53698	Ca_desig_scaffold	53698	[T/G]	NA
Ca_Desig_Chr_scaffold00885_83516	Ca_desig_scaffold	83516	[T/C]	NA
Ca_Desig_Chr_scaffold00885_83564	Ca_desig_scaffold	83564	[A/T]	NA
Ca_Desig_Chr_scaffold00893_478	Ca_desig_scaffold	478	[T/C]	NA
Ca_Desig_Chr_scaffold00893_31949	Ca_desig_scaffold	31949	[T/G]	NA
Ca_Desig_Chr_scaffold00893_34553	Ca_desig_scaffold	34553	[C/A]	NA
Ca_Desig_Chr_scaffold00893_34554	Ca_desig_scaffold	34554	[C/G]	NA
Ca_Desig_Chr_scaffold00893_34555	Ca_desig_scaffold	34555	[G/A]	NA
Ca_Desig_Chr_scaffold00893_47854	Ca_desig_scaffold	47854	[A/G]	NA
Ca_Desig_Chr_scaffold00893_47857	Ca_desig_scaffold	47857	[T/C]	NA
Ca_Desig_Chr_scaffold00893_47860	Ca_desig_scaffold	47860	[T/C]	NA
Ca_Desig_Chr_scaffold00893_47889	Ca_desig_scaffold	47889	[T/C]	NA
Ca_Desig_Chr_scaffold00893_47892	Ca_desig_scaffold	47892	[A/G]	NA
Ca_Desig_Chr_scaffold00893_47894	Ca_desig_scaffold	47894	[A/G]	NA
Ca_Desig_Chr_scaffold00893_47900	Ca_desig_scaffold	47900	[A/G]	NA
Ca_Desig_Chr_scaffold00893_51937	Ca_desig_scaffold	51937	[T/G]	NA
Ca_Desig_Chr_scaffold00893_64765	Ca_desig_scaffold	64765	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00893_64786	Ca_desig_scaffold	64786	[A/G]	NA
Ca_DesigChr_scaffold00893_64805	Ca_desig_scaffold	64805	[A/C]	NA
Ca_DesigChr_scaffold00893_64832	Ca_desig_scaffold	64832	[C/T]	NA
Ca_DesigChr_scaffold00893_80228	Ca_desig_scaffold	80228	[C/A]	NA
Ca_DesigChr_scaffold00897_36057	Ca_desig_scaffold	36057	[C/T]	NA
Ca_DesigChr_scaffold00897_38148	Ca_desig_scaffold	38148	[A/G]	NA
Ca_DesigChr_scaffold00897_38177	Ca_desig_scaffold	38177	[A/C]	NA
Ca_DesigChr_scaffold00897_38225	Ca_desig_scaffold	38225	[T/G]	NA
Ca_DesigChr_scaffold00897_86258	Ca_desig_scaffold	86258	[A/C]	NA
Ca_DesigChr_scaffold00897_86270	Ca_desig_scaffold	86270	[T/A]	NA
Ca_DesigChr_scaffold00897_86284	Ca_desig_scaffold	86284	[A/C]	NA
Ca_DesigChr_scaffold00897_86767	Ca_desig_scaffold	86767	[C/A]	NA
Ca_DesigChr_scaffold00897_95927	Ca_desig_scaffold	95927	[T/G]	NA
Ca_DesigChr_scaffold00897_95933	Ca_desig_scaffold	95933	[G/A]	NA
Ca_DesigChr_scaffold00897_96041	Ca_desig_scaffold	96041	[T/G]	NA
Ca_DesigChr_scaffold00897_104578	Ca_desig_scaffold	104578	[A/G]	NA
Ca_DesigChr_scaffold00897_104631	Ca_desig_scaffold	104631	[A/C]	NA
Ca_DesigChr_scaffold00897_104642	Ca_desig_scaffold	104642	[A/G]	NA
Ca_DesigChr_scaffold00897_104650	Ca_desig_scaffold	104650	[T/C]	NA
Ca_DesigChr_scaffold00897_104674	Ca_desig_scaffold	104674	[T/A]	NA
Ca_DesigChr_scaffold00897_105062	Ca_desig_scaffold	105062	[C/T]	NA
Ca_DesigChr_scaffold00897_105071	Ca_desig_scaffold	105071	[A/C]	NA
Ca_DesigChr_scaffold00897_106078	Ca_desig_scaffold	106078	[C/T]	NA
Ca_DesigChr_scaffold00899_15438	Ca_desig_scaffold	15438	[C/A]	NA
Ca_DesigChr_scaffold00899_15440	Ca_desig_scaffold	15440	[T/C]	NA
Ca_DesigChr_scaffold00899_102533	Ca_desig_scaffold	102533	[A/G]	NA
Ca_DesigChr_scaffold00899_102534	Ca_desig_scaffold	102534	[T/A]	NA
Ca_DesigChr_scaffold00900_17481	Ca_desig_scaffold	17481	[T/A]	NA
Ca_DesigChr_scaffold00900_26228	Ca_desig_scaffold	26228	[A/C]	NA
Ca_DesigChr_scaffold00900_26256	Ca_desig_scaffold	26256	[A/C]	NA
Ca_DesigChr_scaffold00900_26260	Ca_desig_scaffold	26260	[A/C]	NA
Ca_DesigChr_scaffold00900_47531	Ca_desig_scaffold	47531	[G/T]	NA
Ca_DesigChr_scaffold00900_60957	Ca_desig_scaffold	60957	[T/G]	NA
Ca_DesigChr_scaffold00900_96568	Ca_desig_scaffold	96568	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00900_96570	Ca_desig_scaffold	96570	[C/T]	NA
Ca_DesigChr_scaffold00903_63146	Ca_desig_scaffold	63146	[T/C]	NA
Ca_DesigChr_scaffold00903_78234	Ca_desig_scaffold	78234	[A/G]	NA
Ca_DesigChr_scaffold00903_95241	Ca_desig_scaffold	95241	[T/G]	NA
Ca_DesigChr_scaffold00906_26212	Ca_desig_scaffold	26212	[C/T]	NA
Ca_DesigChr_scaffold00906_26254	Ca_desig_scaffold	26254	[C/T]	NA
Ca_DesigChr_scaffold00906_76018	Ca_desig_scaffold	76018	[T/C]	NA
Ca_DesigChr_scaffold00906_76035	Ca_desig_scaffold	76035	[C/T]	NA
Ca_DesigChr_scaffold00906_76061	Ca_desig_scaffold	76061	[T/C]	NA
Ca_DesigChr_scaffold00906_87031	Ca_desig_scaffold	87031	[T/A]	NA
Ca_DesigChr_scaffold00906_87099	Ca_desig_scaffold	87099	[C/G]	NA
Ca_DesigChr_scaffold00906_91967	Ca_desig_scaffold	91967	[C/A]	NA
Ca_DesigChr_scaffold00906_98125	Ca_desig_scaffold	98125	[C/T]	NA
Ca_DesigChr_scaffold00906_98155	Ca_desig_scaffold	98155	[C/T]	NA
Ca_DesigChr_scaffold00906_98214	Ca_desig_scaffold	98214	[T/C]	NA
Ca_DesigChr_scaffold00906_98443	Ca_desig_scaffold	98443	[C/T]	NA
Ca_DesigChr_scaffold00906_100047	Ca_desig_scaffold	100047	[G/T]	NA
Ca_DesigChr_scaffold00906_100048	Ca_desig_scaffold	100048	[C/T]	NA
Ca_DesigChr_scaffold00917_36409	Ca_desig_scaffold	36409	[A/C]	NA
Ca_DesigChr_scaffold00917_66277	Ca_desig_scaffold	66277	[A/G]	NA
Ca_DesigChr_scaffold00917_74228	Ca_desig_scaffold	74228	[T/C]	NA
Ca_DesigChr_scaffold00917_74237	Ca_desig_scaffold	74237	[A/G]	NA
Ca_DesigChr_scaffold00917_74244	Ca_desig_scaffold	74244	[T/G]	NA
Ca_DesigChr_scaffold00917_74270	Ca_desig_scaffold	74270	[A/C]	NA
Ca_DesigChr_scaffold00917_97807	Ca_desig_scaffold	97807	[T/C]	NA
Ca_DesigChr_scaffold00919_53254	Ca_desig_scaffold	53254	[A/T]	NA
Ca_DesigChr_scaffold00919_54330	Ca_desig_scaffold	54330	[A/G]	NA
Ca_DesigChr_scaffold00919_54337	Ca_desig_scaffold	54337	[A/C]	NA
Ca_DesigChr_scaffold00922_5152	Ca_desig_scaffold	5152	[T/C]	NA
Ca_DesigChr_scaffold00922_5155	Ca_desig_scaffold	5155	[T/C]	NA
Ca_DesigChr_scaffold00922_5217	Ca_desig_scaffold	5217	[T/G]	NA
Ca_DesigChr_scaffold00922_5228	Ca_desig_scaffold	5228	[C/G]	NA
Ca_DesigChr_scaffold00922_5354	Ca_desig_scaffold	5354	[A/G]	NA
Ca_DesigChr_scaffold00922_5356	Ca_desig_scaffold	5356	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold00922_5395	Ca_desig_scaffold	5395	[A/C]	NA
Ca_DesigChr_scaffold00922_5399	Ca_desig_scaffold	5399	[A/C]	NA
Ca_DesigChr_scaffold00922_5425	Ca_desig_scaffold	5425	[A/C]	NA
Ca_DesigChr_scaffold00922_9633	Ca_desig_scaffold	9633	[A/G]	NA
Ca_DesigChr_scaffold00922_9635	Ca_desig_scaffold	9635	[G/A]	NA
Ca_DesigChr_scaffold00922_9637	Ca_desig_scaffold	9637	[A/C]	NA
Ca_DesigChr_scaffold00922_9638	Ca_desig_scaffold	9638	[C/G]	NA
Ca_DesigChr_scaffold00922_38697	Ca_desig_scaffold	38697	[T/C]	NA
Ca_DesigChr_scaffold00922_82142	Ca_desig_scaffold	82142	[T/G]	NA
Ca_DesigChr_scaffold00922_82150	Ca_desig_scaffold	82150	[C/A]	NA
Ca_DesigChr_scaffold00922_82161	Ca_desig_scaffold	82161	[G/A]	NA
Ca_DesigChr_scaffold00922_82183	Ca_desig_scaffold	82183	[T/G]	NA
Ca_DesigChr_scaffold00924_85867	Ca_desig_scaffold	85867	[A/C]	NA
Ca_DesigChr_scaffold00927_10188	Ca_desig_scaffold	10188	[T/G]	NA
Ca_DesigChr_scaffold00927_10204	Ca_desig_scaffold	10204	[T/G]	NA
Ca_DesigChr_scaffold00927_10212	Ca_desig_scaffold	10212	[T/C]	NA
Ca_DesigChr_scaffold00927_10750	Ca_desig_scaffold	10750	[T/G]	NA
Ca_DesigChr_scaffold00927_10806	Ca_desig_scaffold	10806	[T/G]	NA
Ca_DesigChr_scaffold00927_10904	Ca_desig_scaffold	10904	[T/G]	NA
Ca_DesigChr_scaffold00927_10914	Ca_desig_scaffold	10914	[A/G]	NA
Ca_DesigChr_scaffold00927_10926	Ca_desig_scaffold	10926	[T/G]	NA
Ca_DesigChr_scaffold00927_10944	Ca_desig_scaffold	10944	[T/G]	NA
Ca_DesigChr_scaffold00927_10993	Ca_desig_scaffold	10993	[T/G]	NA
Ca_DesigChr_scaffold00927_10996	Ca_desig_scaffold	10996	[T/G]	NA
Ca_DesigChr_scaffold00927_10998	Ca_desig_scaffold	10998	[A/G]	NA
Ca_DesigChr_scaffold00927_11000	Ca_desig_scaffold	11000	[A/G]	NA
Ca_DesigChr_scaffold00927_11004	Ca_desig_scaffold	11004	[A/G]	NA
Ca_DesigChr_scaffold00927_11010	Ca_desig_scaffold	11010	[A/C]	NA
Ca_DesigChr_scaffold00927_11022	Ca_desig_scaffold	11022	[A/T]	NA
Ca_DesigChr_scaffold00927_11028	Ca_desig_scaffold	11028	[T/G]	NA
Ca_DesigChr_scaffold00927_11029	Ca_desig_scaffold	11029	[A/G]	NA
Ca_DesigChr_scaffold00927_11036	Ca_desig_scaffold	11036	[T/C]	NA
Ca_DesigChr_scaffold00927_11041	Ca_desig_scaffold	11041	[A/G]	NA
Ca_DesigChr_scaffold00927_11059	Ca_desig_scaffold	11059	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00927_11071	Ca_desi_scaffold	11071	[T/G]	NA
Ca_Desi_Ch_scaffold00927_11074	Ca_desi_scaffold	11074	[T/G]	NA
Ca_Desi_Ch_scaffold00927_11106	Ca_desi_scaffold	11106	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11145	Ca_desi_scaffold	11145	[A/G]	NA
Ca_Desi_Ch_scaffold00927_11152	Ca_desi_scaffold	11152	[T/G]	NA
Ca_Desi_Ch_scaffold00927_11181	Ca_desi_scaffold	11181	[A/G]	NA
Ca_Desi_Ch_scaffold00927_11187	Ca_desi_scaffold	11187	[T/A]	NA
Ca_Desi_Ch_scaffold00927_11193	Ca_desi_scaffold	11193	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11223	Ca_desi_scaffold	11223	[A/G]	NA
Ca_Desi_Ch_scaffold00927_11225	Ca_desi_scaffold	11225	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11265	Ca_desi_scaffold	11265	[T/G]	NA
Ca_Desi_Ch_scaffold00927_11305	Ca_desi_scaffold	11305	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11308	Ca_desi_scaffold	11308	[T/G]	NA
Ca_Desi_Ch_scaffold00927_11351	Ca_desi_scaffold	11351	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11353	Ca_desi_scaffold	11353	[A/G]	NA
Ca_Desi_Ch_scaffold00927_11377	Ca_desi_scaffold	11377	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11382	Ca_desi_scaffold	11382	[A/G]	NA
Ca_Desi_Ch_scaffold00927_11384	Ca_desi_scaffold	11384	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11389	Ca_desi_scaffold	11389	[T/G]	NA
Ca_Desi_Ch_scaffold00927_11392	Ca_desi_scaffold	11392	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11394	Ca_desi_scaffold	11394	[A/G]	NA
Ca_Desi_Ch_scaffold00927_11416	Ca_desi_scaffold	11416	[A/G]	NA
Ca_Desi_Ch_scaffold00927_11418	Ca_desi_scaffold	11418	[A/C]	NA
Ca_Desi_Ch_scaffold00927_11435	Ca_desi_scaffold	11435	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11446	Ca_desi_scaffold	11446	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11468	Ca_desi_scaffold	11468	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11473	Ca_desi_scaffold	11473	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11478	Ca_desi_scaffold	11478	[A/G]	NA
Ca_Desi_Ch_scaffold00927_11502	Ca_desi_scaffold	11502	[A/C]	NA
Ca_Desi_Ch_scaffold00927_11513	Ca_desi_scaffold	11513	[A/C]	NA
Ca_Desi_Ch_scaffold00927_11529	Ca_desi_scaffold	11529	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11552	Ca_desi_scaffold	11552	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11557	Ca_desi_scaffold	11557	[T/C]	NA
Ca_Desi_Ch_scaffold00927_11566	Ca_desi_scaffold	11566	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00927_11571	Ca_desig_scaffold	11571	[A/C]	NA
Ca_Desig_Chr_scaffold00927_11586	Ca_desig_scaffold	11586	[A/G]	NA
Ca_Desig_Chr_scaffold00927_11596	Ca_desig_scaffold	11596	[A/G]	NA
Ca_Desig_Chr_scaffold00927_11628	Ca_desig_scaffold	11628	[T/C]	NA
Ca_Desig_Chr_scaffold00927_11631	Ca_desig_scaffold	11631	[T/G]	NA
Ca_Desig_Chr_scaffold00927_11636	Ca_desig_scaffold	11636	[A/G]	NA
Ca_Desig_Chr_scaffold00927_11643	Ca_desig_scaffold	11643	[T/A]	NA
Ca_Desig_Chr_scaffold00927_11663	Ca_desig_scaffold	11663	[T/C]	NA
Ca_Desig_Chr_scaffold00927_11666	Ca_desig_scaffold	11666	[T/G]	NA
Ca_Desig_Chr_scaffold00927_11679	Ca_desig_scaffold	11679	[A/G]	NA
Ca_Desig_Chr_scaffold00927_11703	Ca_desig_scaffold	11703	[T/C]	NA
Ca_Desig_Chr_scaffold00927_11708	Ca_desig_scaffold	11708	[A/G]	NA
Ca_Desig_Chr_scaffold00927_11710	Ca_desig_scaffold	11710	[T/C]	NA
Ca_Desig_Chr_scaffold00927_11730	Ca_desig_scaffold	11730	[A/C]	NA
Ca_Desig_Chr_scaffold00927_11754	Ca_desig_scaffold	11754	[A/G]	NA
Ca_Desig_Chr_scaffold00927_11794	Ca_desig_scaffold	11794	[T/C]	NA
Ca_Desig_Chr_scaffold00927_11814	Ca_desig_scaffold	11814	[A/C]	NA
Ca_Desig_Chr_scaffold00927_11834	Ca_desig_scaffold	11834	[T/G]	NA
Ca_Desig_Chr_scaffold00927_11861	Ca_desig_scaffold	11861	[T/C]	NA
Ca_Desig_Chr_scaffold00927_11864	Ca_desig_scaffold	11864	[A/G]	NA
Ca_Desig_Chr_scaffold00927_11866	Ca_desig_scaffold	11866	[T/C]	NA
Ca_Desig_Chr_scaffold00927_11871	Ca_desig_scaffold	11871	[T/G]	NA
Ca_Desig_Chr_scaffold00927_11874	Ca_desig_scaffold	11874	[T/G]	NA
Ca_Desig_Chr_scaffold00927_11876	Ca_desig_scaffold	11876	[A/G]	NA
Ca_Desig_Chr_scaffold00927_11882	Ca_desig_scaffold	11882	[A/G]	NA
Ca_Desig_Chr_scaffold00927_11899	Ca_desig_scaffold	11899	[A/C]	NA
Ca_Desig_Chr_scaffold00927_11949	Ca_desig_scaffold	11949	[T/C]	NA
Ca_Desig_Chr_scaffold00927_11989	Ca_desig_scaffold	11989	[T/G]	NA
Ca_Desig_Chr_scaffold00927_12019	Ca_desig_scaffold	12019	[A/G]	NA
Ca_Desig_Chr_scaffold00927_12029	Ca_desig_scaffold	12029	[T/G]	NA
Ca_Desig_Chr_scaffold00927_12055	Ca_desig_scaffold	12055	[A/G]	NA
Ca_Desig_Chr_scaffold00927_12058	Ca_desig_scaffold	12058	[T/C]	NA
Ca_Desig_Chr_scaffold00927_12061	Ca_desig_scaffold	12061	[T/A]	NA
Ca_Desig_Chr_scaffold00927_12399	Ca_desig_scaffold	12399	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00927_12439	Ca_desi_scaffold	12439	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12470	Ca_desi_scaffold	12470	[T/C]	NA
Ca_Desi_Ch_scaffold00927_12485	Ca_desi_scaffold	12485	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12489	Ca_desi_scaffold	12489	[A/G]	NA
Ca_Desi_Ch_scaffold00927_12494	Ca_desi_scaffold	12494	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12495	Ca_desi_scaffold	12495	[A/G]	NA
Ca_Desi_Ch_scaffold00927_12511	Ca_desi_scaffold	12511	[A/C]	NA
Ca_Desi_Ch_scaffold00927_12517	Ca_desi_scaffold	12517	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12522	Ca_desi_scaffold	12522	[A/G]	NA
Ca_Desi_Ch_scaffold00927_12530	Ca_desi_scaffold	12530	[A/G]	NA
Ca_Desi_Ch_scaffold00927_12561	Ca_desi_scaffold	12561	[T/C]	NA
Ca_Desi_Ch_scaffold00927_12569	Ca_desi_scaffold	12569	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12595	Ca_desi_scaffold	12595	[A/C]	NA
Ca_Desi_Ch_scaffold00927_12601	Ca_desi_scaffold	12601	[T/C]	NA
Ca_Desi_Ch_scaffold00927_12650	Ca_desi_scaffold	12650	[T/C]	NA
Ca_Desi_Ch_scaffold00927_12657	Ca_desi_scaffold	12657	[A/G]	NA
Ca_Desi_Ch_scaffold00927_12673	Ca_desi_scaffold	12673	[A/C]	NA
Ca_Desi_Ch_scaffold00927_12679	Ca_desi_scaffold	12679	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12684	Ca_desi_scaffold	12684	[A/C]	NA
Ca_Desi_Ch_scaffold00927_12719	Ca_desi_scaffold	12719	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12729	Ca_desi_scaffold	12729	[A/G]	NA
Ca_Desi_Ch_scaffold00927_12732	Ca_desi_scaffold	12732	[A/G]	NA
Ca_Desi_Ch_scaffold00927_12748	Ca_desi_scaffold	12748	[A/C]	NA
Ca_Desi_Ch_scaffold00927_12754	Ca_desi_scaffold	12754	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12806	Ca_desi_scaffold	12806	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12809	Ca_desi_scaffold	12809	[A/C]	NA
Ca_Desi_Ch_scaffold00927_12823	Ca_desi_scaffold	12823	[A/C]	NA
Ca_Desi_Ch_scaffold00927_12829	Ca_desi_scaffold	12829	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12842	Ca_desi_scaffold	12842	[A/T]	NA
Ca_Desi_Ch_scaffold00927_12864	Ca_desi_scaffold	12864	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12872	Ca_desi_scaffold	12872	[T/C]	NA
Ca_Desi_Ch_scaffold00927_12898	Ca_desi_scaffold	12898	[A/C]	NA
Ca_Desi_Ch_scaffold00927_12904	Ca_desi_scaffold	12904	[T/G]	NA
Ca_Desi_Ch_scaffold00927_12917	Ca_desi_scaffold	12917	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00927_12930	Ca_desi_scaffold	12930	[A/G]	NA
Ca_Desi_Ch_scaffold00928_67124	Ca_desi_scaffold	67124	[T/C]	NA
Ca_Desi_Ch_scaffold00928_67162	Ca_desi_scaffold	67162	[T/G]	NA
Ca_Desi_Ch_scaffold00928_67201	Ca_desi_scaffold	67201	[A/C]	NA
Ca_Desi_Ch_scaffold00928_81701	Ca_desi_scaffold	81701	[A/C]	NA
Ca_Desi_Ch_scaffold00928_81714	Ca_desi_scaffold	81714	[A/C]	NA
Ca_Desi_Ch_scaffold00928_81715	Ca_desi_scaffold	81715	[C/A]	NA
Ca_Desi_Ch_scaffold00928_81716	Ca_desi_scaffold	81716	[C/G]	NA
Ca_Desi_Ch_scaffold00928_81717	Ca_desi_scaffold	81717	[G/A]	NA
Ca_Desi_Ch_scaffold00930_27033	Ca_desi_scaffold	27033	[C/T]	NA
Ca_Desi_Ch_scaffold00930_27048	Ca_desi_scaffold	27048	[T/C]	NA
Ca_Desi_Ch_scaffold00930_27063	Ca_desi_scaffold	27063	[A/T]	NA
Ca_Desi_Ch_scaffold00930_27089	Ca_desi_scaffold	27089	[T/C]	NA
Ca_Desi_Ch_scaffold00930_27177	Ca_desi_scaffold	27177	[A/C]	NA
Ca_Desi_Ch_scaffold00930_28287	Ca_desi_scaffold	28287	[A/C]	NA
Ca_Desi_Ch_scaffold00930_28402	Ca_desi_scaffold	28402	[G/A]	NA
Ca_Desi_Ch_scaffold00930_28426	Ca_desi_scaffold	28426	[T/A]	NA
Ca_Desi_Ch_scaffold00930_28524	Ca_desi_scaffold	28524	[C/T]	NA
Ca_Desi_Ch_scaffold00930_85348	Ca_desi_scaffold	85348	[T/C]	NA
Ca_Desi_Ch_scaffold00930_87097	Ca_desi_scaffold	87097	[A/G]	NA
Ca_Desi_Ch_scaffold00930_87259	Ca_desi_scaffold	87259	[A/C]	NA
Ca_Desi_Ch_scaffold00930_90238	Ca_desi_scaffold	90238	[G/T]	NA
Ca_Desi_Ch_scaffold00930_91560	Ca_desi_scaffold	91560	[G/A]	NA
Ca_Desi_Ch_scaffold00933_75161	Ca_desi_scaffold	75161	[A/C]	NA
Ca_Desi_Ch_scaffold00935_16869	Ca_desi_scaffold	16869	[A/G]	NA
Ca_Desi_Ch_scaffold00935_16901	Ca_desi_scaffold	16901	[A/C]	NA
Ca_Desi_Ch_scaffold00935_34654	Ca_desi_scaffold	34654	[C/T]	NA
Ca_Desi_Ch_scaffold00938_55404	Ca_desi_scaffold	55404	[T/C]	NA
Ca_Desi_Ch_scaffold00938_55425	Ca_desi_scaffold	55425	[T/G]	NA
Ca_Desi_Ch_scaffold00938_55447	Ca_desi_scaffold	55447	[A/C]	NA
Ca_Desi_Ch_scaffold00938_55456	Ca_desi_scaffold	55456	[A/C]	NA
Ca_Desi_Ch_scaffold00938_57490	Ca_desi_scaffold	57490	[A/C]	NA
Ca_Desi_Ch_scaffold00940_4561	Ca_desi_scaffold	4561	[A/T]	NA
Ca_Desi_Ch_scaffold00940_4587	Ca_desi_scaffold	4587	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00940_4590	Ca_desi_scaffold	4590	[G/C]	NA
Ca_Desi_Ch_scaffold00940_4875	Ca_desi_scaffold	4875	[A/C]	NA
Ca_Desi_Ch_scaffold00940_7087	Ca_desi_scaffold	7087	[G/T]	NA
Ca_Desi_Ch_scaffold00940_7189	Ca_desi_scaffold	7189	[T/G]	NA
Ca_Desi_Ch_scaffold00940_7190	Ca_desi_scaffold	7190	[G/C]	NA
Ca_Desi_Ch_scaffold00940_7400	Ca_desi_scaffold	7400	[C/T]	NA
Ca_Desi_Ch_scaffold00940_7449	Ca_desi_scaffold	7449	[T/C]	NA
Ca_Desi_Ch_scaffold00940_13611	Ca_desi_scaffold	13611	[A/G]	NA
Ca_Desi_Ch_scaffold00940_13631	Ca_desi_scaffold	13631	[A/G]	NA
Ca_Desi_Ch_scaffold00940_27811	Ca_desi_scaffold	27811	[A/C]	NA
Ca_Desi_Ch_scaffold00940_27814	Ca_desi_scaffold	27814	[A/C]	NA
Ca_Desi_Ch_scaffold00940_27819	Ca_desi_scaffold	27819	[A/C]	NA
Ca_Desi_Ch_scaffold00940_27871	Ca_desi_scaffold	27871	[A/C]	NA
Ca_Desi_Ch_scaffold00940_27874	Ca_desi_scaffold	27874	[A/C]	NA
Ca_Desi_Ch_scaffold00940_27880	Ca_desi_scaffold	27880	[G/A]	NA
Ca_Desi_Ch_scaffold00940_27886	Ca_desi_scaffold	27886	[A/C]	NA
Ca_Desi_Ch_scaffold00940_27892	Ca_desi_scaffold	27892	[C/T]	NA
Ca_Desi_Ch_scaffold00940_27901	Ca_desi_scaffold	27901	[A/C]	NA
Ca_Desi_Ch_scaffold00940_33957	Ca_desi_scaffold	33957	[A/C]	NA
Ca_Desi_Ch_scaffold00940_34284	Ca_desi_scaffold	34284	[C/T]	NA
Ca_Desi_Ch_scaffold00940_47087	Ca_desi_scaffold	47087	[A/G]	NA
Ca_Desi_Ch_scaffold00940_47090	Ca_desi_scaffold	47090	[T/G]	NA
Ca_Desi_Ch_scaffold00941_24055	Ca_desi_scaffold	24055	[T/G]	NA
Ca_Desi_Ch_scaffold00942_89444	Ca_desi_scaffold	89444	[T/C]	NA
Ca_Desi_Ch_scaffold00942_89479	Ca_desi_scaffold	89479	[T/C]	NA
Ca_Desi_Ch_scaffold00943_35567	Ca_desi_scaffold	35567	[A/G]	NA
Ca_Desi_Ch_scaffold00943_35574	Ca_desi_scaffold	35574	[A/G]	NA
Ca_Desi_Ch_scaffold00943_35577	Ca_desi_scaffold	35577	[A/C]	NA
Ca_Desi_Ch_scaffold00943_42106	Ca_desi_scaffold	42106	[A/G]	NA
Ca_Desi_Ch_scaffold00943_42118	Ca_desi_scaffold	42118	[T/C]	NA
Ca_Desi_Ch_scaffold00943_42122	Ca_desi_scaffold	42122	[T/C]	NA
Ca_Desi_Ch_scaffold00943_42128	Ca_desi_scaffold	42128	[A/G]	NA
Ca_Desi_Ch_scaffold00943_43465	Ca_desi_scaffold	43465	[A/C]	NA
Ca_Desi_Ch_scaffold00943_43471	Ca_desi_scaffold	43471	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00943_43487	Ca_desig_scaffold	43487	[T/C]	NA
Ca_Desig_Chr_scaffold00943_43492	Ca_desig_scaffold	43492	[T/C]	NA
Ca_Desig_Chr_scaffold00943_43495	Ca_desig_scaffold	43495	[T/A]	NA
Ca_Desig_Chr_scaffold00943_43505	Ca_desig_scaffold	43505	[T/G]	NA
Ca_Desig_Chr_scaffold00943_43515	Ca_desig_scaffold	43515	[A/G]	NA
Ca_Desig_Chr_scaffold00943_93905	Ca_desig_scaffold	93905	[T/G]	NA
Ca_Desig_Chr_scaffold00943_97453	Ca_desig_scaffold	97453	[A/G]	NA
Ca_Desig_Chr_scaffold00943_97475	Ca_desig_scaffold	97475	[T/C]	NA
Ca_Desig_Chr_scaffold00943_97483	Ca_desig_scaffold	97483	[A/G]	NA
Ca_Desig_Chr_scaffold00943_101445	Ca_desig_scaffold	101445	[T/G]	NA
Ca_Desig_Chr_scaffold00946_20004	Ca_desig_scaffold	20004	[A/T]	NA
Ca_Desig_Chr_scaffold00946_20014	Ca_desig_scaffold	20014	[A/C]	NA
Ca_Desig_Chr_scaffold00946_20022	Ca_desig_scaffold	20022	[A/C]	NA
Ca_Desig_Chr_scaffold00946_20037	Ca_desig_scaffold	20037	[T/G]	NA
Ca_Desig_Chr_scaffold00946_33796	Ca_desig_scaffold	33796	[T/C]	NA
Ca_Desig_Chr_scaffold00946_44808	Ca_desig_scaffold	44808	[T/C]	NA
Ca_Desig_Chr_scaffold00946_44826	Ca_desig_scaffold	44826	[A/G]	NA
Ca_Desig_Chr_scaffold00946_44902	Ca_desig_scaffold	44902	[A/T]	NA
Ca_Desig_Chr_scaffold00946_44903	Ca_desig_scaffold	44903	[A/T]	NA
Ca_Desig_Chr_scaffold00946_44905	Ca_desig_scaffold	44905	[A/T]	NA
Ca_Desig_Chr_scaffold00946_44920	Ca_desig_scaffold	44920	[A/C]	NA
Ca_Desig_Chr_scaffold00946_47653	Ca_desig_scaffold	47653	[T/G]	NA
Ca_Desig_Chr_scaffold00952_69629	Ca_desig_scaffold	69629	[T/A]	NA
Ca_Desig_Chr_scaffold00952_69633	Ca_desig_scaffold	69633	[T/G]	NA
Ca_Desig_Chr_scaffold00952_69655	Ca_desig_scaffold	69655	[A/C]	NA
Ca_Desig_Chr_scaffold00952_69679	Ca_desig_scaffold	69679	[G/A]	NA
Ca_Desig_Chr_scaffold00953_6356	Ca_desig_scaffold	6356	[T/C]	NA
Ca_Desig_Chr_scaffold00953_7977	Ca_desig_scaffold	7977	[T/A]	NA
Ca_Desig_Chr_scaffold00953_7985	Ca_desig_scaffold	7985	[T/C]	NA
Ca_Desig_Chr_scaffold00953_10408	Ca_desig_scaffold	10408	[T/C]	NA
Ca_Desig_Chr_scaffold00953_10471	Ca_desig_scaffold	10471	[A/G]	NA
Ca_Desig_Chr_scaffold00953_10479	Ca_desig_scaffold	10479	[A/G]	NA
Ca_Desig_Chr_scaffold00953_13590	Ca_desig_scaffold	13590	[T/C]	NA
Ca_Desig_Chr_scaffold00953_13608	Ca_desig_scaffold	13608	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00953_13610	Ca_desi_scaffold	13610	[T/G]	NA
Ca_Desi_Ch_scaffold00953_13614	Ca_desi_scaffold	13614	[G/C]	NA
Ca_Desi_Ch_scaffold00953_13615	Ca_desi_scaffold	13615	[C/A]	NA
Ca_Desi_Ch_scaffold00953_61034	Ca_desi_scaffold	61034	[T/G]	NA
Ca_Desi_Ch_scaffold00953_75412	Ca_desi_scaffold	75412	[A/C]	NA
Ca_Desi_Ch_scaffold00953_75460	Ca_desi_scaffold	75460	[A/G]	NA
Ca_Desi_Ch_scaffold00954_87737	Ca_desi_scaffold	87737	[C/G]	NA
Ca_Desi_Ch_scaffold00954_88599	Ca_desi_scaffold	88599	[A/G]	NA
Ca_Desi_Ch_scaffold00954_88609	Ca_desi_scaffold	88609	[T/A]	NA
Ca_Desi_Ch_scaffold00954_88626	Ca_desi_scaffold	88626	[T/C]	NA
Ca_Desi_Ch_scaffold00955_5427	Ca_desi_scaffold	5427	[A/G]	NA
Ca_Desi_Ch_scaffold00955_32937	Ca_desi_scaffold	32937	[G/A]	NA
Ca_Desi_Ch_scaffold00955_62227	Ca_desi_scaffold	62227	[C/T]	NA
Ca_Desi_Ch_scaffold00955_62353	Ca_desi_scaffold	62353	[C/G]	NA
Ca_Desi_Ch_scaffold00955_64098	Ca_desi_scaffold	64098	[C/T]	NA
Ca_Desi_Ch_scaffold00955_64255	Ca_desi_scaffold	64255	[T/C]	NA
Ca_Desi_Ch_scaffold00955_64438	Ca_desi_scaffold	64438	[T/C]	NA
Ca_Desi_Ch_scaffold00955_64912	Ca_desi_scaffold	64912	[C/T]	NA
Ca_Desi_Ch_scaffold00955_66125	Ca_desi_scaffold	66125	[A/G]	NA
Ca_Desi_Ch_scaffold00955_66131	Ca_desi_scaffold	66131	[A/G]	NA
Ca_Desi_Ch_scaffold00955_66137	Ca_desi_scaffold	66137	[A/C]	NA
Ca_Desi_Ch_scaffold00955_66163	Ca_desi_scaffold	66163	[A/G]	NA
Ca_Desi_Ch_scaffold00955_66166	Ca_desi_scaffold	66166	[G/C]	NA
Ca_Desi_Ch_scaffold00955_66168	Ca_desi_scaffold	66168	[T/C]	NA
Ca_Desi_Ch_scaffold00955_66176	Ca_desi_scaffold	66176	[A/G]	NA
Ca_Desi_Ch_scaffold00955_66187	Ca_desi_scaffold	66187	[T/C]	NA
Ca_Desi_Ch_scaffold00955_75899	Ca_desi_scaffold	75899	[T/A]	NA
Ca_Desi_Ch_scaffold00955_87584	Ca_desi_scaffold	87584	[A/C]	NA
Ca_Desi_Ch_scaffold00961_105	Ca_desi_scaffold	105	[G/A]	NA
Ca_Desi_Ch_scaffold00961_137	Ca_desi_scaffold	137	[C/A]	NA
Ca_Desi_Ch_scaffold00961_151	Ca_desi_scaffold	151	[C/T]	NA
Ca_Desi_Ch_scaffold00961_161	Ca_desi_scaffold	161	[C/T]	NA
Ca_Desi_Ch_scaffold00961_56154	Ca_desi_scaffold	56154	[T/G]	NA
Ca_Desi_Ch_scaffold00964_39641	Ca_desi_scaffold	39641	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold00964_39662	Ca_desi_scaffold	39662	[T/G]	NA
Ca_Desi_Ch_scaffold00965_35533	Ca_desi_scaffold	35533	[A/C]	NA
Ca_Desi_Ch_scaffold00965_35599	Ca_desi_scaffold	35599	[T/G]	NA
Ca_Desi_Ch_scaffold00966_21519	Ca_desi_scaffold	21519	[A/C]	NA
Ca_Desi_Ch_scaffold00966_21523	Ca_desi_scaffold	21523	[A/C]	NA
Ca_Desi_Ch_scaffold00966_21946	Ca_desi_scaffold	21946	[T/C]	NA
Ca_Desi_Ch_scaffold00966_21976	Ca_desi_scaffold	21976	[T/A]	NA
Ca_Desi_Ch_scaffold00966_22000	Ca_desi_scaffold	22000	[A/G]	NA
Ca_Desi_Ch_scaffold00966_22004	Ca_desi_scaffold	22004	[A/G]	NA
Ca_Desi_Ch_scaffold00966_22014	Ca_desi_scaffold	22014	[A/G]	NA
Ca_Desi_Ch_scaffold00966_22016	Ca_desi_scaffold	22016	[T/C]	NA
Ca_Desi_Ch_scaffold00966_27250	Ca_desi_scaffold	27250	[G/A]	NA
Ca_Desi_Ch_scaffold00968_37706	Ca_desi_scaffold	37706	[G/T]	NA
Ca_Desi_Ch_scaffold00971_16219	Ca_desi_scaffold	16219	[A/G]	NA
Ca_Desi_Ch_scaffold00971_33011	Ca_desi_scaffold	33011	[A/C]	NA
Ca_Desi_Ch_scaffold00971_79252	Ca_desi_scaffold	79252	[A/G]	NA
Ca_Desi_Ch_scaffold00971_79262	Ca_desi_scaffold	79262	[T/C]	NA
Ca_Desi_Ch_scaffold00972_42170	Ca_desi_scaffold	42170	[T/C]	NA
Ca_Desi_Ch_scaffold00972_42188	Ca_desi_scaffold	42188	[A/G]	NA
Ca_Desi_Ch_scaffold00972_42196	Ca_desi_scaffold	42196	[T/C]	NA
Ca_Desi_Ch_scaffold00972_42208	Ca_desi_scaffold	42208	[A/G]	NA
Ca_Desi_Ch_scaffold00972_42248	Ca_desi_scaffold	42248	[A/G]	NA
Ca_Desi_Ch_scaffold00978_29258	Ca_desi_scaffold	29258	[A/G]	NA
Ca_Desi_Ch_scaffold00978_75248	Ca_desi_scaffold	75248	[T/G]	NA
Ca_Desi_Ch_scaffold00978_75250	Ca_desi_scaffold	75250	[A/G]	NA
Ca_Desi_Ch_scaffold00979_27531	Ca_desi_scaffold	27531	[G/T]	NA
Ca_Desi_Ch_scaffold00979_29943	Ca_desi_scaffold	29943	[T/G]	NA
Ca_Desi_Ch_scaffold00979_29959	Ca_desi_scaffold	29959	[T/G]	NA
Ca_Desi_Ch_scaffold00979_29962	Ca_desi_scaffold	29962	[T/A]	NA
Ca_Desi_Ch_scaffold00979_58156	Ca_desi_scaffold	58156	[T/C]	NA
Ca_Desi_Ch_scaffold00979_59308	Ca_desi_scaffold	59308	[T/G]	NA
Ca_Desi_Ch_scaffold00981_80500	Ca_desi_scaffold	80500	[A/C]	NA
Ca_Desi_Ch_scaffold00981_80518	Ca_desi_scaffold	80518	[A/C]	NA
Ca_Desi_Ch_scaffold00981_80523	Ca_desi_scaffold	80523	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold00981_80570	Ca_desig_scaffold	80570	[A/C]	NA
Ca_Desig_Chr_scaffold00981_80639	Ca_desig_scaffold	80639	[A/C]	NA
Ca_Desig_Chr_scaffold00983_38962	Ca_desig_scaffold	38962	[T/G]	NA
Ca_Desig_Chr_scaffold00983_38982	Ca_desig_scaffold	38982	[T/C]	NA
Ca_Desig_Chr_scaffold00985_16803	Ca_desig_scaffold	16803	[A/G]	NA
Ca_Desig_Chr_scaffold00988_76063	Ca_desig_scaffold	76063	[T/C]	NA
Ca_Desig_Chr_scaffold00988_79192	Ca_desig_scaffold	79192	[T/G]	NA
Ca_Desig_Chr_scaffold00988_82381	Ca_desig_scaffold	82381	[T/G]	NA
Ca_Desig_Chr_scaffold00988_82465	Ca_desig_scaffold	82465	[T/C]	NA
Ca_Desig_Chr_scaffold00988_82466	Ca_desig_scaffold	82466	[G/T]	NA
Ca_Desig_Chr_scaffold00988_90936	Ca_desig_scaffold	90936	[A/C]	NA
Ca_Desig_Chr_scaffold00989_41083	Ca_desig_scaffold	41083	[T/A]	NA
Ca_Desig_Chr_scaffold00989_41086	Ca_desig_scaffold	41086	[A/C]	NA
Ca_Desig_Chr_scaffold00989_41109	Ca_desig_scaffold	41109	[A/G]	NA
Ca_Desig_Chr_scaffold00989_86313	Ca_desig_scaffold	86313	[A/T]	NA
Ca_Desig_Chr_scaffold00997_4028	Ca_desig_scaffold	4028	[A/T]	NA
Ca_Desig_Chr_scaffold00997_42541	Ca_desig_scaffold	42541	[T/C]	NA
Ca_Desig_Chr_scaffold00997_42559	Ca_desig_scaffold	42559	[T/C]	NA
Ca_Desig_Chr_scaffold00997_42568	Ca_desig_scaffold	42568	[A/G]	NA
Ca_Desig_Chr_scaffold01006_42734	Ca_desig_scaffold	42734	[C/G]	NA
Ca_Desig_Chr_scaffold01006_42759	Ca_desig_scaffold	42759	[T/C]	NA
Ca_Desig_Chr_scaffold01006_43051	Ca_desig_scaffold	43051	[T/G]	NA
Ca_Desig_Chr_scaffold01007_90164	Ca_desig_scaffold	90164	[C/A]	NA
Ca_Desig_Chr_scaffold01007_90252	Ca_desig_scaffold	90252	[A/G]	NA
Ca_Desig_Chr_scaffold01007_90259	Ca_desig_scaffold	90259	[C/A]	NA
Ca_Desig_Chr_scaffold01007_90277	Ca_desig_scaffold	90277	[C/T]	NA
Ca_Desig_Chr_scaffold01007_90278	Ca_desig_scaffold	90278	[A/G]	NA
Ca_Desig_Chr_scaffold01009_27225	Ca_desig_scaffold	27225	[T/A]	NA
Ca_Desig_Chr_scaffold01009_27226	Ca_desig_scaffold	27226	[T/A]	NA
Ca_Desig_Chr_scaffold01009_27227	Ca_desig_scaffold	27227	[A/C]	NA
Ca_Desig_Chr_scaffold01009_27312	Ca_desig_scaffold	27312	[A/T]	NA
Ca_Desig_Chr_scaffold01009_27322	Ca_desig_scaffold	27322	[A/G]	NA
Ca_Desig_Chr_scaffold01009_27333	Ca_desig_scaffold	27333	[T/C]	NA
Ca_Desig_Chr_scaffold01009_27345	Ca_desig_scaffold	27345	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01009_27349	Ca_desi_scaffold	27349	[T/C]	NA
Ca_Desi_Ch_scaffold01009_27354	Ca_desi_scaffold	27354	[T/C]	NA
Ca_Desi_Ch_scaffold01009_27356	Ca_desi_scaffold	27356	[A/G]	NA
Ca_Desi_Ch_scaffold01009_33563	Ca_desi_scaffold	33563	[C/A]	NA
Ca_Desi_Ch_scaffold01009_33564	Ca_desi_scaffold	33564	[A/T]	NA
Ca_Desi_Ch_scaffold01009_33565	Ca_desi_scaffold	33565	[A/C]	NA
Ca_Desi_Ch_scaffold01009_33566	Ca_desi_scaffold	33566	[G/T]	NA
Ca_Desi_Ch_scaffold01010_61944	Ca_desi_scaffold	61944	[T/C]	NA
Ca_Desi_Ch_scaffold01010_61946	Ca_desi_scaffold	61946	[C/G]	NA
Ca_Desi_Ch_scaffold01010_61949	Ca_desi_scaffold	61949	[T/C]	NA
Ca_Desi_Ch_scaffold01010_61955	Ca_desi_scaffold	61955	[T/C]	NA
Ca_Desi_Ch_scaffold01010_61959	Ca_desi_scaffold	61959	[T/C]	NA
Ca_Desi_Ch_scaffold01010_61968	Ca_desi_scaffold	61968	[T/G]	NA
Ca_Desi_Ch_scaffold01010_61971	Ca_desi_scaffold	61971	[T/C]	NA
Ca_Desi_Ch_scaffold01010_62666	Ca_desi_scaffold	62666	[T/G]	NA
Ca_Desi_Ch_scaffold01010_68716	Ca_desi_scaffold	68716	[A/C]	NA
Ca_Desi_Ch_scaffold01010_68717	Ca_desi_scaffold	68717	[G/T]	NA
Ca_Desi_Ch_scaffold01010_68830	Ca_desi_scaffold	68830	[T/A]	NA
Ca_Desi_Ch_scaffold01010_92688	Ca_desi_scaffold	92688	[A/G]	NA
Ca_Desi_Ch_scaffold01010_92690	Ca_desi_scaffold	92690	[T/G]	NA
Ca_Desi_Ch_scaffold01013_88641	Ca_desi_scaffold	88641	[T/G]	NA
Ca_Desi_Ch_scaffold01013_88647	Ca_desi_scaffold	88647	[T/C]	NA
Ca_Desi_Ch_scaffold01013_88655	Ca_desi_scaffold	88655	[T/C]	NA
Ca_Desi_Ch_scaffold01013_88666	Ca_desi_scaffold	88666	[T/C]	NA
Ca_Desi_Ch_scaffold01013_89864	Ca_desi_scaffold	89864	[G/A]	NA
Ca_Desi_Ch_scaffold01013_89870	Ca_desi_scaffold	89870	[T/G]	NA
Ca_Desi_Ch_scaffold01013_89889	Ca_desi_scaffold	89889	[G/T]	NA
Ca_Desi_Ch_scaffold01013_89894	Ca_desi_scaffold	89894	[A/T]	NA
Ca_Desi_Ch_scaffold01015_22843	Ca_desi_scaffold	22843	[A/G]	NA
Ca_Desi_Ch_scaffold01015_22861	Ca_desi_scaffold	22861	[T/A]	NA
Ca_Desi_Ch_scaffold01015_22864	Ca_desi_scaffold	22864	[T/C]	NA
Ca_Desi_Ch_scaffold01015_31831	Ca_desi_scaffold	31831	[T/G]	NA
Ca_Desi_Ch_scaffold01015_31843	Ca_desi_scaffold	31843	[T/G]	NA
Ca_Desi_Ch_scaffold01015_31875	Ca_desi_scaffold	31875	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01016_16446	Ca_desi_scaffold	16446	[T/C]	NA
Ca_Desi_Ch_scaffold01016_16447	Ca_desi_scaffold	16447	[A/T]	NA
Ca_Desi_Ch_scaffold01016_16479	Ca_desi_scaffold	16479	[T/A]	NA
Ca_Desi_Ch_scaffold01016_37030	Ca_desi_scaffold	37030	[A/T]	NA
Ca_Desi_Ch_scaffold01016_75205	Ca_desi_scaffold	75205	[T/C]	NA
Ca_Desi_Ch_scaffold01016_93642	Ca_desi_scaffold	93642	[A/C]	NA
Ca_Desi_Ch_scaffold01024_79231	Ca_desi_scaffold	79231	[T/G]	NA
Ca_Desi_Ch_scaffold01024_79239	Ca_desi_scaffold	79239	[A/T]	NA
Ca_Desi_Ch_scaffold01024_83029	Ca_desi_scaffold	83029	[A/G]	NA
Ca_Desi_Ch_scaffold01024_83030	Ca_desi_scaffold	83030	[A/G]	NA
Ca_Desi_Ch_scaffold01024_83032	Ca_desi_scaffold	83032	[A/C]	NA
Ca_Desi_Ch_scaffold01024_83036	Ca_desi_scaffold	83036	[T/C]	NA
Ca_Desi_Ch_scaffold01024_83041	Ca_desi_scaffold	83041	[T/C]	NA
Ca_Desi_Ch_scaffold01024_83043	Ca_desi_scaffold	83043	[T/C]	NA
Ca_Desi_Ch_scaffold01024_83052	Ca_desi_scaffold	83052	[T/C]	NA
Ca_Desi_Ch_scaffold01024_83055	Ca_desi_scaffold	83055	[A/C]	NA
Ca_Desi_Ch_scaffold01024_83061	Ca_desi_scaffold	83061	[A/G]	NA
Ca_Desi_Ch_scaffold01024_83072	Ca_desi_scaffold	83072	[A/G]	NA
Ca_Desi_Ch_scaffold01024_83076	Ca_desi_scaffold	83076	[T/C]	NA
Ca_Desi_Ch_scaffold01024_83082	Ca_desi_scaffold	83082	[T/C]	NA
Ca_Desi_Ch_scaffold01024_86249	Ca_desi_scaffold	86249	[A/T]	NA
Ca_Desi_Ch_scaffold01025_30026	Ca_desi_scaffold	30026	[T/C]	NA
Ca_Desi_Ch_scaffold01029_32655	Ca_desi_scaffold	32655	[T/G]	NA
Ca_Desi_Ch_scaffold01031_25405	Ca_desi_scaffold	25405	[T/A]	NA
Ca_Desi_Ch_scaffold01031_35195	Ca_desi_scaffold	35195	[T/C]	NA
Ca_Desi_Ch_scaffold01031_35202	Ca_desi_scaffold	35202	[A/G]	NA
Ca_Desi_Ch_scaffold01031_35212	Ca_desi_scaffold	35212	[A/G]	NA
Ca_Desi_Ch_scaffold01031_35231	Ca_desi_scaffold	35231	[T/A]	NA
Ca_Desi_Ch_scaffold01033_9668	Ca_desi_scaffold	9668	[T/G]	NA
Ca_Desi_Ch_scaffold01033_10631	Ca_desi_scaffold	10631	[A/C]	NA
Ca_Desi_Ch_scaffold01033_10658	Ca_desi_scaffold	10658	[A/T]	NA
Ca_Desi_Ch_scaffold01033_10667	Ca_desi_scaffold	10667	[C/T]	NA
Ca_Desi_Ch_scaffold01034_25733	Ca_desi_scaffold	25733	[A/C]	NA
Ca_Desi_Ch_scaffold01034_25738	Ca_desi_scaffold	25738	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01034_25742	Ca_desig_scaffold	25742	[T/C]	NA
Ca_Desig_Chr_scaffold01034_25755	Ca_desig_scaffold	25755	[T/C]	NA
Ca_Desig_Chr_scaffold01034_25761	Ca_desig_scaffold	25761	[T/C]	NA
Ca_Desig_Chr_scaffold01034_25764	Ca_desig_scaffold	25764	[T/G]	NA
Ca_Desig_Chr_scaffold01034_25781	Ca_desig_scaffold	25781	[A/T]	NA
Ca_Desig_Chr_scaffold01036_62685	Ca_desig_scaffold	62685	[A/C]	NA
Ca_Desig_Chr_scaffold01036_63469	Ca_desig_scaffold	63469	[A/G]	NA
Ca_Desig_Chr_scaffold01036_63470	Ca_desig_scaffold	63470	[T/G]	NA
Ca_Desig_Chr_scaffold01036_63482	Ca_desig_scaffold	63482	[T/G]	NA
Ca_Desig_Chr_scaffold01036_63486	Ca_desig_scaffold	63486	[T/G]	NA
Ca_Desig_Chr_scaffold01036_63490	Ca_desig_scaffold	63490	[T/G]	NA
Ca_Desig_Chr_scaffold01036_63506	Ca_desig_scaffold	63506	[A/G]	NA
Ca_Desig_Chr_scaffold01040_45602	Ca_desig_scaffold	45602	[A/T]	NA
Ca_Desig_Chr_scaffold01041_42075	Ca_desig_scaffold	42075	[T/C]	NA
Ca_Desig_Chr_scaffold01041_42083	Ca_desig_scaffold	42083	[A/G]	NA
Ca_Desig_Chr_scaffold01041_42094	Ca_desig_scaffold	42094	[A/C]	NA
Ca_Desig_Chr_scaffold01041_42110	Ca_desig_scaffold	42110	[T/C]	NA
Ca_Desig_Chr_scaffold01041_42131	Ca_desig_scaffold	42131	[T/C]	NA
Ca_Desig_Chr_scaffold01041_44882	Ca_desig_scaffold	44882	[A/G]	NA
Ca_Desig_Chr_scaffold01043_81601	Ca_desig_scaffold	81601	[T/G]	NA
Ca_Desig_Chr_scaffold01043_81615	Ca_desig_scaffold	81615	[T/C]	NA
Ca_Desig_Chr_scaffold01043_81634	Ca_desig_scaffold	81634	[A/C]	NA
Ca_Desig_Chr_scaffold01043_81645	Ca_desig_scaffold	81645	[A/G]	NA
Ca_Desig_Chr_scaffold01044_75187	Ca_desig_scaffold	75187	[T/G]	NA
Ca_Desig_Chr_scaffold01044_75211	Ca_desig_scaffold	75211	[T/G]	NA
Ca_Desig_Chr_scaffold01044_75217	Ca_desig_scaffold	75217	[C/T]	NA
Ca_Desig_Chr_scaffold01044_75224	Ca_desig_scaffold	75224	[T/C]	NA
Ca_Desig_Chr_scaffold01044_75227	Ca_desig_scaffold	75227	[T/C]	NA
Ca_Desig_Chr_scaffold01044_75233	Ca_desig_scaffold	75233	[A/C]	NA
Ca_Desig_Chr_scaffold01044_83873	Ca_desig_scaffold	83873	[T/G]	NA
Ca_Desig_Chr_scaffold01044_83892	Ca_desig_scaffold	83892	[A/G]	NA
Ca_Desig_Chr_scaffold01045_11859	Ca_desig_scaffold	11859	[T/C]	NA
Ca_Desig_Chr_scaffold01045_11871	Ca_desig_scaffold	11871	[A/C]	NA
Ca_Desig_Chr_scaffold01045_11876	Ca_desig_scaffold	11876	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold01045_11892	Ca_desig_scaffold	11892	[T/C]	NA
Ca_DesigChr_scaffold01045_11896	Ca_desig_scaffold	11896	[T/G]	NA
Ca_DesigChr_scaffold01045_16966	Ca_desig_scaffold	16966	[A/C]	NA
Ca_DesigChr_scaffold01045_17005	Ca_desig_scaffold	17005	[T/A]	NA
Ca_DesigChr_scaffold01045_63502	Ca_desig_scaffold	63502	[T/G]	NA
Ca_DesigChr_scaffold01045_65605	Ca_desig_scaffold	65605	[T/G]	NA
Ca_DesigChr_scaffold01045_65683	Ca_desig_scaffold	65683	[A/C]	NA
Ca_DesigChr_scaffold01045_65965	Ca_desig_scaffold	65965	[T/G]	NA
Ca_DesigChr_scaffold01045_65978	Ca_desig_scaffold	65978	[T/C]	NA
Ca_DesigChr_scaffold01045_65984	Ca_desig_scaffold	65984	[T/G]	NA
Ca_DesigChr_scaffold01045_66043	Ca_desig_scaffold	66043	[T/G]	NA
Ca_DesigChr_scaffold01045_86035	Ca_desig_scaffold	86035	[T/C]	NA
Ca_DesigChr_scaffold01045_87309	Ca_desig_scaffold	87309	[A/G]	NA
Ca_DesigChr_scaffold01045_87318	Ca_desig_scaffold	87318	[A/G]	NA
Ca_DesigChr_scaffold01045_88372	Ca_desig_scaffold	88372	[T/G]	NA
Ca_DesigChr_scaffold01046_36143	Ca_desig_scaffold	36143	[T/C]	NA
Ca_DesigChr_scaffold01046_36153	Ca_desig_scaffold	36153	[G/T]	NA
Ca_DesigChr_scaffold01046_36159	Ca_desig_scaffold	36159	[G/A]	NA
Ca_DesigChr_scaffold01055_72547	Ca_desig_scaffold	72547	[A/T]	NA
Ca_DesigChr_scaffold01055_73148	Ca_desig_scaffold	73148	[C/T]	NA
Ca_DesigChr_scaffold01055_75176	Ca_desig_scaffold	75176	[A/C]	NA
Ca_DesigChr_scaffold01055_75209	Ca_desig_scaffold	75209	[C/A]	NA
Ca_DesigChr_scaffold01055_75218	Ca_desig_scaffold	75218	[C/T]	NA
Ca_DesigChr_scaffold01058_85904	Ca_desig_scaffold	85904	[A/C]	NA
Ca_DesigChr_scaffold01058_85914	Ca_desig_scaffold	85914	[A/G]	NA
Ca_DesigChr_scaffold01058_85918	Ca_desig_scaffold	85918	[T/C]	NA
Ca_DesigChr_scaffold01058_85958	Ca_desig_scaffold	85958	[A/G]	NA
Ca_DesigChr_scaffold01063_55422	Ca_desig_scaffold	55422	[G/T]	NA
Ca_DesigChr_scaffold01063_55430	Ca_desig_scaffold	55430	[C/T]	NA
Ca_DesigChr_scaffold01066_66304	Ca_desig_scaffold	66304	[A/C]	NA
Ca_DesigChr_scaffold01066_78663	Ca_desig_scaffold	78663	[T/C]	NA
Ca_DesigChr_scaffold01066_78668	Ca_desig_scaffold	78668	[G/C]	NA
Ca_DesigChr_scaffold01066_78673	Ca_desig_scaffold	78673	[C/A]	NA
Ca_DesigChr_scaffold01066_78683	Ca_desig_scaffold	78683	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01066_79452	Ca_desig_scaffold	79452	[T/C]	NA
Ca_Desig_Chr_scaffold01066_79464	Ca_desig_scaffold	79464	[C/T]	NA
Ca_Desig_Chr_scaffold01066_79467	Ca_desig_scaffold	79467	[T/C]	NA
Ca_Desig_Chr_scaffold01066_79478	Ca_desig_scaffold	79478	[A/G]	NA
Ca_Desig_Chr_scaffold01066_79484	Ca_desig_scaffold	79484	[A/G]	NA
Ca_Desig_Chr_scaffold01066_79489	Ca_desig_scaffold	79489	[T/C]	NA
Ca_Desig_Chr_scaffold01066_79495	Ca_desig_scaffold	79495	[A/G]	NA
Ca_Desig_Chr_scaffold01066_79503	Ca_desig_scaffold	79503	[C/T]	NA
Ca_Desig_Chr_scaffold01066_79509	Ca_desig_scaffold	79509	[A/T]	NA
Ca_Desig_Chr_scaffold01066_80163	Ca_desig_scaffold	80163	[T/A]	NA
Ca_Desig_Chr_scaffold01066_80887	Ca_desig_scaffold	80887	[G/A]	NA
Ca_Desig_Chr_scaffold01066_80915	Ca_desig_scaffold	80915	[T/C]	NA
Ca_Desig_Chr_scaffold01066_80919	Ca_desig_scaffold	80919	[C/T]	NA
Ca_Desig_Chr_scaffold01069_67072	Ca_desig_scaffold	67072	[T/G]	NA
Ca_Desig_Chr_scaffold01069_80686	Ca_desig_scaffold	80686	[A/T]	NA
Ca_Desig_Chr_scaffold01069_80712	Ca_desig_scaffold	80712	[T/C]	NA
Ca_Desig_Chr_scaffold01069_80714	Ca_desig_scaffold	80714	[T/C]	NA
Ca_Desig_Chr_scaffold01069_80725	Ca_desig_scaffold	80725	[A/G]	NA
Ca_Desig_Chr_scaffold01069_80732	Ca_desig_scaffold	80732	[T/C]	NA
Ca_Desig_Chr_scaffold01069_80743	Ca_desig_scaffold	80743	[T/A]	NA
Ca_Desig_Chr_scaffold01069_81723	Ca_desig_scaffold	81723	[A/T]	NA
Ca_Desig_Chr_scaffold01069_81773	Ca_desig_scaffold	81773	[A/G]	NA
Ca_Desig_Chr_scaffold01069_81775	Ca_desig_scaffold	81775	[T/G]	NA
Ca_Desig_Chr_scaffold01073_42578	Ca_desig_scaffold	42578	[T/A]	NA
Ca_Desig_Chr_scaffold01074_16988	Ca_desig_scaffold	16988	[T/G]	NA
Ca_Desig_Chr_scaffold01074_86915	Ca_desig_scaffold	86915	[A/C]	NA
Ca_Desig_Chr_scaffold01074_86940	Ca_desig_scaffold	86940	[A/C]	NA
Ca_Desig_Chr_scaffold01074_89021	Ca_desig_scaffold	89021	[A/C]	NA
Ca_Desig_Chr_scaffold01078_60476	Ca_desig_scaffold	60476	[A/T]	NA
Ca_Desig_Chr_scaffold01078_60685	Ca_desig_scaffold	60685	[T/C]	NA
Ca_Desig_Chr_scaffold01078_60700	Ca_desig_scaffold	60700	[G/A]	NA
Ca_Desig_Chr_scaffold01079_58024	Ca_desig_scaffold	58024	[T/G]	NA
Ca_Desig_Chr_scaffold01081_37593	Ca_desig_scaffold	37593	[T/C]	NA
Ca_Desig_Chr_scaffold01081_37782	Ca_desig_scaffold	37782	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold01081_69994	Ca_desig_scaffold	69994	[T/C]	NA
Ca_DesigChr_scaffold01081_69998	Ca_desig_scaffold	69998	[A/C]	NA
Ca_DesigChr_scaffold01081_70049	Ca_desig_scaffold	70049	[A/G]	NA
Ca_DesigChr_scaffold01082_12246	Ca_desig_scaffold	12246	[A/C]	NA
Ca_DesigChr_scaffold01082_14050	Ca_desig_scaffold	14050	[A/C]	NA
Ca_DesigChr_scaffold01082_15035	Ca_desig_scaffold	15035	[T/C]	NA
Ca_DesigChr_scaffold01086_48901	Ca_desig_scaffold	48901	[A/C]	NA
Ca_DesigChr_scaffold01092_79276	Ca_desig_scaffold	79276	[T/G]	NA
Ca_DesigChr_scaffold01093_11169	Ca_desig_scaffold	11169	[A/T]	NA
Ca_DesigChr_scaffold01093_11196	Ca_desig_scaffold	11196	[A/T]	NA
Ca_DesigChr_scaffold01093_11204	Ca_desig_scaffold	11204	[C/T]	NA
Ca_DesigChr_scaffold01093_27880	Ca_desig_scaffold	27880	[T/G]	NA
Ca_DesigChr_scaffold01093_27883	Ca_desig_scaffold	27883	[T/G]	NA
Ca_DesigChr_scaffold01093_28930	Ca_desig_scaffold	28930	[T/C]	NA
Ca_DesigChr_scaffold01093_28934	Ca_desig_scaffold	28934	[C/T]	NA
Ca_DesigChr_scaffold01093_28936	Ca_desig_scaffold	28936	[T/C]	NA
Ca_DesigChr_scaffold01093_28975	Ca_desig_scaffold	28975	[A/G]	NA
Ca_DesigChr_scaffold01094_73439	Ca_desig_scaffold	73439	[A/C]	NA
Ca_DesigChr_scaffold01094_74659	Ca_desig_scaffold	74659	[T/G]	NA
Ca_DesigChr_scaffold01094_75325	Ca_desig_scaffold	75325	[T/C]	NA
Ca_DesigChr_scaffold01100_20450	Ca_desig_scaffold	20450	[A/T]	NA
Ca_DesigChr_scaffold01100_20700	Ca_desig_scaffold	20700	[C/G]	NA
Ca_DesigChr_scaffold01100_44718	Ca_desig_scaffold	44718	[A/C]	NA
Ca_DesigChr_scaffold01100_44762	Ca_desig_scaffold	44762	[C/T]	NA
Ca_DesigChr_scaffold01100_49124	Ca_desig_scaffold	49124	[C/T]	NA
Ca_DesigChr_scaffold01100_61259	Ca_desig_scaffold	61259	[A/G]	NA
Ca_DesigChr_scaffold01100_61260	Ca_desig_scaffold	61260	[G/A]	NA
Ca_DesigChr_scaffold01107_9600	Ca_desig_scaffold	9600	[A/G]	NA
Ca_DesigChr_scaffold01107_10277	Ca_desig_scaffold	10277	[C/T]	NA
Ca_DesigChr_scaffold01107_10346	Ca_desig_scaffold	10346	[A/C]	NA
Ca_DesigChr_scaffold01107_56652	Ca_desig_scaffold	56652	[A/C]	NA
Ca_DesigChr_scaffold01107_76315	Ca_desig_scaffold	76315	[T/C]	NA
Ca_DesigChr_scaffold01107_76332	Ca_desig_scaffold	76332	[A/G]	NA
Ca_DesigChr_scaffold01107_76349	Ca_desig_scaffold	76349	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01107_76427	Ca_desi_scaffold	76427	[T/G]	NA
Ca_Desi_Ch_scaffold01109_47216	Ca_desi_scaffold	47216	[A/C]	NA
Ca_Desi_Ch_scaffold01109_47229	Ca_desi_scaffold	47229	[A/C]	NA
Ca_Desi_Ch_scaffold01110_40552	Ca_desi_scaffold	40552	[T/C]	NA
Ca_Desi_Ch_scaffold01110_40585	Ca_desi_scaffold	40585	[A/G]	NA
Ca_Desi_Ch_scaffold01110_40618	Ca_desi_scaffold	40618	[A/G]	NA
Ca_Desi_Ch_scaffold01110_40632	Ca_desi_scaffold	40632	[T/C]	NA
Ca_Desi_Ch_scaffold01110_40637	Ca_desi_scaffold	40637	[T/C]	NA
Ca_Desi_Ch_scaffold01110_62846	Ca_desi_scaffold	62846	[T/C]	NA
Ca_Desi_Ch_scaffold01110_62850	Ca_desi_scaffold	62850	[T/A]	NA
Ca_Desi_Ch_scaffold01110_62898	Ca_desi_scaffold	62898	[A/G]	NA
Ca_Desi_Ch_scaffold01112_29660	Ca_desi_scaffold	29660	[A/G]	NA
Ca_Desi_Ch_scaffold01112_29663	Ca_desi_scaffold	29663	[T/C]	NA
Ca_Desi_Ch_scaffold01112_29667	Ca_desi_scaffold	29667	[T/C]	NA
Ca_Desi_Ch_scaffold01112_29673	Ca_desi_scaffold	29673	[T/C]	NA
Ca_Desi_Ch_scaffold01112_29679	Ca_desi_scaffold	29679	[T/C]	NA
Ca_Desi_Ch_scaffold01112_29680	Ca_desi_scaffold	29680	[T/C]	NA
Ca_Desi_Ch_scaffold01112_29683	Ca_desi_scaffold	29683	[T/C]	NA
Ca_Desi_Ch_scaffold01112_29686	Ca_desi_scaffold	29686	[A/G]	NA
Ca_Desi_Ch_scaffold01112_29689	Ca_desi_scaffold	29689	[T/C]	NA
Ca_Desi_Ch_scaffold01112_29690	Ca_desi_scaffold	29690	[C/T]	NA
Ca_Desi_Ch_scaffold01112_29692	Ca_desi_scaffold	29692	[A/G]	NA
Ca_Desi_Ch_scaffold01112_29694	Ca_desi_scaffold	29694	[A/G]	NA
Ca_Desi_Ch_scaffold01112_29696	Ca_desi_scaffold	29696	[A/G]	NA
Ca_Desi_Ch_scaffold01112_29702	Ca_desi_scaffold	29702	[A/G]	NA
Ca_Desi_Ch_scaffold01112_29707	Ca_desi_scaffold	29707	[C/T]	NA
Ca_Desi_Ch_scaffold01112_29708	Ca_desi_scaffold	29708	[T/C]	NA
Ca_Desi_Ch_scaffold01112_29712	Ca_desi_scaffold	29712	[A/G]	NA
Ca_Desi_Ch_scaffold01112_29714	Ca_desi_scaffold	29714	[T/G]	NA
Ca_Desi_Ch_scaffold01112_29718	Ca_desi_scaffold	29718	[T/C]	NA
Ca_Desi_Ch_scaffold01112_29760	Ca_desi_scaffold	29760	[A/C]	NA
Ca_Desi_Ch_scaffold01112_29767	Ca_desi_scaffold	29767	[A/G]	NA
Ca_Desi_Ch_scaffold01112_29771	Ca_desi_scaffold	29771	[T/G]	NA
Ca_Desi_Ch_scaffold01112_29807	Ca_desi_scaffold	29807	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01112_36235	Ca_desi_scaffold	36235	[A/C]	NA
Ca_Desi_Ch_scaffold01112_36258	Ca_desi_scaffold	36258	[A/C]	NA
Ca_Desi_Ch_scaffold01120_40398	Ca_desi_scaffold	40398	[T/G]	NA
Ca_Desi_Ch_scaffold01120_42466	Ca_desi_scaffold	42466	[A/T]	NA
Ca_Desi_Ch_scaffold01120_72300	Ca_desi_scaffold	72300	[A/G]	NA
Ca_Desi_Ch_scaffold01120_80917	Ca_desi_scaffold	80917	[T/G]	NA
Ca_Desi_Ch_scaffold01120_80922	Ca_desi_scaffold	80922	[T/G]	NA
Ca_Desi_Ch_scaffold01120_81942	Ca_desi_scaffold	81942	[T/C]	NA
Ca_Desi_Ch_scaffold01120_85618	Ca_desi_scaffold	85618	[A/C]	NA
Ca_Desi_Ch_scaffold01120_85636	Ca_desi_scaffold	85636	[A/C]	NA
Ca_Desi_Ch_scaffold01120_90068	Ca_desi_scaffold	90068	[T/C]	NA
Ca_Desi_Ch_scaffold01121_8582	Ca_desi_scaffold	8582	[A/C]	NA
Ca_Desi_Ch_scaffold01121_58155	Ca_desi_scaffold	58155	[A/G]	NA
Ca_Desi_Ch_scaffold01121_58405	Ca_desi_scaffold	58405	[C/A]	NA
Ca_Desi_Ch_scaffold01121_62363	Ca_desi_scaffold	62363	[G/C]	NA
Ca_Desi_Ch_scaffold01121_63448	Ca_desi_scaffold	63448	[A/C]	NA
Ca_Desi_Ch_scaffold01121_64890	Ca_desi_scaffold	64890	[A/C]	NA
Ca_Desi_Ch_scaffold01121_64908	Ca_desi_scaffold	64908	[T/C]	NA
Ca_Desi_Ch_scaffold01121_67795	Ca_desi_scaffold	67795	[A/G]	NA
Ca_Desi_Ch_scaffold01121_70249	Ca_desi_scaffold	70249	[C/A]	NA
Ca_Desi_Ch_scaffold01121_79767	Ca_desi_scaffold	79767	[C/T]	NA
Ca_Desi_Ch_scaffold01121_80074	Ca_desi_scaffold	80074	[T/C]	NA
Ca_Desi_Ch_scaffold01121_80240	Ca_desi_scaffold	80240	[A/C]	NA
Ca_Desi_Ch_scaffold01121_80269	Ca_desi_scaffold	80269	[G/C]	NA
Ca_Desi_Ch_scaffold01123_20844	Ca_desi_scaffold	20844	[A/G]	NA
Ca_Desi_Ch_scaffold01123_20846	Ca_desi_scaffold	20846	[A/T]	NA
Ca_Desi_Ch_scaffold01123_72827	Ca_desi_scaffold	72827	[A/C]	NA
Ca_Desi_Ch_scaffold01123_72828	Ca_desi_scaffold	72828	[G/C]	NA
Ca_Desi_Ch_scaffold01131_42665	Ca_desi_scaffold	42665	[A/C]	NA
Ca_Desi_Ch_scaffold01131_42666	Ca_desi_scaffold	42666	[C/A]	NA
Ca_Desi_Ch_scaffold01131_44117	Ca_desi_scaffold	44117	[T/G]	NA
Ca_Desi_Ch_scaffold01131_44322	Ca_desi_scaffold	44322	[A/C]	NA
Ca_Desi_Ch_scaffold01131_49630	Ca_desi_scaffold	49630	[A/G]	NA
Ca_Desi_Ch_scaffold01131_49647	Ca_desi_scaffold	49647	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold01131_49656	Ca_desi_scaffold	49656	[T/C]	NA
Ca_Desi_Chromosome_scaffold01131_49663	Ca_desi_scaffold	49663	[T/C]	NA
Ca_Desi_Chromosome_scaffold01131_49665	Ca_desi_scaffold	49665	[T/C]	NA
Ca_Desi_Chromosome_scaffold01131_49675	Ca_desi_scaffold	49675	[A/G]	NA
Ca_Desi_Chromosome_scaffold01131_49678	Ca_desi_scaffold	49678	[T/C]	NA
Ca_Desi_Chromosome_scaffold01131_49679	Ca_desi_scaffold	49679	[A/G]	NA
Ca_Desi_Chromosome_scaffold01133_66151	Ca_desi_scaffold	66151	[T/A]	NA
Ca_Desi_Chromosome_scaffold01133_66319	Ca_desi_scaffold	66319	[T/G]	NA
Ca_Desi_Chromosome_scaffold01133_66380	Ca_desi_scaffold	66380	[A/T]	NA
Ca_Desi_Chromosome_scaffold01133_67391	Ca_desi_scaffold	67391	[A/G]	NA
Ca_Desi_Chromosome_scaffold01135_31641	Ca_desi_scaffold	31641	[T/C]	NA
Ca_Desi_Chromosome_scaffold01135_67509	Ca_desi_scaffold	67509	[A/C]	NA
Ca_Desi_Chromosome_scaffold01135_67530	Ca_desi_scaffold	67530	[A/T]	NA
Ca_Desi_Chromosome_scaffold01135_67539	Ca_desi_scaffold	67539	[A/C]	NA
Ca_Desi_Chromosome_scaffold01136_8719	Ca_desi_scaffold	8719	[T/C]	NA
Ca_Desi_Chromosome_scaffold01136_8788	Ca_desi_scaffold	8788	[A/T]	NA
Ca_Desi_Chromosome_scaffold01136_81445	Ca_desi_scaffold	81445	[A/T]	NA
Ca_Desi_Chromosome_scaffold01137_49885	Ca_desi_scaffold	49885	[A/C]	NA
Ca_Desi_Chromosome_scaffold01137_49993	Ca_desi_scaffold	49993	[C/A]	NA
Ca_Desi_Chromosome_scaffold01137_49994	Ca_desi_scaffold	49994	[A/G]	NA
Ca_Desi_Chromosome_scaffold01137_49996	Ca_desi_scaffold	49996	[A/T]	NA
Ca_Desi_Chromosome_scaffold01137_49997	Ca_desi_scaffold	49997	[T/C]	NA
Ca_Desi_Chromosome_scaffold01141_454	Ca_desi_scaffold	454	[T/C]	NA
Ca_Desi_Chromosome_scaffold01141_491	Ca_desi_scaffold	491	[A/G]	NA
Ca_Desi_Chromosome_scaffold01141_5432	Ca_desi_scaffold	5432	[A/G]	NA
Ca_Desi_Chromosome_scaffold01141_5827	Ca_desi_scaffold	5827	[T/C]	NA
Ca_Desi_Chromosome_scaffold01141_5864	Ca_desi_scaffold	5864	[A/C]	NA
Ca_Desi_Chromosome_scaffold01142_76469	Ca_desi_scaffold	76469	[A/G]	NA
Ca_Desi_Chromosome_scaffold01145_11087	Ca_desi_scaffold	11087	[G/A]	NA
Ca_Desi_Chromosome_scaffold01145_11093	Ca_desi_scaffold	11093	[A/G]	NA
Ca_Desi_Chromosome_scaffold01145_11097	Ca_desi_scaffold	11097	[A/G]	NA
Ca_Desi_Chromosome_scaffold01145_11115	Ca_desi_scaffold	11115	[A/G]	NA
Ca_Desi_Chromosome_scaffold01148_2280	Ca_desi_scaffold	2280	[T/C]	NA
Ca_Desi_Chromosome_scaffold01148_2303	Ca_desi_scaffold	2303	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01148_2333	Ca_desig_scaffold	2333	[T/C]	NA
Ca_Desig_Chr_scaffold01148_21493	Ca_desig_scaffold	21493	[A/G]	NA
Ca_Desig_Chr_scaffold01148_49608	Ca_desig_scaffold	49608	[A/G]	NA
Ca_Desig_Chr_scaffold01148_50549	Ca_desig_scaffold	50549	[A/C]	NA
Ca_Desig_Chr_scaffold01148_59421	Ca_desig_scaffold	59421	[C/A]	NA
Ca_Desig_Chr_scaffold01148_59422	Ca_desig_scaffold	59422	[T/G]	NA
Ca_Desig_Chr_scaffold01148_59423	Ca_desig_scaffold	59423	[C/A]	NA
Ca_Desig_Chr_scaffold01148_59424	Ca_desig_scaffold	59424	[C/T]	NA
Ca_Desig_Chr_scaffold01148_60105	Ca_desig_scaffold	60105	[T/G]	NA
Ca_Desig_Chr_scaffold01148_60207	Ca_desig_scaffold	60207	[T/G]	NA
Ca_Desig_Chr_scaffold01151_67472	Ca_desig_scaffold	67472	[A/C]	NA
Ca_Desig_Chr_scaffold01151_67491	Ca_desig_scaffold	67491	[A/C]	NA
Ca_Desig_Chr_scaffold01152_21247	Ca_desig_scaffold	21247	[C/T]	NA
Ca_Desig_Chr_scaffold01152_21262	Ca_desig_scaffold	21262	[G/A]	NA
Ca_Desig_Chr_scaffold01152_21294	Ca_desig_scaffold	21294	[G/A]	NA
Ca_Desig_Chr_scaffold01156_24083	Ca_desig_scaffold	24083	[T/C]	NA
Ca_Desig_Chr_scaffold01156_24108	Ca_desig_scaffold	24108	[T/G]	NA
Ca_Desig_Chr_scaffold01156_24111	Ca_desig_scaffold	24111	[A/T]	NA
Ca_Desig_Chr_scaffold01156_24119	Ca_desig_scaffold	24119	[A/C]	NA
Ca_Desig_Chr_scaffold01156_45702	Ca_desig_scaffold	45702	[T/A]	NA
Ca_Desig_Chr_scaffold01159_75703	Ca_desig_scaffold	75703	[T/C]	NA
Ca_Desig_Chr_scaffold01159_75722	Ca_desig_scaffold	75722	[T/C]	NA
Ca_Desig_Chr_scaffold01159_75730	Ca_desig_scaffold	75730	[T/C]	NA
Ca_Desig_Chr_scaffold01159_75735	Ca_desig_scaffold	75735	[T/G]	NA
Ca_Desig_Chr_scaffold01159_75745	Ca_desig_scaffold	75745	[A/G]	NA
Ca_Desig_Chr_scaffold01159_75747	Ca_desig_scaffold	75747	[T/C]	NA
Ca_Desig_Chr_scaffold01159_75750	Ca_desig_scaffold	75750	[T/G]	NA
Ca_Desig_Chr_scaffold01159_75752	Ca_desig_scaffold	75752	[T/C]	NA
Ca_Desig_Chr_scaffold01159_75754	Ca_desig_scaffold	75754	[T/C]	NA
Ca_Desig_Chr_scaffold01159_75756	Ca_desig_scaffold	75756	[A/G]	NA
Ca_Desig_Chr_scaffold01159_75765	Ca_desig_scaffold	75765	[T/C]	NA
Ca_Desig_Chr_scaffold01159_75767	Ca_desig_scaffold	75767	[A/G]	NA
Ca_Desig_Chr_scaffold01164_38621	Ca_desig_scaffold	38621	[T/G]	NA
Ca_Desig_Chr_scaffold01166_21186	Ca_desig_scaffold	21186	[T/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01166_23293	Ca_desig_scaffold	23293	[A/G]	NA
Ca_Desig_Chr_scaffold01166_23329	Ca_desig_scaffold	23329	[A/G]	NA
Ca_Desig_Chr_scaffold01166_23340	Ca_desig_scaffold	23340	[A/C]	NA
Ca_Desig_Chr_scaffold01166_23345	Ca_desig_scaffold	23345	[T/C]	NA
Ca_Desig_Chr_scaffold01166_23349	Ca_desig_scaffold	23349	[A/G]	NA
Ca_Desig_Chr_scaffold01166_23948	Ca_desig_scaffold	23948	[T/G]	NA
Ca_Desig_Chr_scaffold01166_25064	Ca_desig_scaffold	25064	[T/C]	NA
Ca_Desig_Chr_scaffold01166_25074	Ca_desig_scaffold	25074	[A/C]	NA
Ca_Desig_Chr_scaffold01166_25080	Ca_desig_scaffold	25080	[A/G]	NA
Ca_Desig_Chr_scaffold01166_25084	Ca_desig_scaffold	25084	[A/G]	NA
Ca_Desig_Chr_scaffold01166_25090	Ca_desig_scaffold	25090	[A/G]	NA
Ca_Desig_Chr_scaffold01166_25102	Ca_desig_scaffold	25102	[A/G]	NA
Ca_Desig_Chr_scaffold01166_25104	Ca_desig_scaffold	25104	[T/G]	NA
Ca_Desig_Chr_scaffold01167_20364	Ca_desig_scaffold	20364	[T/C]	NA
Ca_Desig_Chr_scaffold01167_20391	Ca_desig_scaffold	20391	[T/C]	NA
Ca_Desig_Chr_scaffold01167_20395	Ca_desig_scaffold	20395	[A/G]	NA
Ca_Desig_Chr_scaffold01167_85881	Ca_desig_scaffold	85881	[T/C]	NA
Ca_Desig_Chr_scaffold01167_85889	Ca_desig_scaffold	85889	[T/C]	NA
Ca_Desig_Chr_scaffold01167_85892	Ca_desig_scaffold	85892	[A/G]	NA
Ca_Desig_Chr_scaffold01167_85893	Ca_desig_scaffold	85893	[T/C]	NA
Ca_Desig_Chr_scaffold01167_85898	Ca_desig_scaffold	85898	[T/C]	NA
Ca_Desig_Chr_scaffold01167_85901	Ca_desig_scaffold	85901	[A/G]	NA
Ca_Desig_Chr_scaffold01167_85905	Ca_desig_scaffold	85905	[T/G]	NA
Ca_Desig_Chr_scaffold01167_85908	Ca_desig_scaffold	85908	[A/G]	NA
Ca_Desig_Chr_scaffold01167_85913	Ca_desig_scaffold	85913	[A/G]	NA
Ca_Desig_Chr_scaffold01167_85914	Ca_desig_scaffold	85914	[T/C]	NA
Ca_Desig_Chr_scaffold01167_85917	Ca_desig_scaffold	85917	[A/G]	NA
Ca_Desig_Chr_scaffold01167_85922	Ca_desig_scaffold	85922	[T/G]	NA
Ca_Desig_Chr_scaffold01167_85924	Ca_desig_scaffold	85924	[T/C]	NA
Ca_Desig_Chr_scaffold01169_65105	Ca_desig_scaffold	65105	[T/G]	NA
Ca_Desig_Chr_scaffold01169_79882	Ca_desig_scaffold	79882	[A/T]	NA
Ca_Desig_Chr_scaffold01169_81450	Ca_desig_scaffold	81450	[T/C]	NA
Ca_Desig_Chr_scaffold01172_60985	Ca_desig_scaffold	60985	[A/C]	NA
Ca_Desig_Chr_scaffold01172_61041	Ca_desig_scaffold	61041	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01173_6464	Ca_desi_scaffold	6464	[T/C]	NA
Ca_Desi_Ch_scaffold01173_6484	Ca_desi_scaffold	6484	[T/G]	NA
Ca_Desi_Ch_scaffold01173_6496	Ca_desi_scaffold	6496	[A/G]	NA
Ca_Desi_Ch_scaffold01173_6507	Ca_desi_scaffold	6507	[A/G]	NA
Ca_Desi_Ch_scaffold01173_6937	Ca_desi_scaffold	6937	[T/C]	NA
Ca_Desi_Ch_scaffold01173_6940	Ca_desi_scaffold	6940	[A/C]	NA
Ca_Desi_Ch_scaffold01173_6953	Ca_desi_scaffold	6953	[T/C]	NA
Ca_Desi_Ch_scaffold01173_6955	Ca_desi_scaffold	6955	[A/G]	NA
Ca_Desi_Ch_scaffold01173_6970	Ca_desi_scaffold	6970	[T/C]	NA
Ca_Desi_Ch_scaffold01173_6982	Ca_desi_scaffold	6982	[A/G]	NA
Ca_Desi_Ch_scaffold01174_36626	Ca_desi_scaffold	36626	[T/G]	NA
Ca_Desi_Ch_scaffold01174_36629	Ca_desi_scaffold	36629	[T/G]	NA
Ca_Desi_Ch_scaffold01174_59167	Ca_desi_scaffold	59167	[T/A]	NA
Ca_Desi_Ch_scaffold01174_59628	Ca_desi_scaffold	59628	[T/G]	NA
Ca_Desi_Ch_scaffold01174_63333	Ca_desi_scaffold	63333	[A/G]	NA
Ca_Desi_Ch_scaffold01174_63336	Ca_desi_scaffold	63336	[A/C]	NA
Ca_Desi_Ch_scaffold01174_63347	Ca_desi_scaffold	63347	[T/C]	NA
Ca_Desi_Ch_scaffold01174_63361	Ca_desi_scaffold	63361	[A/G]	NA
Ca_Desi_Ch_scaffold01174_82974	Ca_desi_scaffold	82974	[T/C]	NA
Ca_Desi_Ch_scaffold01174_82985	Ca_desi_scaffold	82985	[T/G]	NA
Ca_Desi_Ch_scaffold01174_82999	Ca_desi_scaffold	82999	[T/C]	NA
Ca_Desi_Ch_scaffold01178_51376	Ca_desi_scaffold	51376	[C/T]	NA
Ca_Desi_Ch_scaffold01186_45845	Ca_desi_scaffold	45845	[T/C]	NA
Ca_Desi_Ch_scaffold01189_75211	Ca_desi_scaffold	75211	[A/G]	NA
Ca_Desi_Ch_scaffold01189_75224	Ca_desi_scaffold	75224	[G/T]	NA
Ca_Desi_Ch_scaffold01189_75226	Ca_desi_scaffold	75226	[T/C]	NA
Ca_Desi_Ch_scaffold01189_75230	Ca_desi_scaffold	75230	[A/G]	NA
Ca_Desi_Ch_scaffold01189_75236	Ca_desi_scaffold	75236	[A/G]	NA
Ca_Desi_Ch_scaffold01191_42252	Ca_desi_scaffold	42252	[A/G]	NA
Ca_Desi_Ch_scaffold01191_42260	Ca_desi_scaffold	42260	[G/A]	NA
Ca_Desi_Ch_scaffold01191_42264	Ca_desi_scaffold	42264	[A/T]	NA
Ca_Desi_Ch_scaffold01191_49636	Ca_desi_scaffold	49636	[G/C]	NA
Ca_Desi_Ch_scaffold01191_52241	Ca_desi_scaffold	52241	[T/A]	NA
Ca_Desi_Ch_scaffold01191_52478	Ca_desi_scaffold	52478	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01191_61547	Ca_desig_scaffold	61547	[T/A]	NA
Ca_Desig_Chr_scaffold01191_72296	Ca_desig_scaffold	72296	[A/G]	NA
Ca_Desig_Chr_scaffold01192_5169	Ca_desig_scaffold	5169	[T/C]	NA
Ca_Desig_Chr_scaffold01192_5202	Ca_desig_scaffold	5202	[A/G]	NA
Ca_Desig_Chr_scaffold01196_18110	Ca_desig_scaffold	18110	[G/C]	NA
Ca_Desig_Chr_scaffold01196_18111	Ca_desig_scaffold	18111	[G/T]	NA
Ca_Desig_Chr_scaffold01196_18119	Ca_desig_scaffold	18119	[A/G]	NA
Ca_Desig_Chr_scaffold01198_54523	Ca_desig_scaffold	54523	[T/A]	NA
Ca_Desig_Chr_scaffold01198_57793	Ca_desig_scaffold	57793	[C/T]	NA
Ca_Desig_Chr_scaffold01198_57800	Ca_desig_scaffold	57800	[T/G]	NA
Ca_Desig_Chr_scaffold01198_57805	Ca_desig_scaffold	57805	[T/C]	NA
Ca_Desig_Chr_scaffold01198_57807	Ca_desig_scaffold	57807	[C/A]	NA
Ca_Desig_Chr_scaffold01198_57809	Ca_desig_scaffold	57809	[G/A]	NA
Ca_Desig_Chr_scaffold01198_57811	Ca_desig_scaffold	57811	[A/C]	NA
Ca_Desig_Chr_scaffold01198_57814	Ca_desig_scaffold	57814	[G/C]	NA
Ca_Desig_Chr_scaffold01198_57819	Ca_desig_scaffold	57819	[C/A]	NA
Ca_Desig_Chr_scaffold01200_29990	Ca_desig_scaffold	29990	[A/C]	NA
Ca_Desig_Chr_scaffold01200_30013	Ca_desig_scaffold	30013	[T/C]	NA
Ca_Desig_Chr_scaffold01200_73329	Ca_desig_scaffold	73329	[T/C]	NA
Ca_Desig_Chr_scaffold01200_73336	Ca_desig_scaffold	73336	[A/C]	NA
Ca_Desig_Chr_scaffold01200_73342	Ca_desig_scaffold	73342	[A/C]	NA
Ca_Desig_Chr_scaffold01200_73346	Ca_desig_scaffold	73346	[T/C]	NA
Ca_Desig_Chr_scaffold01200_73354	Ca_desig_scaffold	73354	[T/A]	NA
Ca_Desig_Chr_scaffold01207_62312	Ca_desig_scaffold	62312	[T/C]	NA
Ca_Desig_Chr_scaffold01207_62325	Ca_desig_scaffold	62325	[T/A]	NA
Ca_Desig_Chr_scaffold01207_62361	Ca_desig_scaffold	62361	[T/A]	NA
Ca_Desig_Chr_scaffold01211_10297	Ca_desig_scaffold	10297	[C/A]	NA
Ca_Desig_Chr_scaffold01211_10298	Ca_desig_scaffold	10298	[T/G]	NA
Ca_Desig_Chr_scaffold01211_10299	Ca_desig_scaffold	10299	[C/A]	NA
Ca_Desig_Chr_scaffold01211_10300	Ca_desig_scaffold	10300	[C/T]	NA
Ca_Desig_Chr_scaffold01211_65188	Ca_desig_scaffold	65188	[T/G]	NA
Ca_Desig_Chr_scaffold01213_31835	Ca_desig_scaffold	31835	[A/T]	NA
Ca_Desig_Chr_scaffold01213_31852	Ca_desig_scaffold	31852	[A/C]	NA
Ca_Desig_Chr_scaffold01213_31857	Ca_desig_scaffold	31857	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01213_58348	Ca_desig_scaffold	58348	[T/G]	NA
Ca_Desig_Chr_scaffold01213_58442	Ca_desig_scaffold	58442	[A/G]	NA
Ca_Desig_Chr_scaffold01214_20944	Ca_desig_scaffold	20944	[T/C]	NA
Ca_Desig_Chr_scaffold01214_20956	Ca_desig_scaffold	20956	[T/A]	NA
Ca_Desig_Chr_scaffold01214_20962	Ca_desig_scaffold	20962	[A/C]	NA
Ca_Desig_Chr_scaffold01214_20991	Ca_desig_scaffold	20991	[A/C]	NA
Ca_Desig_Chr_scaffold01214_20994	Ca_desig_scaffold	20994	[A/C]	NA
Ca_Desig_Chr_scaffold01214_81423	Ca_desig_scaffold	81423	[A/G]	NA
Ca_Desig_Chr_scaffold01216_47446	Ca_desig_scaffold	47446	[G/A]	NA
Ca_Desig_Chr_scaffold01216_47561	Ca_desig_scaffold	47561	[G/A]	NA
Ca_Desig_Chr_scaffold01216_47600	Ca_desig_scaffold	47600	[A/T]	NA
Ca_Desig_Chr_scaffold01216_49454	Ca_desig_scaffold	49454	[A/T]	NA
Ca_Desig_Chr_scaffold01216_49793	Ca_desig_scaffold	49793	[G/A]	NA
Ca_Desig_Chr_scaffold01216_49831	Ca_desig_scaffold	49831	[G/A]	NA
Ca_Desig_Chr_scaffold01216_62521	Ca_desig_scaffold	62521	[T/C]	NA
Ca_Desig_Chr_scaffold01225_77178	Ca_desig_scaffold	77178	[T/C]	NA
Ca_Desig_Chr_scaffold01226_14794	Ca_desig_scaffold	14794	[T/A]	NA
Ca_Desig_Chr_scaffold01226_45416	Ca_desig_scaffold	45416	[A/C]	NA
Ca_Desig_Chr_scaffold01226_45417	Ca_desig_scaffold	45417	[C/T]	NA
Ca_Desig_Chr_scaffold01226_45419	Ca_desig_scaffold	45419	[C/T]	NA
Ca_Desig_Chr_scaffold01226_45428	Ca_desig_scaffold	45428	[T/C]	NA
Ca_Desig_Chr_scaffold01226_70571	Ca_desig_scaffold	70571	[G/C]	NA
Ca_Desig_Chr_scaffold01226_70576	Ca_desig_scaffold	70576	[C/T]	NA
Ca_Desig_Chr_scaffold01226_83221	Ca_desig_scaffold	83221	[A/C]	NA
Ca_Desig_Chr_scaffold01229_58643	Ca_desig_scaffold	58643	[T/G]	NA
Ca_Desig_Chr_scaffold01229_63807	Ca_desig_scaffold	63807	[T/A]	NA
Ca_Desig_Chr_scaffold01230_4663	Ca_desig_scaffold	4663	[T/C]	NA
Ca_Desig_Chr_scaffold01230_4837	Ca_desig_scaffold	4837	[A/G]	NA
Ca_Desig_Chr_scaffold01230_4839	Ca_desig_scaffold	4839	[A/C]	NA
Ca_Desig_Chr_scaffold01230_5094	Ca_desig_scaffold	5094	[A/C]	NA
Ca_Desig_Chr_scaffold01230_5108	Ca_desig_scaffold	5108	[A/G]	NA
Ca_Desig_Chr_scaffold01230_5112	Ca_desig_scaffold	5112	[T/C]	NA
Ca_Desig_Chr_scaffold01230_5117	Ca_desig_scaffold	5117	[A/G]	NA
Ca_Desig_Chr_scaffold01230_5276	Ca_desig_scaffold	5276	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold01230_5304	Ca_desi_scaffold	5304	[A/G]	NA
Ca_Desi_Chromosome_scaffold01230_10633	Ca_desi_scaffold	10633	[A/G]	NA
Ca_Desi_Chromosome_scaffold01230_11978	Ca_desi_scaffold	11978	[C/A]	NA
Ca_Desi_Chromosome_scaffold01230_11979	Ca_desi_scaffold	11979	[C/G]	NA
Ca_Desi_Chromosome_scaffold01231_16170	Ca_desi_scaffold	16170	[A/T]	NA
Ca_Desi_Chromosome_scaffold01231_22422	Ca_desi_scaffold	22422	[C/T]	NA
Ca_Desi_Chromosome_scaffold01231_22730	Ca_desi_scaffold	22730	[T/G]	NA
Ca_Desi_Chromosome_scaffold01231_41429	Ca_desi_scaffold	41429	[A/T]	NA
Ca_Desi_Chromosome_scaffold01231_41437	Ca_desi_scaffold	41437	[A/C]	NA
Ca_Desi_Chromosome_scaffold01231_71252	Ca_desi_scaffold	71252	[C/T]	NA
Ca_Desi_Chromosome_scaffold01231_71261	Ca_desi_scaffold	71261	[A/G]	NA
Ca_Desi_Chromosome_scaffold01231_71279	Ca_desi_scaffold	71279	[G/A]	NA
Ca_Desi_Chromosome_scaffold01231_71295	Ca_desi_scaffold	71295	[C/T]	NA
Ca_Desi_Chromosome_scaffold01231_77083	Ca_desi_scaffold	77083	[G/A]	NA
Ca_Desi_Chromosome_scaffold01231_77159	Ca_desi_scaffold	77159	[C/T]	NA
Ca_Desi_Chromosome_scaffold01231_77198	Ca_desi_scaffold	77198	[A/G]	NA
Ca_Desi_Chromosome_scaffold01231_77445	Ca_desi_scaffold	77445	[C/T]	NA
Ca_Desi_Chromosome_scaffold01231_77529	Ca_desi_scaffold	77529	[G/A]	NA
Ca_Desi_Chromosome_scaffold01234_18631	Ca_desi_scaffold	18631	[T/C]	NA
Ca_Desi_Chromosome_scaffold01234_18649	Ca_desi_scaffold	18649	[T/G]	NA
Ca_Desi_Chromosome_scaffold01234_18655	Ca_desi_scaffold	18655	[T/C]	NA
Ca_Desi_Chromosome_scaffold01235_23838	Ca_desi_scaffold	23838	[T/C]	NA
Ca_Desi_Chromosome_scaffold01235_23870	Ca_desi_scaffold	23870	[A/G]	NA
Ca_Desi_Chromosome_scaffold01235_45425	Ca_desi_scaffold	45425	[T/G]	NA
Ca_Desi_Chromosome_scaffold01235_45438	Ca_desi_scaffold	45438	[T/C]	NA
Ca_Desi_Chromosome_scaffold01235_61100	Ca_desi_scaffold	61100	[T/C]	NA
Ca_Desi_Chromosome_scaffold01237_18843	Ca_desi_scaffold	18843	[T/G]	NA
Ca_Desi_Chromosome_scaffold01237_18845	Ca_desi_scaffold	18845	[C/G]	NA
Ca_Desi_Chromosome_scaffold01237_18846	Ca_desi_scaffold	18846	[G/T]	NA
Ca_Desi_Chromosome_scaffold01237_18849	Ca_desi_scaffold	18849	[T/G]	NA
Ca_Desi_Chromosome_scaffold01237_18851	Ca_desi_scaffold	18851	[A/G]	NA
Ca_Desi_Chromosome_scaffold01237_18852	Ca_desi_scaffold	18852	[T/G]	NA
Ca_Desi_Chromosome_scaffold01237_18854	Ca_desi_scaffold	18854	[C/G]	NA
Ca_Desi_Chromosome_scaffold01237_18855	Ca_desi_scaffold	18855	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01237_18856	Ca_desi_scaffold	18856	[T/A]	NA
Ca_Desi_Ch_scaffold01237_18858	Ca_desi_scaffold	18858	[G/C]	NA
Ca_Desi_Ch_scaffold01237_18879	Ca_desi_scaffold	18879	[T/C]	NA
Ca_Desi_Ch_scaffold01237_18883	Ca_desi_scaffold	18883	[T/G]	NA
Ca_Desi_Ch_scaffold01237_18903	Ca_desi_scaffold	18903	[T/A]	NA
Ca_Desi_Ch_scaffold01239_40181	Ca_desi_scaffold	40181	[T/G]	NA
Ca_Desi_Ch_scaffold01241_27505	Ca_desi_scaffold	27505	[A/G]	NA
Ca_Desi_Ch_scaffold01241_30859	Ca_desi_scaffold	30859	[A/C]	NA
Ca_Desi_Ch_scaffold01241_30864	Ca_desi_scaffold	30864	[C/T]	NA
Ca_Desi_Ch_scaffold01241_61518	Ca_desi_scaffold	61518	[A/G]	NA
Ca_Desi_Ch_scaffold01241_61526	Ca_desi_scaffold	61526	[A/G]	NA
Ca_Desi_Ch_scaffold01241_67195	Ca_desi_scaffold	67195	[T/G]	NA
Ca_Desi_Ch_scaffold01241_67284	Ca_desi_scaffold	67284	[G/T]	NA
Ca_Desi_Ch_scaffold01241_82674	Ca_desi_scaffold	82674	[C/A]	NA
Ca_Desi_Ch_scaffold01241_82675	Ca_desi_scaffold	82675	[C/G]	NA
Ca_Desi_Ch_scaffold01241_82677	Ca_desi_scaffold	82677	[A/T]	NA
Ca_Desi_Ch_scaffold01242_12009	Ca_desi_scaffold	12009	[T/A]	NA
Ca_Desi_Ch_scaffold01242_12061	Ca_desi_scaffold	12061	[T/C]	NA
Ca_Desi_Ch_scaffold01242_12266	Ca_desi_scaffold	12266	[A/C]	NA
Ca_Desi_Ch_scaffold01242_12292	Ca_desi_scaffold	12292	[A/T]	NA
Ca_Desi_Ch_scaffold01242_14587	Ca_desi_scaffold	14587	[T/G]	NA
Ca_Desi_Ch_scaffold01242_14593	Ca_desi_scaffold	14593	[T/C]	NA
Ca_Desi_Ch_scaffold01242_83250	Ca_desi_scaffold	83250	[T/C]	NA
Ca_Desi_Ch_scaffold01242_83279	Ca_desi_scaffold	83279	[T/C]	NA
Ca_Desi_Ch_scaffold01242_83293	Ca_desi_scaffold	83293	[T/C]	NA
Ca_Desi_Ch_scaffold01242_83302	Ca_desi_scaffold	83302	[T/C]	NA
Ca_Desi_Ch_scaffold01250_47548	Ca_desi_scaffold	47548	[T/C]	NA
Ca_Desi_Ch_scaffold01250_47550	Ca_desi_scaffold	47550	[A/G]	NA
Ca_Desi_Ch_scaffold01250_47567	Ca_desi_scaffold	47567	[A/G]	NA
Ca_Desi_Ch_scaffold01250_65840	Ca_desi_scaffold	65840	[T/G]	NA
Ca_Desi_Ch_scaffold01251_45773	Ca_desi_scaffold	45773	[T/C]	NA
Ca_Desi_Ch_scaffold01251_45818	Ca_desi_scaffold	45818	[A/G]	NA
Ca_Desi_Ch_scaffold01251_45891	Ca_desi_scaffold	45891	[T/C]	NA
Ca_Desi_Ch_scaffold01254_54145	Ca_desi_scaffold	54145	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01254_54171	Ca_desig_scaffold	54171	[C/T]	NA
Ca_Desig_Chr_scaffold01254_54172	Ca_desig_scaffold	54172	[A/C]	NA
Ca_Desig_Chr_scaffold01254_54174	Ca_desig_scaffold	54174	[C/T]	NA
Ca_Desig_Chr_scaffold01254_54185	Ca_desig_scaffold	54185	[A/G]	NA
Ca_Desig_Chr_scaffold01254_56414	Ca_desig_scaffold	56414	[T/A]	NA
Ca_Desig_Chr_scaffold01254_56419	Ca_desig_scaffold	56419	[A/C]	NA
Ca_Desig_Chr_scaffold01254_56425	Ca_desig_scaffold	56425	[A/C]	NA
Ca_Desig_Chr_scaffold01254_56453	Ca_desig_scaffold	56453	[A/G]	NA
Ca_Desig_Chr_scaffold01255_2758	Ca_desig_scaffold	2758	[A/G]	NA
Ca_Desig_Chr_scaffold01256_25803	Ca_desig_scaffold	25803	[T/C]	NA
Ca_Desig_Chr_scaffold01257_52865	Ca_desig_scaffold	52865	[T/C]	NA
Ca_Desig_Chr_scaffold01257_52894	Ca_desig_scaffold	52894	[A/G]	NA
Ca_Desig_Chr_scaffold01258_80275	Ca_desig_scaffold	80275	[A/T]	NA
Ca_Desig_Chr_scaffold01258_80281	Ca_desig_scaffold	80281	[A/G]	NA
Ca_Desig_Chr_scaffold01258_80285	Ca_desig_scaffold	80285	[T/C]	NA
Ca_Desig_Chr_scaffold01258_80288	Ca_desig_scaffold	80288	[T/C]	NA
Ca_Desig_Chr_scaffold01258_80290	Ca_desig_scaffold	80290	[T/C]	NA
Ca_Desig_Chr_scaffold01258_80297	Ca_desig_scaffold	80297	[T/C]	NA
Ca_Desig_Chr_scaffold01258_80303	Ca_desig_scaffold	80303	[A/G]	NA
Ca_Desig_Chr_scaffold01258_80306	Ca_desig_scaffold	80306	[A/G]	NA
Ca_Desig_Chr_scaffold01258_80315	Ca_desig_scaffold	80315	[G/A]	NA
Ca_Desig_Chr_scaffold01258_80316	Ca_desig_scaffold	80316	[A/G]	NA
Ca_Desig_Chr_scaffold01258_80318	Ca_desig_scaffold	80318	[C/T]	NA
Ca_Desig_Chr_scaffold01258_80327	Ca_desig_scaffold	80327	[T/C]	NA
Ca_Desig_Chr_scaffold01258_80333	Ca_desig_scaffold	80333	[T/C]	NA
Ca_Desig_Chr_scaffold01261_59687	Ca_desig_scaffold	59687	[G/C]	NA
Ca_Desig_Chr_scaffold01261_59688	Ca_desig_scaffold	59688	[G/T]	NA
Ca_Desig_Chr_scaffold01263_8357	Ca_desig_scaffold	8357	[T/C]	NA
Ca_Desig_Chr_scaffold01263_8411	Ca_desig_scaffold	8411	[A/G]	NA
Ca_Desig_Chr_scaffold01263_8432	Ca_desig_scaffold	8432	[A/C]	NA
Ca_Desig_Chr_scaffold01265_54159	Ca_desig_scaffold	54159	[T/C]	NA
Ca_Desig_Chr_scaffold01266_23839	Ca_desig_scaffold	23839	[A/C]	NA
Ca_Desig_Chr_scaffold01266_35845	Ca_desig_scaffold	35845	[G/T]	NA
Ca_Desig_Chr_scaffold01266_74341	Ca_desig_scaffold	74341	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01266_74350	Ca_desig_scaffold	74350	[T/G]	NA
Ca_Desig_Chr_scaffold01266_74375	Ca_desig_scaffold	74375	[T/G]	NA
Ca_Desig_Chr_scaffold01266_74378	Ca_desig_scaffold	74378	[C/T]	NA
Ca_Desig_Chr_scaffold01266_74381	Ca_desig_scaffold	74381	[T/A]	NA
Ca_Desig_Chr_scaffold01270_45475	Ca_desig_scaffold	45475	[A/T]	NA
Ca_Desig_Chr_scaffold01282_48094	Ca_desig_scaffold	48094	[T/A]	NA
Ca_Desig_Chr_scaffold01282_75683	Ca_desig_scaffold	75683	[T/C]	NA
Ca_Desig_Chr_scaffold01282_75691	Ca_desig_scaffold	75691	[A/C]	NA
Ca_Desig_Chr_scaffold01282_75769	Ca_desig_scaffold	75769	[A/G]	NA
Ca_Desig_Chr_scaffold01282_75799	Ca_desig_scaffold	75799	[T/C]	NA
Ca_Desig_Chr_scaffold01285_11589	Ca_desig_scaffold	11589	[A/T]	NA
Ca_Desig_Chr_scaffold01285_14427	Ca_desig_scaffold	14427	[T/A]	NA
Ca_Desig_Chr_scaffold01285_14437	Ca_desig_scaffold	14437	[A/G]	NA
Ca_Desig_Chr_scaffold01285_14454	Ca_desig_scaffold	14454	[A/G]	NA
Ca_Desig_Chr_scaffold01288_14461	Ca_desig_scaffold	14461	[T/C]	NA
Ca_Desig_Chr_scaffold01288_14462	Ca_desig_scaffold	14462	[G/T]	NA
Ca_Desig_Chr_scaffold01288_16238	Ca_desig_scaffold	16238	[T/A]	NA
Ca_Desig_Chr_scaffold01288_16242	Ca_desig_scaffold	16242	[C/T]	NA
Ca_Desig_Chr_scaffold01288_16248	Ca_desig_scaffold	16248	[G/T]	NA
Ca_Desig_Chr_scaffold01288_16259	Ca_desig_scaffold	16259	[C/G]	NA
Ca_Desig_Chr_scaffold01288_16268	Ca_desig_scaffold	16268	[T/G]	NA
Ca_Desig_Chr_scaffold01288_16272	Ca_desig_scaffold	16272	[T/A]	NA
Ca_Desig_Chr_scaffold01288_16274	Ca_desig_scaffold	16274	[G/C]	NA
Ca_Desig_Chr_scaffold01288_16275	Ca_desig_scaffold	16275	[T/G]	NA
Ca_Desig_Chr_scaffold01288_16606	Ca_desig_scaffold	16606	[T/G]	NA
Ca_Desig_Chr_scaffold01288_16621	Ca_desig_scaffold	16621	[A/C]	NA
Ca_Desig_Chr_scaffold01288_16645	Ca_desig_scaffold	16645	[C/T]	NA
Ca_Desig_Chr_scaffold01288_44549	Ca_desig_scaffold	44549	[A/C]	NA
Ca_Desig_Chr_scaffold01289_7943	Ca_desig_scaffold	7943	[A/T]	NA
Ca_Desig_Chr_scaffold01289_12629	Ca_desig_scaffold	12629	[G/A]	NA
Ca_Desig_Chr_scaffold01289_27150	Ca_desig_scaffold	27150	[T/A]	NA
Ca_Desig_Chr_scaffold01289_42358	Ca_desig_scaffold	42358	[G/A]	NA
Ca_Desig_Chr_scaffold01289_42669	Ca_desig_scaffold	42669	[T/A]	NA
Ca_Desig_Chr_scaffold01289_43639	Ca_desig_scaffold	43639	[G/T]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01289_50153	Ca_desig_scaffold	50153	[A/G]	NA
Ca_Desig_Chr_scaffold01289_51956	Ca_desig_scaffold	51956	[C/T]	NA
Ca_Desig_Chr_scaffold01289_79148	Ca_desig_scaffold	79148	[C/T]	NA
Ca_Desig_Chr_scaffold01290_17712	Ca_desig_scaffold	17712	[A/G]	NA
Ca_Desig_Chr_scaffold01290_17790	Ca_desig_scaffold	17790	[T/C]	NA
Ca_Desig_Chr_scaffold01290_17794	Ca_desig_scaffold	17794	[A/C]	NA
Ca_Desig_Chr_scaffold01290_17797	Ca_desig_scaffold	17797	[T/C]	NA
Ca_Desig_Chr_scaffold01290_17801	Ca_desig_scaffold	17801	[A/C]	NA
Ca_Desig_Chr_scaffold01290_17809	Ca_desig_scaffold	17809	[T/C]	NA
Ca_Desig_Chr_scaffold01290_17813	Ca_desig_scaffold	17813	[T/C]	NA
Ca_Desig_Chr_scaffold01290_17820	Ca_desig_scaffold	17820	[T/C]	NA
Ca_Desig_Chr_scaffold01290_17827	Ca_desig_scaffold	17827	[A/C]	NA
Ca_Desig_Chr_scaffold01290_25520	Ca_desig_scaffold	25520	[T/G]	NA
Ca_Desig_Chr_scaffold01290_25522	Ca_desig_scaffold	25522	[A/G]	NA
Ca_Desig_Chr_scaffold01290_25526	Ca_desig_scaffold	25526	[C/T]	NA
Ca_Desig_Chr_scaffold01290_32085	Ca_desig_scaffold	32085	[T/C]	NA
Ca_Desig_Chr_scaffold01290_32086	Ca_desig_scaffold	32086	[C/T]	NA
Ca_Desig_Chr_scaffold01290_32087	Ca_desig_scaffold	32087	[T/C]	NA
Ca_Desig_Chr_scaffold01290_33921	Ca_desig_scaffold	33921	[A/G]	NA
Ca_Desig_Chr_scaffold01290_33936	Ca_desig_scaffold	33936	[A/G]	NA
Ca_Desig_Chr_scaffold01290_33954	Ca_desig_scaffold	33954	[A/G]	NA
Ca_Desig_Chr_scaffold01290_49012	Ca_desig_scaffold	49012	[T/G]	NA
Ca_Desig_Chr_scaffold01290_65766	Ca_desig_scaffold	65766	[T/G]	NA
Ca_Desig_Chr_scaffold01290_72809	Ca_desig_scaffold	72809	[C/T]	NA
Ca_Desig_Chr_scaffold01290_72810	Ca_desig_scaffold	72810	[T/C]	NA
Ca_Desig_Chr_scaffold01290_72811	Ca_desig_scaffold	72811	[G/T]	NA
Ca_Desig_Chr_scaffold01291_29063	Ca_desig_scaffold	29063	[C/T]	NA
Ca_Desig_Chr_scaffold01291_45277	Ca_desig_scaffold	45277	[T/G]	NA
Ca_Desig_Chr_scaffold01291_70030	Ca_desig_scaffold	70030	[T/C]	NA
Ca_Desig_Chr_scaffold01291_70033	Ca_desig_scaffold	70033	[G/C]	NA
Ca_Desig_Chr_scaffold01291_70039	Ca_desig_scaffold	70039	[T/C]	NA
Ca_Desig_Chr_scaffold01291_70058	Ca_desig_scaffold	70058	[A/G]	NA
Ca_Desig_Chr_scaffold01292_26209	Ca_desig_scaffold	26209	[T/C]	NA
Ca_Desig_Chr_scaffold01292_26214	Ca_desig_scaffold	26214	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold01292_26235	Ca_desig_scaffold	26235	[T/C]	NA
Ca_DesigChr_scaffold01292_51466	Ca_desig_scaffold	51466	[T/G]	NA
Ca_DesigChr_scaffold01292_51626	Ca_desig_scaffold	51626	[T/C]	NA
Ca_DesigChr_scaffold01292_51638	Ca_desig_scaffold	51638	[T/C]	NA
Ca_DesigChr_scaffold01292_51651	Ca_desig_scaffold	51651	[A/G]	NA
Ca_DesigChr_scaffold01295_1485	Ca_desig_scaffold	1485	[C/T]	NA
Ca_DesigChr_scaffold01295_1500	Ca_desig_scaffold	1500	[C/G]	NA
Ca_DesigChr_scaffold01295_1520	Ca_desig_scaffold	1520	[A/G]	NA
Ca_DesigChr_scaffold01297_42157	Ca_desig_scaffold	42157	[T/C]	NA
Ca_DesigChr_scaffold01297_42221	Ca_desig_scaffold	42221	[T/C]	NA
Ca_DesigChr_scaffold01297_46441	Ca_desig_scaffold	46441	[A/G]	NA
Ca_DesigChr_scaffold01297_46451	Ca_desig_scaffold	46451	[T/C]	NA
Ca_DesigChr_scaffold01297_46460	Ca_desig_scaffold	46460	[T/C]	NA
Ca_DesigChr_scaffold01297_46470	Ca_desig_scaffold	46470	[T/C]	NA
Ca_DesigChr_scaffold01297_46474	Ca_desig_scaffold	46474	[T/C]	NA
Ca_DesigChr_scaffold01297_46475	Ca_desig_scaffold	46475	[T/C]	NA
Ca_DesigChr_scaffold01297_46476	Ca_desig_scaffold	46476	[G/T]	NA
Ca_DesigChr_scaffold01301_46168	Ca_desig_scaffold	46168	[G/C]	NA
Ca_DesigChr_scaffold01304_1056	Ca_desig_scaffold	1056	[T/C]	NA
Ca_DesigChr_scaffold01304_1075	Ca_desig_scaffold	1075	[T/G]	NA
Ca_DesigChr_scaffold01304_1082	Ca_desig_scaffold	1082	[A/C]	NA
Ca_DesigChr_scaffold01304_75016	Ca_desig_scaffold	75016	[A/G]	NA
Ca_DesigChr_scaffold01306_8398	Ca_desig_scaffold	8398	[C/A]	NA
Ca_DesigChr_scaffold01306_8482	Ca_desig_scaffold	8482	[A/C]	NA
Ca_DesigChr_scaffold01312_58362	Ca_desig_scaffold	58362	[T/C]	NA
Ca_DesigChr_scaffold01312_58364	Ca_desig_scaffold	58364	[A/G]	NA
Ca_DesigChr_scaffold01312_60904	Ca_desig_scaffold	60904	[T/G]	NA
Ca_DesigChr_scaffold01313_39964	Ca_desig_scaffold	39964	[A/C]	NA
Ca_DesigChr_scaffold01313_39981	Ca_desig_scaffold	39981	[T/G]	NA
Ca_DesigChr_scaffold01313_39984	Ca_desig_scaffold	39984	[T/G]	NA
Ca_DesigChr_scaffold01313_63419	Ca_desig_scaffold	63419	[A/T]	NA
Ca_DesigChr_scaffold01319_732	Ca_desig_scaffold	732	[T/G]	NA
Ca_DesigChr_scaffold01319_71458	Ca_desig_scaffold	71458	[T/C]	NA
Ca_DesigChr_scaffold01326_18678	Ca_desig_scaffold	18678	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01326_18720	Ca_desig_scaffold	18720	[T/C]	NA
Ca_Desig_Chr_scaffold01326_27914	Ca_desig_scaffold	27914	[G/A]	NA
Ca_Desig_Chr_scaffold01330_27512	Ca_desig_scaffold	27512	[A/G]	NA
Ca_Desig_Chr_scaffold01330_27527	Ca_desig_scaffold	27527	[T/A]	NA
Ca_Desig_Chr_scaffold01330_27549	Ca_desig_scaffold	27549	[T/C]	NA
Ca_Desig_Chr_scaffold01330_27551	Ca_desig_scaffold	27551	[A/C]	NA
Ca_Desig_Chr_scaffold01330_52099	Ca_desig_scaffold	52099	[T/A]	NA
Ca_Desig_Chr_scaffold01332_33501	Ca_desig_scaffold	33501	[C/A]	NA
Ca_Desig_Chr_scaffold01332_57693	Ca_desig_scaffold	57693	[A/G]	NA
Ca_Desig_Chr_scaffold01332_57695	Ca_desig_scaffold	57695	[T/G]	NA
Ca_Desig_Chr_scaffold01332_57700	Ca_desig_scaffold	57700	[T/G]	NA
Ca_Desig_Chr_scaffold01332_58220	Ca_desig_scaffold	58220	[A/G]	NA
Ca_Desig_Chr_scaffold01332_58278	Ca_desig_scaffold	58278	[C/T]	NA
Ca_Desig_Chr_scaffold01332_58291	Ca_desig_scaffold	58291	[A/T]	NA
Ca_Desig_Chr_scaffold01332_58306	Ca_desig_scaffold	58306	[A/C]	NA
Ca_Desig_Chr_scaffold01332_58318	Ca_desig_scaffold	58318	[A/C]	NA
Ca_Desig_Chr_scaffold01337_27976	Ca_desig_scaffold	27976	[A/G]	NA
Ca_Desig_Chr_scaffold01340_12983	Ca_desig_scaffold	12983	[T/C]	NA
Ca_Desig_Chr_scaffold01340_50869	Ca_desig_scaffold	50869	[A/T]	NA
Ca_Desig_Chr_scaffold01340_50885	Ca_desig_scaffold	50885	[A/G]	NA
Ca_Desig_Chr_scaffold01345_19354	Ca_desig_scaffold	19354	[A/G]	NA
Ca_Desig_Chr_scaffold01345_19362	Ca_desig_scaffold	19362	[T/G]	NA
Ca_Desig_Chr_scaffold01345_19366	Ca_desig_scaffold	19366	[A/T]	NA
Ca_Desig_Chr_scaffold01345_19374	Ca_desig_scaffold	19374	[A/C]	NA
Ca_Desig_Chr_scaffold01345_24126	Ca_desig_scaffold	24126	[A/G]	NA
Ca_Desig_Chr_scaffold01345_24128	Ca_desig_scaffold	24128	[A/G]	NA
Ca_Desig_Chr_scaffold01345_24145	Ca_desig_scaffold	24145	[T/C]	NA
Ca_Desig_Chr_scaffold01345_24155	Ca_desig_scaffold	24155	[T/C]	NA
Ca_Desig_Chr_scaffold01345_24185	Ca_desig_scaffold	24185	[C/G]	NA
Ca_Desig_Chr_scaffold01345_24367	Ca_desig_scaffold	24367	[C/A]	NA
Ca_Desig_Chr_scaffold01345_25195	Ca_desig_scaffold	25195	[G/A]	NA
Ca_Desig_Chr_scaffold01345_25196	Ca_desig_scaffold	25196	[A/T]	NA
Ca_Desig_Chr_scaffold01345_55381	Ca_desig_scaffold	55381	[A/G]	NA
Ca_Desig_Chr_scaffold01345_55415	Ca_desig_scaffold	55415	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01345_55417	Ca_desig_scaffold	55417	[T/C]	NA
Ca_Desig_Chr_scaffold01345_55422	Ca_desig_scaffold	55422	[T/A]	NA
Ca_Desig_Chr_scaffold01348_41833	Ca_desig_scaffold	41833	[A/C]	NA
Ca_Desig_Chr_scaffold01348_41896	Ca_desig_scaffold	41896	[T/C]	NA
Ca_Desig_Chr_scaffold01348_52778	Ca_desig_scaffold	52778	[T/G]	NA
Ca_Desig_Chr_scaffold01348_52781	Ca_desig_scaffold	52781	[T/G]	NA
Ca_Desig_Chr_scaffold01349_19747	Ca_desig_scaffold	19747	[T/C]	NA
Ca_Desig_Chr_scaffold01349_19752	Ca_desig_scaffold	19752	[T/C]	NA
Ca_Desig_Chr_scaffold01349_19762	Ca_desig_scaffold	19762	[T/C]	NA
Ca_Desig_Chr_scaffold01349_19764	Ca_desig_scaffold	19764	[A/C]	NA
Ca_Desig_Chr_scaffold01349_19779	Ca_desig_scaffold	19779	[A/T]	NA
Ca_Desig_Chr_scaffold01349_32196	Ca_desig_scaffold	32196	[T/A]	NA
Ca_Desig_Chr_scaffold01349_62141	Ca_desig_scaffold	62141	[T/G]	NA
Ca_Desig_Chr_scaffold01354_7813	Ca_desig_scaffold	7813	[C/A]	NA
Ca_Desig_Chr_scaffold01354_7814	Ca_desig_scaffold	7814	[T/G]	NA
Ca_Desig_Chr_scaffold01354_64240	Ca_desig_scaffold	64240	[T/A]	NA
Ca_Desig_Chr_scaffold01357_28303	Ca_desig_scaffold	28303	[A/G]	NA
Ca_Desig_Chr_scaffold01357_44942	Ca_desig_scaffold	44942	[T/C]	NA
Ca_Desig_Chr_scaffold01357_44946	Ca_desig_scaffold	44946	[A/G]	NA
Ca_Desig_Chr_scaffold01357_44949	Ca_desig_scaffold	44949	[T/A]	NA
Ca_Desig_Chr_scaffold01359_8551	Ca_desig_scaffold	8551	[T/G]	NA
Ca_Desig_Chr_scaffold01359_10522	Ca_desig_scaffold	10522	[C/A]	NA
Ca_Desig_Chr_scaffold01359_12936	Ca_desig_scaffold	12936	[T/G]	NA
Ca_Desig_Chr_scaffold01359_12956	Ca_desig_scaffold	12956	[T/G]	NA
Ca_Desig_Chr_scaffold01359_12961	Ca_desig_scaffold	12961	[A/C]	NA
Ca_Desig_Chr_scaffold01359_14273	Ca_desig_scaffold	14273	[A/C]	NA
Ca_Desig_Chr_scaffold01359_14282	Ca_desig_scaffold	14282	[T/C]	NA
Ca_Desig_Chr_scaffold01359_14584	Ca_desig_scaffold	14584	[G/T]	NA
Ca_Desig_Chr_scaffold01359_17854	Ca_desig_scaffold	17854	[T/C]	NA
Ca_Desig_Chr_scaffold01359_17865	Ca_desig_scaffold	17865	[A/C]	NA
Ca_Desig_Chr_scaffold01359_17875	Ca_desig_scaffold	17875	[T/C]	NA
Ca_Desig_Chr_scaffold01359_17892	Ca_desig_scaffold	17892	[A/G]	NA
Ca_Desig_Chr_scaffold01359_17914	Ca_desig_scaffold	17914	[T/C]	NA
Ca_Desig_Chr_scaffold01359_17948	Ca_desig_scaffold	17948	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01359_17966	Ca_desi_scaffold	17966	[T/A]	NA
Ca_Desi_Ch_scaffold01361_64093	Ca_desi_scaffold	64093	[A/C]	NA
Ca_Desi_Ch_scaffold01361_64111	Ca_desi_scaffold	64111	[T/C]	NA
Ca_Desi_Ch_scaffold01361_66243	Ca_desi_scaffold	66243	[A/C]	NA
Ca_Desi_Ch_scaffold01368_66961	Ca_desi_scaffold	66961	[T/G]	NA
Ca_Desi_Ch_scaffold01368_66971	Ca_desi_scaffold	66971	[T/G]	NA
Ca_Desi_Ch_scaffold01368_67014	Ca_desi_scaffold	67014	[A/G]	NA
Ca_Desi_Ch_scaffold01369_69816	Ca_desi_scaffold	69816	[A/G]	NA
Ca_Desi_Ch_scaffold01372_24040	Ca_desi_scaffold	24040	[A/G]	NA
Ca_Desi_Ch_scaffold01372_24083	Ca_desi_scaffold	24083	[A/C]	NA
Ca_Desi_Ch_scaffold01372_30012	Ca_desi_scaffold	30012	[A/G]	NA
Ca_Desi_Ch_scaffold01372_30151	Ca_desi_scaffold	30151	[C/G]	NA
Ca_Desi_Ch_scaffold01372_50036	Ca_desi_scaffold	50036	[C/T]	NA
Ca_Desi_Ch_scaffold01375_24171	Ca_desi_scaffold	24171	[A/G]	NA
Ca_Desi_Ch_scaffold01375_24184	Ca_desi_scaffold	24184	[T/C]	NA
Ca_Desi_Ch_scaffold01375_24193	Ca_desi_scaffold	24193	[T/C]	NA
Ca_Desi_Ch_scaffold01375_24196	Ca_desi_scaffold	24196	[T/C]	NA
Ca_Desi_Ch_scaffold01375_24198	Ca_desi_scaffold	24198	[A/G]	NA
Ca_Desi_Ch_scaffold01375_24207	Ca_desi_scaffold	24207	[A/C]	NA
Ca_Desi_Ch_scaffold01375_24210	Ca_desi_scaffold	24210	[A/C]	NA
Ca_Desi_Ch_scaffold01376_9533	Ca_desi_scaffold	9533	[T/G]	NA
Ca_Desi_Ch_scaffold01376_9536	Ca_desi_scaffold	9536	[A/T]	NA
Ca_Desi_Ch_scaffold01376_27450	Ca_desi_scaffold	27450	[T/G]	NA
Ca_Desi_Ch_scaffold01376_27456	Ca_desi_scaffold	27456	[A/C]	NA
Ca_Desi_Ch_scaffold01379_16922	Ca_desi_scaffold	16922	[T/C]	NA
Ca_Desi_Ch_scaffold01379_16926	Ca_desi_scaffold	16926	[A/G]	NA
Ca_Desi_Ch_scaffold01379_16935	Ca_desi_scaffold	16935	[A/G]	NA
Ca_Desi_Ch_scaffold01379_16939	Ca_desi_scaffold	16939	[T/C]	NA
Ca_Desi_Ch_scaffold01379_16946	Ca_desi_scaffold	16946	[A/G]	NA
Ca_Desi_Ch_scaffold01379_16952	Ca_desi_scaffold	16952	[T/C]	NA
Ca_Desi_Ch_scaffold01379_16956	Ca_desi_scaffold	16956	[A/T]	NA
Ca_Desi_Ch_scaffold01379_16968	Ca_desi_scaffold	16968	[A/G]	NA
Ca_Desi_Ch_scaffold01379_16973	Ca_desi_scaffold	16973	[A/C]	NA
Ca_Desi_Ch_scaffold01379_16977	Ca_desi_scaffold	16977	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01379_16988	Ca_desi_scaffold	16988	[T/C]	NA
Ca_Desi_Ch_scaffold01379_17026	Ca_desi_scaffold	17026	[T/C]	NA
Ca_Desi_Ch_scaffold01379_17036	Ca_desi_scaffold	17036	[A/C]	NA
Ca_Desi_Ch_scaffold01380_36047	Ca_desi_scaffold	36047	[T/G]	NA
Ca_Desi_Ch_scaffold01381_55122	Ca_desi_scaffold	55122	[A/T]	NA
Ca_Desi_Ch_scaffold01381_55244	Ca_desi_scaffold	55244	[A/G]	NA
Ca_Desi_Ch_scaffold01381_55341	Ca_desi_scaffold	55341	[A/G]	NA
Ca_Desi_Ch_scaffold01381_55363	Ca_desi_scaffold	55363	[T/A]	NA
Ca_Desi_Ch_scaffold01382_18727	Ca_desi_scaffold	18727	[T/C]	NA
Ca_Desi_Ch_scaffold01383_23006	Ca_desi_scaffold	23006	[T/G]	NA
Ca_Desi_Ch_scaffold01383_48250	Ca_desi_scaffold	48250	[A/G]	NA
Ca_Desi_Ch_scaffold01383_48259	Ca_desi_scaffold	48259	[A/C]	NA
Ca_Desi_Ch_scaffold01383_48282	Ca_desi_scaffold	48282	[T/A]	NA
Ca_Desi_Ch_scaffold01383_48292	Ca_desi_scaffold	48292	[T/A]	NA
Ca_Desi_Ch_scaffold01383_58938	Ca_desi_scaffold	58938	[T/C]	NA
Ca_Desi_Ch_scaffold01383_64504	Ca_desi_scaffold	64504	[T/G]	NA
Ca_Desi_Ch_scaffold01383_64509	Ca_desi_scaffold	64509	[T/A]	NA
Ca_Desi_Ch_scaffold01383_64522	Ca_desi_scaffold	64522	[T/A]	NA
Ca_Desi_Ch_scaffold01387_21705	Ca_desi_scaffold	21705	[T/G]	NA
Ca_Desi_Ch_scaffold01387_36007	Ca_desi_scaffold	36007	[A/T]	NA
Ca_Desi_Ch_scaffold01388_49102	Ca_desi_scaffold	49102	[A/C]	NA
Ca_Desi_Ch_scaffold01388_49117	Ca_desi_scaffold	49117	[A/T]	NA
Ca_Desi_Ch_scaffold01389_10293	Ca_desi_scaffold	10293	[A/C]	NA
Ca_Desi_Ch_scaffold01389_10452	Ca_desi_scaffold	10452	[A/G]	NA
Ca_Desi_Ch_scaffold01389_10476	Ca_desi_scaffold	10476	[T/C]	NA
Ca_Desi_Ch_scaffold01390_18060	Ca_desi_scaffold	18060	[T/G]	NA
Ca_Desi_Ch_scaffold01391_69752	Ca_desi_scaffold	69752	[T/G]	NA
Ca_Desi_Ch_scaffold01391_69788	Ca_desi_scaffold	69788	[A/G]	NA
Ca_Desi_Ch_scaffold01391_72729	Ca_desi_scaffold	72729	[T/G]	NA
Ca_Desi_Ch_scaffold01392_47670	Ca_desi_scaffold	47670	[A/C]	NA
Ca_Desi_Ch_scaffold01392_48063	Ca_desi_scaffold	48063	[T/C]	NA
Ca_Desi_Ch_scaffold01392_48065	Ca_desi_scaffold	48065	[T/C]	NA
Ca_Desi_Ch_scaffold01392_48076	Ca_desi_scaffold	48076	[A/G]	NA
Ca_Desi_Ch_scaffold01392_48077	Ca_desi_scaffold	48077	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01392_48084	Ca_desig_scaffold	48084	[A/T]	NA
Ca_Desig_Chr_scaffold01392_48099	Ca_desig_scaffold	48099	[A/G]	NA
Ca_Desig_Chr_scaffold01392_48111	Ca_desig_scaffold	48111	[A/G]	NA
Ca_Desig_Chr_scaffold01392_48112	Ca_desig_scaffold	48112	[C/T]	NA
Ca_Desig_Chr_scaffold01392_48113	Ca_desig_scaffold	48113	[T/G]	NA
Ca_Desig_Chr_scaffold01392_48140	Ca_desig_scaffold	48140	[A/G]	NA
Ca_Desig_Chr_scaffold01393_15887	Ca_desig_scaffold	15887	[T/C]	NA
Ca_Desig_Chr_scaffold01393_15908	Ca_desig_scaffold	15908	[A/C]	NA
Ca_Desig_Chr_scaffold01393_15919	Ca_desig_scaffold	15919	[T/C]	NA
Ca_Desig_Chr_scaffold01393_17516	Ca_desig_scaffold	17516	[A/G]	NA
Ca_Desig_Chr_scaffold01393_19519	Ca_desig_scaffold	19519	[A/G]	NA
Ca_Desig_Chr_scaffold01393_19540	Ca_desig_scaffold	19540	[T/G]	NA
Ca_Desig_Chr_scaffold01393_73675	Ca_desig_scaffold	73675	[A/T]	NA
Ca_Desig_Chr_scaffold01393_73707	Ca_desig_scaffold	73707	[G/A]	NA
Ca_Desig_Chr_scaffold01394_943	Ca_desig_scaffold	943	[A/C]	NA
Ca_Desig_Chr_scaffold01394_951	Ca_desig_scaffold	951	[T/A]	NA
Ca_Desig_Chr_scaffold01394_1025	Ca_desig_scaffold	1025	[T/G]	NA
Ca_Desig_Chr_scaffold01394_1030	Ca_desig_scaffold	1030	[T/G]	NA
Ca_Desig_Chr_scaffold01394_1082	Ca_desig_scaffold	1082	[T/G]	NA
Ca_Desig_Chr_scaffold01394_1842	Ca_desig_scaffold	1842	[T/G]	NA
Ca_Desig_Chr_scaffold01394_1885	Ca_desig_scaffold	1885	[A/G]	NA
Ca_Desig_Chr_scaffold01394_67417	Ca_desig_scaffold	67417	[G/T]	NA
Ca_Desig_Chr_scaffold01394_68387	Ca_desig_scaffold	68387	[C/A]	NA
Ca_Desig_Chr_scaffold01394_70050	Ca_desig_scaffold	70050	[T/G]	NA
Ca_Desig_Chr_scaffold01394_70140	Ca_desig_scaffold	70140	[T/G]	NA
Ca_Desig_Chr_scaffold01394_70905	Ca_desig_scaffold	70905	[T/G]	NA
Ca_Desig_Chr_scaffold01394_70914	Ca_desig_scaffold	70914	[T/C]	NA
Ca_Desig_Chr_scaffold01394_70931	Ca_desig_scaffold	70931	[A/G]	NA
Ca_Desig_Chr_scaffold01394_70937	Ca_desig_scaffold	70937	[A/G]	NA
Ca_Desig_Chr_scaffold01394_70940	Ca_desig_scaffold	70940	[T/C]	NA
Ca_Desig_Chr_scaffold01394_70958	Ca_desig_scaffold	70958	[A/G]	NA
Ca_Desig_Chr_scaffold01394_70970	Ca_desig_scaffold	70970	[T/G]	NA
Ca_Desig_Chr_scaffold01394_70974	Ca_desig_scaffold	70974	[T/C]	NA
Ca_Desig_Chr_scaffold01394_70998	Ca_desig_scaffold	70998	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold01394_71001	Ca_desig_scaffold	71001	[T/C]	NA
Ca_DesigChr_scaffold01394_71004	Ca_desig_scaffold	71004	[T/A]	NA
Ca_DesigChr_scaffold01395_35900	Ca_desig_scaffold	35900	[A/C]	NA
Ca_DesigChr_scaffold01395_35901	Ca_desig_scaffold	35901	[G/T]	NA
Ca_DesigChr_scaffold01395_35902	Ca_desig_scaffold	35902	[A/T]	NA
Ca_DesigChr_scaffold01396_33901	Ca_desig_scaffold	33901	[T/C]	NA
Ca_DesigChr_scaffold01398_2192	Ca_desig_scaffold	2192	[C/G]	NA
Ca_DesigChr_scaffold01398_47436	Ca_desig_scaffold	47436	[A/T]	NA
Ca_DesigChr_scaffold01398_47470	Ca_desig_scaffold	47470	[G/C]	NA
Ca_DesigChr_scaffold01398_47543	Ca_desig_scaffold	47543	[C/G]	NA
Ca_DesigChr_scaffold01398_47548	Ca_desig_scaffold	47548	[C/T]	NA
Ca_DesigChr_scaffold01398_47557	Ca_desig_scaffold	47557	[A/G]	NA
Ca_DesigChr_scaffold01398_48122	Ca_desig_scaffold	48122	[G/C]	NA
Ca_DesigChr_scaffold01398_48139	Ca_desig_scaffold	48139	[C/T]	NA
Ca_DesigChr_scaffold01405_55627	Ca_desig_scaffold	55627	[A/G]	NA
Ca_DesigChr_scaffold01405_55639	Ca_desig_scaffold	55639	[T/C]	NA
Ca_DesigChr_scaffold01405_55648	Ca_desig_scaffold	55648	[A/G]	NA
Ca_DesigChr_scaffold01405_55663	Ca_desig_scaffold	55663	[A/T]	NA
Ca_DesigChr_scaffold01405_67835	Ca_desig_scaffold	67835	[T/G]	NA
Ca_DesigChr_scaffold01405_67846	Ca_desig_scaffold	67846	[T/G]	NA
Ca_DesigChr_scaffold01409_7394	Ca_desig_scaffold	7394	[A/C]	NA
Ca_DesigChr_scaffold01409_7396	Ca_desig_scaffold	7396	[T/C]	NA
Ca_DesigChr_scaffold01409_19593	Ca_desig_scaffold	19593	[A/C]	NA
Ca_DesigChr_scaffold01409_24569	Ca_desig_scaffold	24569	[A/C]	NA
Ca_DesigChr_scaffold01412_36905	Ca_desig_scaffold	36905	[T/G]	NA
Ca_DesigChr_scaffold01412_36923	Ca_desig_scaffold	36923	[A/G]	NA
Ca_DesigChr_scaffold01412_46430	Ca_desig_scaffold	46430	[T/G]	NA
Ca_DesigChr_scaffold01412_51584	Ca_desig_scaffold	51584	[A/C]	NA
Ca_DesigChr_scaffold01412_51591	Ca_desig_scaffold	51591	[A/C]	NA
Ca_DesigChr_scaffold01412_51607	Ca_desig_scaffold	51607	[A/C]	NA
Ca_DesigChr_scaffold01412_51622	Ca_desig_scaffold	51622	[A/C]	NA
Ca_DesigChr_scaffold01412_51699	Ca_desig_scaffold	51699	[A/C]	NA
Ca_DesigChr_scaffold01422_44271	Ca_desig_scaffold	44271	[T/G]	NA
Ca_DesigChr_scaffold01422_44275	Ca_desig_scaffold	44275	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_scaffold01422_52789	Ca_desi_scaffold	52789	[T/G]	NA
Ca_Desi_Chr_scaffold01422_55861	Ca_desi_scaffold	55861	[A/C]	NA
Ca_Desi_Chr_scaffold01422_72006	Ca_desi_scaffold	72006	[T/C]	NA
Ca_Desi_Chr_scaffold01422_72011	Ca_desi_scaffold	72011	[A/G]	NA
Ca_Desi_Chr_scaffold01422_72013	Ca_desi_scaffold	72013	[T/C]	NA
Ca_Desi_Chr_scaffold01422_72015	Ca_desi_scaffold	72015	[T/C]	NA
Ca_Desi_Chr_scaffold01422_72046	Ca_desi_scaffold	72046	[T/C]	NA
Ca_Desi_Chr_scaffold01422_72049	Ca_desi_scaffold	72049	[A/G]	NA
Ca_Desi_Chr_scaffold01422_72051	Ca_desi_scaffold	72051	[T/C]	NA
Ca_Desi_Chr_scaffold01426_4129	Ca_desi_scaffold	4129	[A/T]	NA
Ca_Desi_Chr_scaffold01426_33295	Ca_desi_scaffold	33295	[T/G]	NA
Ca_Desi_Chr_scaffold01426_36944	Ca_desi_scaffold	36944	[A/C]	NA
Ca_Desi_Chr_scaffold01426_36957	Ca_desi_scaffold	36957	[A/C]	NA
Ca_Desi_Chr_scaffold01426_36991	Ca_desi_scaffold	36991	[T/C]	NA
Ca_Desi_Chr_scaffold01426_64586	Ca_desi_scaffold	64586	[T/G]	NA
Ca_Desi_Chr_scaffold01426_73737	Ca_desi_scaffold	73737	[C/T]	NA
Ca_Desi_Chr_scaffold01426_73768	Ca_desi_scaffold	73768	[A/G]	NA
Ca_Desi_Chr_scaffold01426_73770	Ca_desi_scaffold	73770	[A/C]	NA
Ca_Desi_Chr_scaffold01426_73786	Ca_desi_scaffold	73786	[T/C]	NA
Ca_Desi_Chr_scaffold01426_73797	Ca_desi_scaffold	73797	[A/G]	NA
Ca_Desi_Chr_scaffold01426_73802	Ca_desi_scaffold	73802	[A/C]	NA
Ca_Desi_Chr_scaffold01427_20205	Ca_desi_scaffold	20205	[T/G]	NA
Ca_Desi_Chr_scaffold01429_72645	Ca_desi_scaffold	72645	[T/A]	NA
Ca_Desi_Chr_scaffold01434_30423	Ca_desi_scaffold	30423	[A/G]	NA
Ca_Desi_Chr_scaffold01434_30426	Ca_desi_scaffold	30426	[T/C]	NA
Ca_Desi_Chr_scaffold01434_30433	Ca_desi_scaffold	30433	[A/G]	NA
Ca_Desi_Chr_scaffold01434_30455	Ca_desi_scaffold	30455	[T/C]	NA
Ca_Desi_Chr_scaffold01434_30479	Ca_desi_scaffold	30479	[A/G]	NA
Ca_Desi_Chr_scaffold01434_30482	Ca_desi_scaffold	30482	[A/C]	NA
Ca_Desi_Chr_scaffold01434_31260	Ca_desi_scaffold	31260	[A/C]	NA
Ca_Desi_Chr_scaffold01434_42484	Ca_desi_scaffold	42484	[C/A]	NA
Ca_Desi_Chr_scaffold01434_42485	Ca_desi_scaffold	42485	[T/G]	NA
Ca_Desi_Chr_scaffold01434_42486	Ca_desi_scaffold	42486	[G/A]	NA
Ca_Desi_Chr_scaffold01434_42487	Ca_desi_scaffold	42487	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold01434_42488	Ca_desi_scaffold	42488	[T/C]	NA
Ca_Desi_Chromosome_scaffold01434_47737	Ca_desi_scaffold	47737	[A/G]	NA
Ca_Desi_Chromosome_scaffold01434_47816	Ca_desi_scaffold	47816	[A/C]	NA
Ca_Desi_Chromosome_scaffold01434_47951	Ca_desi_scaffold	47951	[A/C]	NA
Ca_Desi_Chromosome_scaffold01435_18752	Ca_desi_scaffold	18752	[T/A]	NA
Ca_Desi_Chromosome_scaffold01435_18757	Ca_desi_scaffold	18757	[A/T]	NA
Ca_Desi_Chromosome_scaffold01435_18785	Ca_desi_scaffold	18785	[T/A]	NA
Ca_Desi_Chromosome_scaffold01435_18787	Ca_desi_scaffold	18787	[T/C]	NA
Ca_Desi_Chromosome_scaffold01435_18803	Ca_desi_scaffold	18803	[A/G]	NA
Ca_Desi_Chromosome_scaffold01438_24837	Ca_desi_scaffold	24837	[T/C]	NA
Ca_Desi_Chromosome_scaffold01441_36056	Ca_desi_scaffold	36056	[T/G]	NA
Ca_Desi_Chromosome_scaffold01442_60586	Ca_desi_scaffold	60586	[A/C]	NA
Ca_Desi_Chromosome_scaffold01444_11709	Ca_desi_scaffold	11709	[T/G]	NA
Ca_Desi_Chromosome_scaffold01444_11723	Ca_desi_scaffold	11723	[A/C]	NA
Ca_Desi_Chromosome_scaffold01447_40324	Ca_desi_scaffold	40324	[A/C]	NA
Ca_Desi_Chromosome_scaffold01447_40346	Ca_desi_scaffold	40346	[T/G]	NA
Ca_Desi_Chromosome_scaffold01447_40353	Ca_desi_scaffold	40353	[A/C]	NA
Ca_Desi_Chromosome_scaffold01447_40370	Ca_desi_scaffold	40370	[T/A]	NA
Ca_Desi_Chromosome_scaffold01448_23865	Ca_desi_scaffold	23865	[A/C]	NA
Ca_Desi_Chromosome_scaffold01448_23883	Ca_desi_scaffold	23883	[A/G]	NA
Ca_Desi_Chromosome_scaffold01448_23885	Ca_desi_scaffold	23885	[T/G]	NA
Ca_Desi_Chromosome_scaffold01448_23897	Ca_desi_scaffold	23897	[C/T]	NA
Ca_Desi_Chromosome_scaffold01448_45877	Ca_desi_scaffold	45877	[T/G]	NA
Ca_Desi_Chromosome_scaffold01448_46069	Ca_desi_scaffold	46069	[A/T]	NA
Ca_Desi_Chromosome_scaffold01453_18991	Ca_desi_scaffold	18991	[A/G]	NA
Ca_Desi_Chromosome_scaffold01455_16491	Ca_desi_scaffold	16491	[A/T]	NA
Ca_Desi_Chromosome_scaffold01455_16499	Ca_desi_scaffold	16499	[T/C]	NA
Ca_Desi_Chromosome_scaffold01455_16502	Ca_desi_scaffold	16502	[T/A]	NA
Ca_Desi_Chromosome_scaffold01455_16515	Ca_desi_scaffold	16515	[A/G]	NA
Ca_Desi_Chromosome_scaffold01455_16522	Ca_desi_scaffold	16522	[A/G]	NA
Ca_Desi_Chromosome_scaffold01455_16526	Ca_desi_scaffold	16526	[T/C]	NA
Ca_Desi_Chromosome_scaffold01455_16536	Ca_desi_scaffold	16536	[G/A]	NA
Ca_Desi_Chromosome_scaffold01455_16538	Ca_desi_scaffold	16538	[T/G]	NA
Ca_Desi_Chromosome_scaffold01457_51359	Ca_desi_scaffold	51359	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01465_30021	Ca_desi_scaffold	30021	[A/T]	NA
Ca_Desi_Ch_scaffold01465_66924	Ca_desi_scaffold	66924	[T/C]	NA
Ca_Desi_Ch_scaffold01466_49502	Ca_desi_scaffold	49502	[T/C]	NA
Ca_Desi_Ch_scaffold01466_57673	Ca_desi_scaffold	57673	[G/T]	NA
Ca_Desi_Ch_scaffold01466_57682	Ca_desi_scaffold	57682	[C/A]	NA
Ca_Desi_Ch_scaffold01471_46132	Ca_desi_scaffold	46132	[A/C]	NA
Ca_Desi_Ch_scaffold01471_46241	Ca_desi_scaffold	46241	[T/C]	NA
Ca_Desi_Ch_scaffold01471_54113	Ca_desi_scaffold	54113	[T/C]	NA
Ca_Desi_Ch_scaffold01471_56868	Ca_desi_scaffold	56868	[A/T]	NA
Ca_Desi_Ch_scaffold01471_57257	Ca_desi_scaffold	57257	[T/A]	NA
Ca_Desi_Ch_scaffold01471_67217	Ca_desi_scaffold	67217	[T/C]	NA
Ca_Desi_Ch_scaffold01472_43689	Ca_desi_scaffold	43689	[C/T]	NA
Ca_Desi_Ch_scaffold01472_43696	Ca_desi_scaffold	43696	[C/T]	NA
Ca_Desi_Ch_scaffold01477_42164	Ca_desi_scaffold	42164	[T/A]	NA
Ca_Desi_Ch_scaffold01477_45871	Ca_desi_scaffold	45871	[A/C]	NA
Ca_Desi_Ch_scaffold01477_68662	Ca_desi_scaffold	68662	[A/T]	NA
Ca_Desi_Ch_scaffold01477_68680	Ca_desi_scaffold	68680	[A/G]	NA
Ca_Desi_Ch_scaffold01478_47181	Ca_desi_scaffold	47181	[T/G]	NA
Ca_Desi_Ch_scaffold01478_47236	Ca_desi_scaffold	47236	[A/G]	NA
Ca_Desi_Ch_scaffold01478_47244	Ca_desi_scaffold	47244	[A/G]	NA
Ca_Desi_Ch_scaffold01478_53217	Ca_desi_scaffold	53217	[A/C]	NA
Ca_Desi_Ch_scaffold01478_53224	Ca_desi_scaffold	53224	[T/C]	NA
Ca_Desi_Ch_scaffold01478_58200	Ca_desi_scaffold	58200	[T/C]	NA
Ca_Desi_Ch_scaffold01478_58210	Ca_desi_scaffold	58210	[T/G]	NA
Ca_Desi_Ch_scaffold01478_58225	Ca_desi_scaffold	58225	[A/G]	NA
Ca_Desi_Ch_scaffold01478_58228	Ca_desi_scaffold	58228	[T/A]	NA
Ca_Desi_Ch_scaffold01478_59058	Ca_desi_scaffold	59058	[A/C]	NA
Ca_Desi_Ch_scaffold01479_41916	Ca_desi_scaffold	41916	[A/G]	NA
Ca_Desi_Ch_scaffold01484_25791	Ca_desi_scaffold	25791	[A/T]	NA
Ca_Desi_Ch_scaffold01484_25887	Ca_desi_scaffold	25887	[T/G]	NA
Ca_Desi_Ch_scaffold01484_25904	Ca_desi_scaffold	25904	[A/G]	NA
Ca_Desi_Ch_scaffold01484_36526	Ca_desi_scaffold	36526	[A/G]	NA
Ca_Desi_Ch_scaffold01484_47193	Ca_desi_scaffold	47193	[A/C]	NA
Ca_Desi_Ch_scaffold01484_47403	Ca_desi_scaffold	47403	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold01484_47454	Ca_desi_scaffold	47454	[C/G]	NA
Ca_Desi_Chromosome_scaffold01484_47460	Ca_desi_scaffold	47460	[T/C]	NA
Ca_Desi_Chromosome_scaffold01484_47472	Ca_desi_scaffold	47472	[A/C]	NA
Ca_Desi_Chromosome_scaffold01484_47478	Ca_desi_scaffold	47478	[A/C]	NA
Ca_Desi_Chromosome_scaffold01484_47481	Ca_desi_scaffold	47481	[A/C]	NA
Ca_Desi_Chromosome_scaffold01484_47484	Ca_desi_scaffold	47484	[A/C]	NA
Ca_Desi_Chromosome_scaffold01484_47511	Ca_desi_scaffold	47511	[A/C]	NA
Ca_Desi_Chromosome_scaffold01484_47514	Ca_desi_scaffold	47514	[T/C]	NA
Ca_Desi_Chromosome_scaffold01485_15931	Ca_desi_scaffold	15931	[A/T]	NA
Ca_Desi_Chromosome_scaffold01485_15955	Ca_desi_scaffold	15955	[A/G]	NA
Ca_Desi_Chromosome_scaffold01485_15960	Ca_desi_scaffold	15960	[A/C]	NA
Ca_Desi_Chromosome_scaffold01485_15991	Ca_desi_scaffold	15991	[T/A]	NA
Ca_Desi_Chromosome_scaffold01485_17870	Ca_desi_scaffold	17870	[T/G]	NA
Ca_Desi_Chromosome_scaffold01485_17872	Ca_desi_scaffold	17872	[T/G]	NA
Ca_Desi_Chromosome_scaffold01485_17880	Ca_desi_scaffold	17880	[T/C]	NA
Ca_Desi_Chromosome_scaffold01485_17910	Ca_desi_scaffold	17910	[A/G]	NA
Ca_Desi_Chromosome_scaffold01485_20749	Ca_desi_scaffold	20749	[T/A]	NA
Ca_Desi_Chromosome_scaffold01485_66043	Ca_desi_scaffold	66043	[A/G]	NA
Ca_Desi_Chromosome_scaffold01485_66132	Ca_desi_scaffold	66132	[A/C]	NA
Ca_Desi_Chromosome_scaffold01497_65314	Ca_desi_scaffold	65314	[T/A]	NA
Ca_Desi_Chromosome_scaffold01497_65323	Ca_desi_scaffold	65323	[T/G]	NA
Ca_Desi_Chromosome_scaffold01497_65339	Ca_desi_scaffold	65339	[T/G]	NA
Ca_Desi_Chromosome_scaffold01498_25822	Ca_desi_scaffold	25822	[A/G]	NA
Ca_Desi_Chromosome_scaffold01498_25849	Ca_desi_scaffold	25849	[A/C]	NA
Ca_Desi_Chromosome_scaffold01498_29290	Ca_desi_scaffold	29290	[A/C]	NA
Ca_Desi_Chromosome_scaffold01498_48706	Ca_desi_scaffold	48706	[A/T]	NA
Ca_Desi_Chromosome_scaffold01498_51436	Ca_desi_scaffold	51436	[A/G]	NA
Ca_Desi_Chromosome_scaffold01498_51800	Ca_desi_scaffold	51800	[T/C]	NA
Ca_Desi_Chromosome_scaffold01498_51809	Ca_desi_scaffold	51809	[A/G]	NA
Ca_Desi_Chromosome_scaffold01498_51826	Ca_desi_scaffold	51826	[T/C]	NA
Ca_Desi_Chromosome_scaffold01498_51832	Ca_desi_scaffold	51832	[A/C]	NA
Ca_Desi_Chromosome_scaffold01498_51835	Ca_desi_scaffold	51835	[T/C]	NA
Ca_Desi_Chromosome_scaffold01498_51845	Ca_desi_scaffold	51845	[T/C]	NA
Ca_Desi_Chromosome_scaffold01504_18401	Ca_desi_scaffold	18401	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01504_18404	Ca_desig_scaffold	18404	[A/C]	NA
Ca_Desig_Chr_scaffold01504_18406	Ca_desig_scaffold	18406	[T/C]	NA
Ca_Desig_Chr_scaffold01504_18423	Ca_desig_scaffold	18423	[A/G]	NA
Ca_Desig_Chr_scaffold01504_18441	Ca_desig_scaffold	18441	[A/G]	NA
Ca_Desig_Chr_scaffold01506_16462	Ca_desig_scaffold	16462	[T/G]	NA
Ca_Desig_Chr_scaffold01506_37529	Ca_desig_scaffold	37529	[T/C]	NA
Ca_Desig_Chr_scaffold01506_37537	Ca_desig_scaffold	37537	[T/C]	NA
Ca_Desig_Chr_scaffold01506_37539	Ca_desig_scaffold	37539	[A/C]	NA
Ca_Desig_Chr_scaffold01520_4780	Ca_desig_scaffold	4780	[C/T]	NA
Ca_Desig_Chr_scaffold01520_21629	Ca_desig_scaffold	21629	[A/C]	NA
Ca_Desig_Chr_scaffold01520_21630	Ca_desig_scaffold	21630	[G/C]	NA
Ca_Desig_Chr_scaffold01520_21631	Ca_desig_scaffold	21631	[A/T]	NA
Ca_Desig_Chr_scaffold01520_21632	Ca_desig_scaffold	21632	[T/G]	NA
Ca_Desig_Chr_scaffold01520_26244	Ca_desig_scaffold	26244	[A/G]	NA
Ca_Desig_Chr_scaffold01520_26261	Ca_desig_scaffold	26261	[A/C]	NA
Ca_Desig_Chr_scaffold01520_26263	Ca_desig_scaffold	26263	[T/C]	NA
Ca_Desig_Chr_scaffold01520_49335	Ca_desig_scaffold	49335	[A/C]	NA
Ca_Desig_Chr_scaffold01522_31924	Ca_desig_scaffold	31924	[T/C]	NA
Ca_Desig_Chr_scaffold01522_35094	Ca_desig_scaffold	35094	[T/A]	NA
Ca_Desig_Chr_scaffold01522_35565	Ca_desig_scaffold	35565	[T/C]	NA
Ca_Desig_Chr_scaffold01523_26687	Ca_desig_scaffold	26687	[T/A]	NA
Ca_Desig_Chr_scaffold01523_53503	Ca_desig_scaffold	53503	[A/T]	NA
Ca_Desig_Chr_scaffold01527_3447	Ca_desig_scaffold	3447	[T/G]	NA
Ca_Desig_Chr_scaffold01527_3525	Ca_desig_scaffold	3525	[A/C]	NA
Ca_Desig_Chr_scaffold01527_26644	Ca_desig_scaffold	26644	[C/A]	NA
Ca_Desig_Chr_scaffold01527_26645	Ca_desig_scaffold	26645	[T/G]	NA
Ca_Desig_Chr_scaffold01531_17637	Ca_desig_scaffold	17637	[A/G]	NA
Ca_Desig_Chr_scaffold01531_17642	Ca_desig_scaffold	17642	[A/G]	NA
Ca_Desig_Chr_scaffold01531_17649	Ca_desig_scaffold	17649	[A/G]	NA
Ca_Desig_Chr_scaffold01531_17657	Ca_desig_scaffold	17657	[T/G]	NA
Ca_Desig_Chr_scaffold01531_17659	Ca_desig_scaffold	17659	[C/T]	NA
Ca_Desig_Chr_scaffold01531_17661	Ca_desig_scaffold	17661	[A/G]	NA
Ca_Desig_Chr_scaffold01531_17663	Ca_desig_scaffold	17663	[A/G]	NA
Ca_Desig_Chr_scaffold01531_31485	Ca_desig_scaffold	31485	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01531_40611	Ca_desig_scaffold	40611	[T/C]	NA
Ca_Desig_Chr_scaffold01531_41122	Ca_desig_scaffold	41122	[T/C]	NA
Ca_Desig_Chr_scaffold01531_41314	Ca_desig_scaffold	41314	[C/G]	NA
Ca_Desig_Chr_scaffold01531_41315	Ca_desig_scaffold	41315	[A/G]	NA
Ca_Desig_Chr_scaffold01531_46040	Ca_desig_scaffold	46040	[A/G]	NA
Ca_Desig_Chr_scaffold01531_58468	Ca_desig_scaffold	58468	[T/C]	NA
Ca_Desig_Chr_scaffold01531_58501	Ca_desig_scaffold	58501	[A/G]	NA
Ca_Desig_Chr_scaffold01531_59068	Ca_desig_scaffold	59068	[T/G]	NA
Ca_Desig_Chr_scaffold01531_59069	Ca_desig_scaffold	59069	[A/T]	NA
Ca_Desig_Chr_scaffold01531_59089	Ca_desig_scaffold	59089	[T/G]	NA
Ca_Desig_Chr_scaffold01531_60108	Ca_desig_scaffold	60108	[T/C]	NA
Ca_Desig_Chr_scaffold01531_61500	Ca_desig_scaffold	61500	[T/C]	NA
Ca_Desig_Chr_scaffold01531_61503	Ca_desig_scaffold	61503	[T/C]	NA
Ca_Desig_Chr_scaffold01531_61512	Ca_desig_scaffold	61512	[T/C]	NA
Ca_Desig_Chr_scaffold01531_62239	Ca_desig_scaffold	62239	[T/C]	NA
Ca_Desig_Chr_scaffold01531_62248	Ca_desig_scaffold	62248	[T/C]	NA
Ca_Desig_Chr_scaffold01531_62251	Ca_desig_scaffold	62251	[A/C]	NA
Ca_Desig_Chr_scaffold01531_62328	Ca_desig_scaffold	62328	[A/C]	NA
Ca_Desig_Chr_scaffold01531_62331	Ca_desig_scaffold	62331	[A/C]	NA
Ca_Desig_Chr_scaffold01535_48203	Ca_desig_scaffold	48203	[A/T]	NA
Ca_Desig_Chr_scaffold01535_48206	Ca_desig_scaffold	48206	[A/G]	NA
Ca_Desig_Chr_scaffold01535_48230	Ca_desig_scaffold	48230	[G/A]	NA
Ca_Desig_Chr_scaffold01539_25296	Ca_desig_scaffold	25296	[G/A]	NA
Ca_Desig_Chr_scaffold01539_32807	Ca_desig_scaffold	32807	[T/A]	NA
Ca_Desig_Chr_scaffold01539_32816	Ca_desig_scaffold	32816	[A/G]	NA
Ca_Desig_Chr_scaffold01539_32829	Ca_desig_scaffold	32829	[G/C]	NA
Ca_Desig_Chr_scaffold01539_32830	Ca_desig_scaffold	32830	[A/G]	NA
Ca_Desig_Chr_scaffold01540_876	Ca_desig_scaffold	876	[A/T]	NA
Ca_Desig_Chr_scaffold01540_55407	Ca_desig_scaffold	55407	[T/C]	NA
Ca_Desig_Chr_scaffold01540_55425	Ca_desig_scaffold	55425	[A/G]	NA
Ca_Desig_Chr_scaffold01540_55431	Ca_desig_scaffold	55431	[A/C]	NA
Ca_Desig_Chr_scaffold01540_55441	Ca_desig_scaffold	55441	[A/G]	NA
Ca_Desig_Chr_scaffold01540_55444	Ca_desig_scaffold	55444	[T/C]	NA
Ca_Desig_Chr_scaffold01544_17635	Ca_desig_scaffold	17635	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01544_17646	Ca_desi_scaffold	17646	[T/C]	NA
Ca_Desi_Ch_scaffold01544_17648	Ca_desi_scaffold	17648	[A/G]	NA
Ca_Desi_Ch_scaffold01544_17652	Ca_desi_scaffold	17652	[T/C]	NA
Ca_Desi_Ch_scaffold01544_17682	Ca_desi_scaffold	17682	[T/A]	NA
Ca_Desi_Ch_scaffold01544_21835	Ca_desi_scaffold	21835	[A/T]	NA
Ca_Desi_Ch_scaffold01544_59952	Ca_desi_scaffold	59952	[T/G]	NA
Ca_Desi_Ch_scaffold01546_44858	Ca_desi_scaffold	44858	[T/C]	NA
Ca_Desi_Ch_scaffold01546_44877	Ca_desi_scaffold	44877	[A/G]	NA
Ca_Desi_Ch_scaffold01548_29248	Ca_desi_scaffold	29248	[T/G]	NA
Ca_Desi_Ch_scaffold01549_55101	Ca_desi_scaffold	55101	[T/G]	NA
Ca_Desi_Ch_scaffold01549_62415	Ca_desi_scaffold	62415	[T/G]	NA
Ca_Desi_Ch_scaffold01553_9038	Ca_desi_scaffold	9038	[G/A]	NA
Ca_Desi_Ch_scaffold01553_9049	Ca_desi_scaffold	9049	[G/A]	NA
Ca_Desi_Ch_scaffold01553_9062	Ca_desi_scaffold	9062	[A/G]	NA
Ca_Desi_Ch_scaffold01553_9072	Ca_desi_scaffold	9072	[T/C]	NA
Ca_Desi_Ch_scaffold01555_57802	Ca_desi_scaffold	57802	[C/T]	NA
Ca_Desi_Ch_scaffold01555_57814	Ca_desi_scaffold	57814	[T/A]	NA
Ca_Desi_Ch_scaffold01555_57826	Ca_desi_scaffold	57826	[T/A]	NA
Ca_Desi_Ch_scaffold01555_57835	Ca_desi_scaffold	57835	[T/A]	NA
Ca_Desi_Ch_scaffold01558_31648	Ca_desi_scaffold	31648	[T/C]	NA
Ca_Desi_Ch_scaffold01560_46166	Ca_desi_scaffold	46166	[T/G]	NA
Ca_Desi_Ch_scaffold01560_46170	Ca_desi_scaffold	46170	[G/A]	NA
Ca_Desi_Ch_scaffold01560_46196	Ca_desi_scaffold	46196	[T/C]	NA
Ca_Desi_Ch_scaffold01570_52822	Ca_desi_scaffold	52822	[T/G]	NA
Ca_Desi_Ch_scaffold01570_53071	Ca_desi_scaffold	53071	[A/T]	NA
Ca_Desi_Ch_scaffold01575_19342	Ca_desi_scaffold	19342	[T/G]	NA
Ca_Desi_Ch_scaffold01575_19385	Ca_desi_scaffold	19385	[A/T]	NA
Ca_Desi_Ch_scaffold01576_64293	Ca_desi_scaffold	64293	[C/T]	NA
Ca_Desi_Ch_scaffold01578_40911	Ca_desi_scaffold	40911	[T/G]	NA
Ca_Desi_Ch_scaffold01583_14688	Ca_desi_scaffold	14688	[A/G]	NA
Ca_Desi_Ch_scaffold01583_14703	Ca_desi_scaffold	14703	[A/G]	NA
Ca_Desi_Ch_scaffold01583_43893	Ca_desi_scaffold	43893	[C/T]	NA
Ca_Desi_Ch_scaffold01586_2236	Ca_desi_scaffold	2236	[T/G]	NA
Ca_Desi_Ch_scaffold01586_2242	Ca_desi_scaffold	2242	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold01586_2265	Ca_desig_scaffold	2265	[T/C]	NA
Ca_DesigChr_scaffold01586_2272	Ca_desig_scaffold	2272	[A/G]	NA
Ca_DesigChr_scaffold01586_41166	Ca_desig_scaffold	41166	[T/C]	NA
Ca_DesigChr_scaffold01586_41172	Ca_desig_scaffold	41172	[A/C]	NA
Ca_DesigChr_scaffold01586_41178	Ca_desig_scaffold	41178	[G/C]	NA
Ca_DesigChr_scaffold01586_41185	Ca_desig_scaffold	41185	[T/G]	NA
Ca_DesigChr_scaffold01586_41202	Ca_desig_scaffold	41202	[A/G]	NA
Ca_DesigChr_scaffold01586_41204	Ca_desig_scaffold	41204	[T/C]	NA
Ca_DesigChr_scaffold01586_41217	Ca_desig_scaffold	41217	[A/G]	NA
Ca_DesigChr_scaffold01586_41227	Ca_desig_scaffold	41227	[T/A]	NA
Ca_DesigChr_scaffold01586_41530	Ca_desig_scaffold	41530	[A/T]	NA
Ca_DesigChr_scaffold01586_41547	Ca_desig_scaffold	41547	[T/C]	NA
Ca_DesigChr_scaffold01586_41551	Ca_desig_scaffold	41551	[A/C]	NA
Ca_DesigChr_scaffold01586_41560	Ca_desig_scaffold	41560	[T/C]	NA
Ca_DesigChr_scaffold01586_41569	Ca_desig_scaffold	41569	[T/C]	NA
Ca_DesigChr_scaffold01586_41572	Ca_desig_scaffold	41572	[A/G]	NA
Ca_DesigChr_scaffold01588_7848	Ca_desig_scaffold	7848	[A/C]	NA
Ca_DesigChr_scaffold01589_25170	Ca_desig_scaffold	25170	[A/C]	NA
Ca_DesigChr_scaffold01589_25188	Ca_desig_scaffold	25188	[C/T]	NA
Ca_DesigChr_scaffold01594_36146	Ca_desig_scaffold	36146	[T/G]	NA
Ca_DesigChr_scaffold01597_45255	Ca_desig_scaffold	45255	[T/C]	NA
Ca_DesigChr_scaffold01597_60566	Ca_desig_scaffold	60566	[A/G]	NA
Ca_DesigChr_scaffold01600_22158	Ca_desig_scaffold	22158	[A/T]	NA
Ca_DesigChr_scaffold01600_22177	Ca_desig_scaffold	22177	[A/G]	NA
Ca_DesigChr_scaffold01600_22199	Ca_desig_scaffold	22199	[T/C]	NA
Ca_DesigChr_scaffold01600_30784	Ca_desig_scaffold	30784	[A/C]	NA
Ca_DesigChr_scaffold01603_33297	Ca_desig_scaffold	33297	[C/A]	NA
Ca_DesigChr_scaffold01604_26382	Ca_desig_scaffold	26382	[T/C]	NA
Ca_DesigChr_scaffold01605_10976	Ca_desig_scaffold	10976	[T/G]	NA
Ca_DesigChr_scaffold01608_17073	Ca_desig_scaffold	17073	[A/C]	NA
Ca_DesigChr_scaffold01609_14794	Ca_desig_scaffold	14794	[A/C]	NA
Ca_DesigChr_scaffold01609_14795	Ca_desig_scaffold	14795	[G/T]	NA
Ca_DesigChr_scaffold01609_14799	Ca_desig_scaffold	14799	[G/C]	NA
Ca_DesigChr_scaffold01609_14800	Ca_desig_scaffold	14800	[G/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01619_44790	Ca_desi_scaffold	44790	[T/C]	NA
Ca_Desi_Ch_scaffold01619_61722	Ca_desi_scaffold	61722	[A/G]	NA
Ca_Desi_Ch_scaffold01619_61735	Ca_desi_scaffold	61735	[C/T]	NA
Ca_Desi_Ch_scaffold01619_61739	Ca_desi_scaffold	61739	[G/A]	NA
Ca_Desi_Ch_scaffold01619_61745	Ca_desi_scaffold	61745	[A/G]	NA
Ca_Desi_Ch_scaffold01623_7339	Ca_desi_scaffold	7339	[A/C]	NA
Ca_Desi_Ch_scaffold01623_7342	Ca_desi_scaffold	7342	[A/C]	NA
Ca_Desi_Ch_scaffold01623_7363	Ca_desi_scaffold	7363	[A/G]	NA
Ca_Desi_Ch_scaffold01623_7378	Ca_desi_scaffold	7378	[T/C]	NA
Ca_Desi_Ch_scaffold01624_35479	Ca_desi_scaffold	35479	[T/G]	NA
Ca_Desi_Ch_scaffold01624_35497	Ca_desi_scaffold	35497	[T/G]	NA
Ca_Desi_Ch_scaffold01624_35522	Ca_desi_scaffold	35522	[A/C]	NA
Ca_Desi_Ch_scaffold01624_35538	Ca_desi_scaffold	35538	[A/C]	NA
Ca_Desi_Ch_scaffold01624_35559	Ca_desi_scaffold	35559	[C/T]	NA
Ca_Desi_Ch_scaffold01624_52339	Ca_desi_scaffold	52339	[A/C]	NA
Ca_Desi_Ch_scaffold01624_52352	Ca_desi_scaffold	52352	[A/G]	NA
Ca_Desi_Ch_scaffold01626_51208	Ca_desi_scaffold	51208	[T/G]	NA
Ca_Desi_Ch_scaffold01626_51459	Ca_desi_scaffold	51459	[A/C]	NA
Ca_Desi_Ch_scaffold01626_51507	Ca_desi_scaffold	51507	[A/G]	NA
Ca_Desi_Ch_scaffold01626_51514	Ca_desi_scaffold	51514	[A/G]	NA
Ca_Desi_Ch_scaffold01626_51521	Ca_desi_scaffold	51521	[T/G]	NA
Ca_Desi_Ch_scaffold01626_51530	Ca_desi_scaffold	51530	[T/G]	NA
Ca_Desi_Ch_scaffold01629_54889	Ca_desi_scaffold	54889	[T/G]	NA
Ca_Desi_Ch_scaffold01629_54960	Ca_desi_scaffold	54960	[A/C]	NA
Ca_Desi_Ch_scaffold01631_34201	Ca_desi_scaffold	34201	[T/G]	NA
Ca_Desi_Ch_scaffold01631_34202	Ca_desi_scaffold	34202	[C/A]	NA
Ca_Desi_Ch_scaffold01631_34203	Ca_desi_scaffold	34203	[T/G]	NA
Ca_Desi_Ch_scaffold01651_26498	Ca_desi_scaffold	26498	[T/C]	NA
Ca_Desi_Ch_scaffold01654_41004	Ca_desi_scaffold	41004	[T/C]	NA
Ca_Desi_Ch_scaffold01656_2485	Ca_desi_scaffold	2485	[T/A]	NA
Ca_Desi_Ch_scaffold01657_57703	Ca_desi_scaffold	57703	[T/G]	NA
Ca_Desi_Ch_scaffold01658_55321	Ca_desi_scaffold	55321	[C/G]	NA
Ca_Desi_Ch_scaffold01660_37070	Ca_desi_scaffold	37070	[C/A]	NA
Ca_Desi_Ch_scaffold01660_37071	Ca_desi_scaffold	37071	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold01660_37072	Ca_desig_scaffold	37072	[T/A]	NA
Ca_DesigChr_scaffold01660_37073	Ca_desig_scaffold	37073	[A/C]	NA
Ca_DesigChr_scaffold01660_37081	Ca_desig_scaffold	37081	[C/G]	NA
Ca_DesigChr_scaffold01660_41603	Ca_desig_scaffold	41603	[T/A]	NA
Ca_DesigChr_scaffold01665_23394	Ca_desig_scaffold	23394	[A/C]	NA
Ca_DesigChr_scaffold01667_33589	Ca_desig_scaffold	33589	[T/C]	NA
Ca_DesigChr_scaffold01667_33591	Ca_desig_scaffold	33591	[A/T]	NA
Ca_DesigChr_scaffold01670_1615	Ca_desig_scaffold	1615	[T/C]	NA
Ca_DesigChr_scaffold01670_19126	Ca_desig_scaffold	19126	[A/C]	NA
Ca_DesigChr_scaffold01670_43600	Ca_desig_scaffold	43600	[T/G]	NA
Ca_DesigChr_scaffold01670_43665	Ca_desig_scaffold	43665	[A/G]	NA
Ca_DesigChr_scaffold01676_25908	Ca_desig_scaffold	25908	[T/G]	NA
Ca_DesigChr_scaffold01678_51569	Ca_desig_scaffold	51569	[A/C]	NA
Ca_DesigChr_scaffold01678_51583	Ca_desig_scaffold	51583	[A/C]	NA
Ca_DesigChr_scaffold01678_54685	Ca_desig_scaffold	54685	[A/G]	NA
Ca_DesigChr_scaffold01678_54689	Ca_desig_scaffold	54689	[T/G]	NA
Ca_DesigChr_scaffold01678_54695	Ca_desig_scaffold	54695	[T/G]	NA
Ca_DesigChr_scaffold01678_54701	Ca_desig_scaffold	54701	[T/G]	NA
Ca_DesigChr_scaffold01678_54704	Ca_desig_scaffold	54704	[A/G]	NA
Ca_DesigChr_scaffold01678_54719	Ca_desig_scaffold	54719	[T/G]	NA
Ca_DesigChr_scaffold01687_32411	Ca_desig_scaffold	32411	[T/C]	NA
Ca_DesigChr_scaffold01687_32412	Ca_desig_scaffold	32412	[T/C]	NA
Ca_DesigChr_scaffold01687_32435	Ca_desig_scaffold	32435	[G/C]	NA
Ca_DesigChr_scaffold01694_933	Ca_desig_scaffold	933	[T/A]	NA
Ca_DesigChr_scaffold01694_1105	Ca_desig_scaffold	1105	[G/T]	NA
Ca_DesigChr_scaffold01694_1109	Ca_desig_scaffold	1109	[T/G]	NA
Ca_DesigChr_scaffold01694_1122	Ca_desig_scaffold	1122	[A/C]	NA
Ca_DesigChr_scaffold01694_4576	Ca_desig_scaffold	4576	[T/G]	NA
Ca_DesigChr_scaffold01694_18650	Ca_desig_scaffold	18650	[A/T]	NA
Ca_DesigChr_scaffold01694_18651	Ca_desig_scaffold	18651	[A/T]	NA
Ca_DesigChr_scaffold01694_18664	Ca_desig_scaffold	18664	[A/C]	NA
Ca_DesigChr_scaffold01694_18686	Ca_desig_scaffold	18686	[G/C]	NA
Ca_DesigChr_scaffold01694_18691	Ca_desig_scaffold	18691	[A/G]	NA
Ca_DesigChr_scaffold01694_53973	Ca_desig_scaffold	53973	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01694_53974	Ca_desig_scaffold	53974	[G/T]	NA
Ca_Desig_Chr_scaffold01694_53976	Ca_desig_scaffold	53976	[G/T]	NA
Ca_Desig_Chr_scaffold01694_53977	Ca_desig_scaffold	53977	[T/G]	NA
Ca_Desig_Chr_scaffold01698_19192	Ca_desig_scaffold	19192	[A/C]	NA
Ca_Desig_Chr_scaffold01698_19220	Ca_desig_scaffold	19220	[A/G]	NA
Ca_Desig_Chr_scaffold01698_19229	Ca_desig_scaffold	19229	[T/G]	NA
Ca_Desig_Chr_scaffold01706_9907	Ca_desig_scaffold	9907	[T/A]	NA
Ca_Desig_Chr_scaffold01706_9978	Ca_desig_scaffold	9978	[T/G]	NA
Ca_Desig_Chr_scaffold01706_10002	Ca_desig_scaffold	10002	[T/A]	NA
Ca_Desig_Chr_scaffold01706_45965	Ca_desig_scaffold	45965	[A/C]	NA
Ca_Desig_Chr_scaffold01706_46045	Ca_desig_scaffold	46045	[A/G]	NA
Ca_Desig_Chr_scaffold01706_46123	Ca_desig_scaffold	46123	[T/C]	NA
Ca_Desig_Chr_scaffold01706_46136	Ca_desig_scaffold	46136	[C/A]	NA
Ca_Desig_Chr_scaffold01706_46138	Ca_desig_scaffold	46138	[A/G]	NA
Ca_Desig_Chr_scaffold01706_56832	Ca_desig_scaffold	56832	[C/T]	NA
Ca_Desig_Chr_scaffold01706_56843	Ca_desig_scaffold	56843	[G/A]	NA
Ca_Desig_Chr_scaffold01706_57959	Ca_desig_scaffold	57959	[A/C]	NA
Ca_Desig_Chr_scaffold01706_58077	Ca_desig_scaffold	58077	[C/A]	NA
Ca_Desig_Chr_scaffold01708_38000	Ca_desig_scaffold	38000	[A/G]	NA
Ca_Desig_Chr_scaffold01708_38011	Ca_desig_scaffold	38011	[A/C]	NA
Ca_Desig_Chr_scaffold01708_38019	Ca_desig_scaffold	38019	[A/G]	NA
Ca_Desig_Chr_scaffold01708_38037	Ca_desig_scaffold	38037	[T/G]	NA
Ca_Desig_Chr_scaffold01708_38040	Ca_desig_scaffold	38040	[T/G]	NA
Ca_Desig_Chr_scaffold01708_38055	Ca_desig_scaffold	38055	[A/G]	NA
Ca_Desig_Chr_scaffold01708_53452	Ca_desig_scaffold	53452	[T/G]	NA
Ca_Desig_Chr_scaffold01710_52243	Ca_desig_scaffold	52243	[C/T]	NA
Ca_Desig_Chr_scaffold01711_9821	Ca_desig_scaffold	9821	[A/T]	NA
Ca_Desig_Chr_scaffold01711_38404	Ca_desig_scaffold	38404	[G/T]	NA
Ca_Desig_Chr_scaffold01712_5386	Ca_desig_scaffold	5386	[A/G]	NA
Ca_Desig_Chr_scaffold01712_6625	Ca_desig_scaffold	6625	[T/G]	NA
Ca_Desig_Chr_scaffold01712_6639	Ca_desig_scaffold	6639	[T/A]	NA
Ca_Desig_Chr_scaffold01712_6696	Ca_desig_scaffold	6696	[A/G]	NA
Ca_Desig_Chr_scaffold01712_6722	Ca_desig_scaffold	6722	[T/G]	NA
Ca_Desig_Chr_scaffold01712_56645	Ca_desig_scaffold	56645	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01712_56667	Ca_desi_scaffold	56667	[A/G]	NA
Ca_Desi_Ch_scaffold01715_5110	Ca_desi_scaffold	5110	[A/C]	NA
Ca_Desi_Ch_scaffold01717_22258	Ca_desi_scaffold	22258	[A/G]	NA
Ca_Desi_Ch_scaffold01717_22296	Ca_desi_scaffold	22296	[T/C]	NA
Ca_Desi_Ch_scaffold01717_26208	Ca_desi_scaffold	26208	[A/G]	NA
Ca_Desi_Ch_scaffold01721_18447	Ca_desi_scaffold	18447	[T/A]	NA
Ca_Desi_Ch_scaffold01721_19501	Ca_desi_scaffold	19501	[T/G]	NA
Ca_Desi_Ch_scaffold01721_19513	Ca_desi_scaffold	19513	[A/G]	NA
Ca_Desi_Ch_scaffold01721_19525	Ca_desi_scaffold	19525	[C/A]	NA
Ca_Desi_Ch_scaffold01721_20459	Ca_desi_scaffold	20459	[T/C]	NA
Ca_Desi_Ch_scaffold01721_20480	Ca_desi_scaffold	20480	[T/G]	NA
Ca_Desi_Ch_scaffold01721_20495	Ca_desi_scaffold	20495	[T/G]	NA
Ca_Desi_Ch_scaffold01721_20496	Ca_desi_scaffold	20496	[G/C]	NA
Ca_Desi_Ch_scaffold01721_20499	Ca_desi_scaffold	20499	[G/A]	NA
Ca_Desi_Ch_scaffold01721_20503	Ca_desi_scaffold	20503	[G/A]	NA
Ca_Desi_Ch_scaffold01721_20555	Ca_desi_scaffold	20555	[T/A]	NA
Ca_Desi_Ch_scaffold01721_20567	Ca_desi_scaffold	20567	[A/C]	NA
Ca_Desi_Ch_scaffold01721_23205	Ca_desi_scaffold	23205	[G/T]	NA
Ca_Desi_Ch_scaffold01721_34371	Ca_desi_scaffold	34371	[A/G]	NA
Ca_Desi_Ch_scaffold01721_34377	Ca_desi_scaffold	34377	[T/C]	NA
Ca_Desi_Ch_scaffold01721_34390	Ca_desi_scaffold	34390	[T/C]	NA
Ca_Desi_Ch_scaffold01721_34396	Ca_desi_scaffold	34396	[T/G]	NA
Ca_Desi_Ch_scaffold01721_38928	Ca_desi_scaffold	38928	[A/T]	NA
Ca_Desi_Ch_scaffold01721_51385	Ca_desi_scaffold	51385	[C/T]	NA
Ca_Desi_Ch_scaffold01723_63045	Ca_desi_scaffold	63045	[T/G]	NA
Ca_Desi_Ch_scaffold01723_63050	Ca_desi_scaffold	63050	[T/G]	NA
Ca_Desi_Ch_scaffold01723_63085	Ca_desi_scaffold	63085	[A/G]	NA
Ca_Desi_Ch_scaffold01734_35901	Ca_desi_scaffold	35901	[T/C]	NA
Ca_Desi_Ch_scaffold01734_35912	Ca_desi_scaffold	35912	[T/C]	NA
Ca_Desi_Ch_scaffold01734_35920	Ca_desi_scaffold	35920	[A/G]	NA
Ca_Desi_Ch_scaffold01734_35932	Ca_desi_scaffold	35932	[A/G]	NA
Ca_Desi_Ch_scaffold01734_35939	Ca_desi_scaffold	35939	[A/G]	NA
Ca_Desi_Ch_scaffold01734_35941	Ca_desi_scaffold	35941	[T/G]	NA
Ca_Desi_Ch_scaffold01734_35950	Ca_desi_scaffold	35950	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01734_35970	Ca_desi_scaffold	35970	[G/A]	NA
Ca_Desi_Ch_scaffold01734_35974	Ca_desi_scaffold	35974	[A/C]	NA
Ca_Desi_Ch_scaffold01734_35978	Ca_desi_scaffold	35978	[A/G]	NA
Ca_Desi_Ch_scaffold01734_43301	Ca_desi_scaffold	43301	[A/T]	NA
Ca_Desi_Ch_scaffold01734_43321	Ca_desi_scaffold	43321	[T/C]	NA
Ca_Desi_Ch_scaffold01734_43326	Ca_desi_scaffold	43326	[G/T]	NA
Ca_Desi_Ch_scaffold01734_43329	Ca_desi_scaffold	43329	[A/G]	NA
Ca_Desi_Ch_scaffold01734_43335	Ca_desi_scaffold	43335	[A/G]	NA
Ca_Desi_Ch_scaffold01734_43347	Ca_desi_scaffold	43347	[T/A]	NA
Ca_Desi_Ch_scaffold01734_43351	Ca_desi_scaffold	43351	[A/C]	NA
Ca_Desi_Ch_scaffold01734_43360	Ca_desi_scaffold	43360	[C/A]	NA
Ca_Desi_Ch_scaffold01734_43370	Ca_desi_scaffold	43370	[T/C]	NA
Ca_Desi_Ch_scaffold01734_43391	Ca_desi_scaffold	43391	[A/C]	NA
Ca_Desi_Ch_scaffold01734_44255	Ca_desi_scaffold	44255	[A/C]	NA
Ca_Desi_Ch_scaffold01734_44276	Ca_desi_scaffold	44276	[A/G]	NA
Ca_Desi_Ch_scaffold01734_50401	Ca_desi_scaffold	50401	[A/C]	NA
Ca_Desi_Ch_scaffold01734_53345	Ca_desi_scaffold	53345	[A/T]	NA
Ca_Desi_Ch_scaffold01734_54040	Ca_desi_scaffold	54040	[A/G]	NA
Ca_Desi_Ch_scaffold01734_54787	Ca_desi_scaffold	54787	[T/C]	NA
Ca_Desi_Ch_scaffold01734_54801	Ca_desi_scaffold	54801	[A/G]	NA
Ca_Desi_Ch_scaffold01734_54839	Ca_desi_scaffold	54839	[T/C]	NA
Ca_Desi_Ch_scaffold01734_54844	Ca_desi_scaffold	54844	[T/C]	NA
Ca_Desi_Ch_scaffold01748_29599	Ca_desi_scaffold	29599	[T/G]	NA
Ca_Desi_Ch_scaffold01758_35102	Ca_desi_scaffold	35102	[T/G]	NA
Ca_Desi_Ch_scaffold01758_35155	Ca_desi_scaffold	35155	[T/C]	NA
Ca_Desi_Ch_scaffold01760_6715	Ca_desi_scaffold	6715	[A/G]	NA
Ca_Desi_Ch_scaffold01761_43928	Ca_desi_scaffold	43928	[G/A]	NA
Ca_Desi_Ch_scaffold01769_10227	Ca_desi_scaffold	10227	[A/C]	NA
Ca_Desi_Ch_scaffold01769_10244	Ca_desi_scaffold	10244	[G/C]	NA
Ca_Desi_Ch_scaffold01769_10327	Ca_desi_scaffold	10327	[C/T]	NA
Ca_Desi_Ch_scaffold01769_10329	Ca_desi_scaffold	10329	[T/G]	NA
Ca_Desi_Ch_scaffold01772_1772	Ca_desi_scaffold	1772	[T/C]	NA
Ca_Desi_Ch_scaffold01772_24791	Ca_desi_scaffold	24791	[T/C]	NA
Ca_Desi_Ch_scaffold01772_24809	Ca_desi_scaffold	24809	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01772_24823	Ca_desi_scaffold	24823	[A/G]	NA
Ca_Desi_Ch_scaffold01772_24826	Ca_desi_scaffold	24826	[A/G]	NA
Ca_Desi_Ch_scaffold01772_60551	Ca_desi_scaffold	60551	[G/C]	NA
Ca_Desi_Ch_scaffold01774_21371	Ca_desi_scaffold	21371	[C/T]	NA
Ca_Desi_Ch_scaffold01774_28171	Ca_desi_scaffold	28171	[A/C]	NA
Ca_Desi_Ch_scaffold01774_28190	Ca_desi_scaffold	28190	[T/C]	NA
Ca_Desi_Ch_scaffold01774_28196	Ca_desi_scaffold	28196	[A/G]	NA
Ca_Desi_Ch_scaffold01774_44348	Ca_desi_scaffold	44348	[T/C]	NA
Ca_Desi_Ch_scaffold01774_52756	Ca_desi_scaffold	52756	[T/G]	NA
Ca_Desi_Ch_scaffold01778_33535	Ca_desi_scaffold	33535	[A/G]	NA
Ca_Desi_Ch_scaffold01778_33544	Ca_desi_scaffold	33544	[T/C]	NA
Ca_Desi_Ch_scaffold01784_30796	Ca_desi_scaffold	30796	[T/C]	NA
Ca_Desi_Ch_scaffold01793_11585	Ca_desi_scaffold	11585	[A/G]	NA
Ca_Desi_Ch_scaffold01793_11612	Ca_desi_scaffold	11612	[A/G]	NA
Ca_Desi_Ch_scaffold01793_11615	Ca_desi_scaffold	11615	[A/G]	NA
Ca_Desi_Ch_scaffold01793_11625	Ca_desi_scaffold	11625	[T/G]	NA
Ca_Desi_Ch_scaffold01793_11646	Ca_desi_scaffold	11646	[T/C]	NA
Ca_Desi_Ch_scaffold01799_51791	Ca_desi_scaffold	51791	[T/C]	NA
Ca_Desi_Ch_scaffold01803_34650	Ca_desi_scaffold	34650	[T/G]	NA
Ca_Desi_Ch_scaffold01805_14447	Ca_desi_scaffold	14447	[A/G]	NA
Ca_Desi_Ch_scaffold01805_14452	Ca_desi_scaffold	14452	[A/G]	NA
Ca_Desi_Ch_scaffold01805_14458	Ca_desi_scaffold	14458	[T/C]	NA
Ca_Desi_Ch_scaffold01805_14466	Ca_desi_scaffold	14466	[A/G]	NA
Ca_Desi_Ch_scaffold01805_14468	Ca_desi_scaffold	14468	[G/A]	NA
Ca_Desi_Ch_scaffold01805_14469	Ca_desi_scaffold	14469	[A/G]	NA
Ca_Desi_Ch_scaffold01805_14471	Ca_desi_scaffold	14471	[A/G]	NA
Ca_Desi_Ch_scaffold01805_14484	Ca_desi_scaffold	14484	[T/C]	NA
Ca_Desi_Ch_scaffold01805_14490	Ca_desi_scaffold	14490	[T/G]	NA
Ca_Desi_Ch_scaffold01806_14458	Ca_desi_scaffold	14458	[C/A]	NA
Ca_Desi_Ch_scaffold01806_14460	Ca_desi_scaffold	14460	[A/C]	NA
Ca_Desi_Ch_scaffold01806_14461	Ca_desi_scaffold	14461	[G/T]	NA
Ca_Desi_Ch_scaffold01806_20246	Ca_desi_scaffold	20246	[A/C]	NA
Ca_Desi_Ch_scaffold01806_20254	Ca_desi_scaffold	20254	[T/G]	NA
Ca_Desi_Ch_scaffold01806_20257	Ca_desi_scaffold	20257	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01806_20274	Ca_desi_scaffold	20274	[A/G]	NA
Ca_Desi_Ch_scaffold01806_21532	Ca_desi_scaffold	21532	[A/C]	NA
Ca_Desi_Ch_scaffold01806_23228	Ca_desi_scaffold	23228	[A/C]	NA
Ca_Desi_Ch_scaffold01810_16222	Ca_desi_scaffold	16222	[A/G]	NA
Ca_Desi_Ch_scaffold01810_16236	Ca_desi_scaffold	16236	[A/G]	NA
Ca_Desi_Ch_scaffold01810_21877	Ca_desi_scaffold	21877	[T/G]	NA
Ca_Desi_Ch_scaffold01811_1937	Ca_desi_scaffold	1937	[C/A]	NA
Ca_Desi_Ch_scaffold01811_1952	Ca_desi_scaffold	1952	[A/G]	NA
Ca_Desi_Ch_scaffold01811_1953	Ca_desi_scaffold	1953	[G/T]	NA
Ca_Desi_Ch_scaffold01811_18524	Ca_desi_scaffold	18524	[T/A]	NA
Ca_Desi_Ch_scaffold01813_50810	Ca_desi_scaffold	50810	[A/T]	NA
Ca_Desi_Ch_scaffold01813_50817	Ca_desi_scaffold	50817	[A/C]	NA
Ca_Desi_Ch_scaffold01813_50827	Ca_desi_scaffold	50827	[A/C]	NA
Ca_Desi_Ch_scaffold01814_20264	Ca_desi_scaffold	20264	[A/T]	NA
Ca_Desi_Ch_scaffold01824_12080	Ca_desi_scaffold	12080	[T/A]	NA
Ca_Desi_Ch_scaffold01824_12088	Ca_desi_scaffold	12088	[A/C]	NA
Ca_Desi_Ch_scaffold01825_37430	Ca_desi_scaffold	37430	[G/T]	NA
Ca_Desi_Ch_scaffold01825_37431	Ca_desi_scaffold	37431	[A/G]	NA
Ca_Desi_Ch_scaffold01825_37503	Ca_desi_scaffold	37503	[G/C]	NA
Ca_Desi_Ch_scaffold01825_37526	Ca_desi_scaffold	37526	[T/G]	NA
Ca_Desi_Ch_scaffold01825_38745	Ca_desi_scaffold	38745	[C/A]	NA
Ca_Desi_Ch_scaffold01825_39200	Ca_desi_scaffold	39200	[T/G]	NA
Ca_Desi_Ch_scaffold01825_39525	Ca_desi_scaffold	39525	[T/C]	NA
Ca_Desi_Ch_scaffold01825_39543	Ca_desi_scaffold	39543	[C/T]	NA
Ca_Desi_Ch_scaffold01826_4478	Ca_desi_scaffold	4478	[A/C]	NA
Ca_Desi_Ch_scaffold01826_4503	Ca_desi_scaffold	4503	[A/G]	NA
Ca_Desi_Ch_scaffold01826_4512	Ca_desi_scaffold	4512	[A/G]	NA
Ca_Desi_Ch_scaffold01826_42198	Ca_desi_scaffold	42198	[G/A]	NA
Ca_Desi_Ch_scaffold01826_42201	Ca_desi_scaffold	42201	[A/C]	NA
Ca_Desi_Ch_scaffold01826_48101	Ca_desi_scaffold	48101	[C/G]	NA
Ca_Desi_Ch_scaffold01826_48103	Ca_desi_scaffold	48103	[G/C]	NA
Ca_Desi_Ch_scaffold01828_44422	Ca_desi_scaffold	44422	[T/G]	NA
Ca_Desi_Ch_scaffold01828_46419	Ca_desi_scaffold	46419	[T/C]	NA
Ca_Desi_Ch_scaffold01828_55508	Ca_desi_scaffold	55508	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01832_33253	Ca_desi_scaffold	33253	[T/C]	NA
Ca_Desi_Ch_scaffold01832_33254	Ca_desi_scaffold	33254	[G/T]	NA
Ca_Desi_Ch_scaffold01832_33333	Ca_desi_scaffold	33333	[T/C]	NA
Ca_Desi_Ch_scaffold01832_33363	Ca_desi_scaffold	33363	[A/G]	NA
Ca_Desi_Ch_scaffold01832_33378	Ca_desi_scaffold	33378	[A/G]	NA
Ca_Desi_Ch_scaffold01834_1217	Ca_desi_scaffold	1217	[T/C]	NA
Ca_Desi_Ch_scaffold01834_1274	Ca_desi_scaffold	1274	[A/C]	NA
Ca_Desi_Ch_scaffold01838_16458	Ca_desi_scaffold	16458	[T/G]	NA
Ca_Desi_Ch_scaffold01838_16464	Ca_desi_scaffold	16464	[T/G]	NA
Ca_Desi_Ch_scaffold01838_16496	Ca_desi_scaffold	16496	[A/G]	NA
Ca_Desi_Ch_scaffold01838_16506	Ca_desi_scaffold	16506	[T/C]	NA
Ca_Desi_Ch_scaffold01838_42525	Ca_desi_scaffold	42525	[T/C]	NA
Ca_Desi_Ch_scaffold01838_42576	Ca_desi_scaffold	42576	[A/G]	NA
Ca_Desi_Ch_scaffold01840_46129	Ca_desi_scaffold	46129	[G/A]	NA
Ca_Desi_Ch_scaffold01840_46146	Ca_desi_scaffold	46146	[G/A]	NA
Ca_Desi_Ch_scaffold01841_27445	Ca_desi_scaffold	27445	[T/G]	NA
Ca_Desi_Ch_scaffold01841_27449	Ca_desi_scaffold	27449	[T/G]	NA
Ca_Desi_Ch_scaffold01841_27482	Ca_desi_scaffold	27482	[A/C]	NA
Ca_Desi_Ch_scaffold01841_27496	Ca_desi_scaffold	27496	[A/C]	NA
Ca_Desi_Ch_scaffold01841_27518	Ca_desi_scaffold	27518	[A/G]	NA
Ca_Desi_Ch_scaffold01844_28061	Ca_desi_scaffold	28061	[G/A]	NA
Ca_Desi_Ch_scaffold01846_18639	Ca_desi_scaffold	18639	[T/G]	NA
Ca_Desi_Ch_scaffold01846_18647	Ca_desi_scaffold	18647	[T/G]	NA
Ca_Desi_Ch_scaffold01850_27432	Ca_desi_scaffold	27432	[T/A]	NA
Ca_Desi_Ch_scaffold01850_33396	Ca_desi_scaffold	33396	[A/G]	NA
Ca_Desi_Ch_scaffold01850_33532	Ca_desi_scaffold	33532	[T/G]	NA
Ca_Desi_Ch_scaffold01856_34232	Ca_desi_scaffold	34232	[T/C]	NA
Ca_Desi_Ch_scaffold01856_34256	Ca_desi_scaffold	34256	[T/G]	NA
Ca_Desi_Ch_scaffold01857_42131	Ca_desi_scaffold	42131	[T/G]	NA
Ca_Desi_Ch_scaffold01876_6449	Ca_desi_scaffold	6449	[T/A]	NA
Ca_Desi_Ch_scaffold01876_6458	Ca_desi_scaffold	6458	[T/G]	NA
Ca_Desi_Ch_scaffold01876_6461	Ca_desi_scaffold	6461	[T/G]	NA
Ca_Desi_Ch_scaffold01876_33613	Ca_desi_scaffold	33613	[A/T]	NA
Ca_Desi_Ch_scaffold01876_43520	Ca_desi_scaffold	43520	[C/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold01876_43521	Ca_desi_scaffold	43521	[A/G]	NA
Ca_Desi_Chromosome_scaffold01876_49543	Ca_desi_scaffold	49543	[A/G]	NA
Ca_Desi_Chromosome_scaffold01876_49551	Ca_desi_scaffold	49551	[T/G]	NA
Ca_Desi_Chromosome_scaffold01876_49996	Ca_desi_scaffold	49996	[A/G]	NA
Ca_Desi_Chromosome_scaffold01876_50004	Ca_desi_scaffold	50004	[T/G]	NA
Ca_Desi_Chromosome_scaffold01878_49606	Ca_desi_scaffold	49606	[A/G]	NA
Ca_Desi_Chromosome_scaffold01878_49612	Ca_desi_scaffold	49612	[C/T]	NA
Ca_Desi_Chromosome_scaffold01880_6361	Ca_desi_scaffold	6361	[T/A]	NA
Ca_Desi_Chromosome_scaffold01880_6602	Ca_desi_scaffold	6602	[A/C]	NA
Ca_Desi_Chromosome_scaffold01880_7186	Ca_desi_scaffold	7186	[A/G]	NA
Ca_Desi_Chromosome_scaffold01880_7235	Ca_desi_scaffold	7235	[A/C]	NA
Ca_Desi_Chromosome_scaffold01880_7245	Ca_desi_scaffold	7245	[A/C]	NA
Ca_Desi_Chromosome_scaffold01880_7945	Ca_desi_scaffold	7945	[T/C]	NA
Ca_Desi_Chromosome_scaffold01880_7968	Ca_desi_scaffold	7968	[A/G]	NA
Ca_Desi_Chromosome_scaffold01880_7971	Ca_desi_scaffold	7971	[G/A]	NA
Ca_Desi_Chromosome_scaffold01882_40378	Ca_desi_scaffold	40378	[A/G]	NA
Ca_Desi_Chromosome_scaffold01882_40384	Ca_desi_scaffold	40384	[T/G]	NA
Ca_Desi_Chromosome_scaffold01882_40403	Ca_desi_scaffold	40403	[T/A]	NA
Ca_Desi_Chromosome_scaffold01885_12264	Ca_desi_scaffold	12264	[C/G]	NA
Ca_Desi_Chromosome_scaffold01885_12269	Ca_desi_scaffold	12269	[T/C]	NA
Ca_Desi_Chromosome_scaffold01893_3534	Ca_desi_scaffold	3534	[A/C]	NA
Ca_Desi_Chromosome_scaffold01893_3639	Ca_desi_scaffold	3639	[A/G]	NA
Ca_Desi_Chromosome_scaffold01896_10371	Ca_desi_scaffold	10371	[T/C]	NA
Ca_Desi_Chromosome_scaffold01896_10376	Ca_desi_scaffold	10376	[T/G]	NA
Ca_Desi_Chromosome_scaffold01896_10388	Ca_desi_scaffold	10388	[A/G]	NA
Ca_Desi_Chromosome_scaffold01896_10758	Ca_desi_scaffold	10758	[T/G]	NA
Ca_Desi_Chromosome_scaffold01896_10874	Ca_desi_scaffold	10874	[T/G]	NA
Ca_Desi_Chromosome_scaffold01899_48246	Ca_desi_scaffold	48246	[T/C]	NA
Ca_Desi_Chromosome_scaffold01903_32853	Ca_desi_scaffold	32853	[A/C]	NA
Ca_Desi_Chromosome_scaffold01903_33627	Ca_desi_scaffold	33627	[T/C]	NA
Ca_Desi_Chromosome_scaffold01903_50956	Ca_desi_scaffold	50956	[A/G]	NA
Ca_Desi_Chromosome_scaffold01903_50966	Ca_desi_scaffold	50966	[C/T]	NA
Ca_Desi_Chromosome_scaffold01903_50983	Ca_desi_scaffold	50983	[C/T]	NA
Ca_Desi_Chromosome_scaffold01903_50984	Ca_desi_scaffold	50984	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01904_42685	Ca_desig_scaffold	42685	[A/T]	NA
Ca_Desig_Chr_scaffold01904_42702	Ca_desig_scaffold	42702	[T/C]	NA
Ca_Desig_Chr_scaffold01904_42711	Ca_desig_scaffold	42711	[T/C]	NA
Ca_Desig_Chr_scaffold01904_42722	Ca_desig_scaffold	42722	[T/C]	NA
Ca_Desig_Chr_scaffold01904_42725	Ca_desig_scaffold	42725	[T/C]	NA
Ca_Desig_Chr_scaffold01904_42734	Ca_desig_scaffold	42734	[A/G]	NA
Ca_Desig_Chr_scaffold01904_42742	Ca_desig_scaffold	42742	[T/C]	NA
Ca_Desig_Chr_scaffold01904_42745	Ca_desig_scaffold	42745	[T/A]	NA
Ca_Desig_Chr_scaffold01907_21410	Ca_desig_scaffold	21410	[T/C]	NA
Ca_Desig_Chr_scaffold01907_21438	Ca_desig_scaffold	21438	[A/C]	NA
Ca_Desig_Chr_scaffold01910_21555	Ca_desig_scaffold	21555	[T/G]	NA
Ca_Desig_Chr_scaffold01910_21575	Ca_desig_scaffold	21575	[A/T]	NA
Ca_Desig_Chr_scaffold01911_34400	Ca_desig_scaffold	34400	[A/C]	NA
Ca_Desig_Chr_scaffold01911_34403	Ca_desig_scaffold	34403	[T/C]	NA
Ca_Desig_Chr_scaffold01911_35307	Ca_desig_scaffold	35307	[G/T]	NA
Ca_Desig_Chr_scaffold01911_38635	Ca_desig_scaffold	38635	[A/C]	NA
Ca_Desig_Chr_scaffold01914_843	Ca_desig_scaffold	843	[C/A]	NA
Ca_Desig_Chr_scaffold01914_845	Ca_desig_scaffold	845	[A/C]	NA
Ca_Desig_Chr_scaffold01914_5541	Ca_desig_scaffold	5541	[T/C]	NA
Ca_Desig_Chr_scaffold01914_40724	Ca_desig_scaffold	40724	[T/C]	NA
Ca_Desig_Chr_scaffold01914_40733	Ca_desig_scaffold	40733	[T/C]	NA
Ca_Desig_Chr_scaffold01914_40740	Ca_desig_scaffold	40740	[T/G]	NA
Ca_Desig_Chr_scaffold01914_40755	Ca_desig_scaffold	40755	[A/C]	NA
Ca_Desig_Chr_scaffold01914_40765	Ca_desig_scaffold	40765	[A/C]	NA
Ca_Desig_Chr_scaffold01917_38145	Ca_desig_scaffold	38145	[C/T]	NA
Ca_Desig_Chr_scaffold01918_8685	Ca_desig_scaffold	8685	[C/T]	NA
Ca_Desig_Chr_scaffold01918_8686	Ca_desig_scaffold	8686	[G/C]	NA
Ca_Desig_Chr_scaffold01918_8691	Ca_desig_scaffold	8691	[A/C]	NA
Ca_Desig_Chr_scaffold01918_8708	Ca_desig_scaffold	8708	[C/T]	NA
Ca_Desig_Chr_scaffold01918_8725	Ca_desig_scaffold	8725	[C/T]	NA
Ca_Desig_Chr_scaffold01918_9193	Ca_desig_scaffold	9193	[C/A]	NA
Ca_Desig_Chr_scaffold01918_9209	Ca_desig_scaffold	9209	[A/T]	NA
Ca_Desig_Chr_scaffold01918_9216	Ca_desig_scaffold	9216	[G/A]	NA
Ca_Desig_Chr_scaffold01918_9400	Ca_desig_scaffold	9400	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01918_9413	Ca_desi_scaffold	9413	[G/A]	NA
Ca_Desi_Ch_scaffold01918_9419	Ca_desi_scaffold	9419	[G/A]	NA
Ca_Desi_Ch_scaffold01918_9667	Ca_desi_scaffold	9667	[C/A]	NA
Ca_Desi_Ch_scaffold01918_9705	Ca_desi_scaffold	9705	[G/A]	NA
Ca_Desi_Ch_scaffold01922_17830	Ca_desi_scaffold	17830	[C/A]	NA
Ca_Desi_Ch_scaffold01922_17831	Ca_desi_scaffold	17831	[C/G]	NA
Ca_Desi_Ch_scaffold01922_17832	Ca_desi_scaffold	17832	[G/A]	NA
Ca_Desi_Ch_scaffold01922_17833	Ca_desi_scaffold	17833	[A/T]	NA
Ca_Desi_Ch_scaffold01925_38220	Ca_desi_scaffold	38220	[A/G]	NA
Ca_Desi_Ch_scaffold01927_36092	Ca_desi_scaffold	36092	[T/G]	NA
Ca_Desi_Ch_scaffold01927_36106	Ca_desi_scaffold	36106	[A/C]	NA
Ca_Desi_Ch_scaffold01927_45720	Ca_desi_scaffold	45720	[T/C]	NA
Ca_Desi_Ch_scaffold01927_45733	Ca_desi_scaffold	45733	[T/C]	NA
Ca_Desi_Ch_scaffold01927_45745	Ca_desi_scaffold	45745	[T/G]	NA
Ca_Desi_Ch_scaffold01927_48238	Ca_desi_scaffold	48238	[A/T]	NA
Ca_Desi_Ch_scaffold01927_48246	Ca_desi_scaffold	48246	[T/G]	NA
Ca_Desi_Ch_scaffold01927_48249	Ca_desi_scaffold	48249	[T/G]	NA
Ca_Desi_Ch_scaffold01927_48260	Ca_desi_scaffold	48260	[A/G]	NA
Ca_Desi_Ch_scaffold01935_48108	Ca_desi_scaffold	48108	[T/G]	NA
Ca_Desi_Ch_scaffold01937_7915	Ca_desi_scaffold	7915	[T/G]	NA
Ca_Desi_Ch_scaffold01937_7947	Ca_desi_scaffold	7947	[T/G]	NA
Ca_Desi_Ch_scaffold01937_8146	Ca_desi_scaffold	8146	[T/C]	NA
Ca_Desi_Ch_scaffold01937_8162	Ca_desi_scaffold	8162	[T/C]	NA
Ca_Desi_Ch_scaffold01937_8163	Ca_desi_scaffold	8163	[G/T]	NA
Ca_Desi_Ch_scaffold01937_8221	Ca_desi_scaffold	8221	[A/G]	NA
Ca_Desi_Ch_scaffold01937_8248	Ca_desi_scaffold	8248	[C/T]	NA
Ca_Desi_Ch_scaffold01937_8264	Ca_desi_scaffold	8264	[A/C]	NA
Ca_Desi_Ch_scaffold01937_8281	Ca_desi_scaffold	8281	[T/C]	NA
Ca_Desi_Ch_scaffold01937_10395	Ca_desi_scaffold	10395	[C/T]	NA
Ca_Desi_Ch_scaffold01937_10469	Ca_desi_scaffold	10469	[G/T]	NA
Ca_Desi_Ch_scaffold01937_53104	Ca_desi_scaffold	53104	[A/G]	NA
Ca_Desi_Ch_scaffold01937_55399	Ca_desi_scaffold	55399	[C/T]	NA
Ca_Desi_Ch_scaffold01937_55410	Ca_desi_scaffold	55410	[G/A]	NA
Ca_Desi_Ch_scaffold01943_19727	Ca_desi_scaffold	19727	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold01943_49402	Ca_desi_scaffold	49402	[T/G]	NA
Ca_Desi_Ch_scaffold01943_49404	Ca_desi_scaffold	49404	[A/G]	NA
Ca_Desi_Ch_scaffold01943_49409	Ca_desi_scaffold	49409	[C/A]	NA
Ca_Desi_Ch_scaffold01948_30279	Ca_desi_scaffold	30279	[T/C]	NA
Ca_Desi_Ch_scaffold01948_30283	Ca_desi_scaffold	30283	[T/C]	NA
Ca_Desi_Ch_scaffold01948_30288	Ca_desi_scaffold	30288	[C/T]	NA
Ca_Desi_Ch_scaffold01948_30296	Ca_desi_scaffold	30296	[T/C]	NA
Ca_Desi_Ch_scaffold01948_30306	Ca_desi_scaffold	30306	[G/C]	NA
Ca_Desi_Ch_scaffold01948_30309	Ca_desi_scaffold	30309	[A/C]	NA
Ca_Desi_Ch_scaffold01948_30312	Ca_desi_scaffold	30312	[T/C]	NA
Ca_Desi_Ch_scaffold01948_30326	Ca_desi_scaffold	30326	[T/C]	NA
Ca_Desi_Ch_scaffold01948_36846	Ca_desi_scaffold	36846	[T/G]	NA
Ca_Desi_Ch_scaffold01948_54908	Ca_desi_scaffold	54908	[T/A]	NA
Ca_Desi_Ch_scaffold01952_5947	Ca_desi_scaffold	5947	[A/C]	NA
Ca_Desi_Ch_scaffold01952_5964	Ca_desi_scaffold	5964	[T/C]	NA
Ca_Desi_Ch_scaffold01952_5970	Ca_desi_scaffold	5970	[T/C]	NA
Ca_Desi_Ch_scaffold01952_5972	Ca_desi_scaffold	5972	[A/G]	NA
Ca_Desi_Ch_scaffold01952_5982	Ca_desi_scaffold	5982	[T/C]	NA
Ca_Desi_Ch_scaffold01952_5986	Ca_desi_scaffold	5986	[T/A]	NA
Ca_Desi_Ch_scaffold01959_27451	Ca_desi_scaffold	27451	[T/C]	NA
Ca_Desi_Ch_scaffold01959_27461	Ca_desi_scaffold	27461	[T/G]	NA
Ca_Desi_Ch_scaffold01959_27481	Ca_desi_scaffold	27481	[A/G]	NA
Ca_Desi_Ch_scaffold01959_27490	Ca_desi_scaffold	27490	[A/C]	NA
Ca_Desi_Ch_scaffold01959_29145	Ca_desi_scaffold	29145	[T/G]	NA
Ca_Desi_Ch_scaffold01962_25741	Ca_desi_scaffold	25741	[G/A]	NA
Ca_Desi_Ch_scaffold01962_42501	Ca_desi_scaffold	42501	[A/G]	NA
Ca_Desi_Ch_scaffold01962_42502	Ca_desi_scaffold	42502	[G/A]	NA
Ca_Desi_Ch_scaffold01965_3023	Ca_desi_scaffold	3023	[A/C]	NA
Ca_Desi_Ch_scaffold01969_35880	Ca_desi_scaffold	35880	[A/G]	NA
Ca_Desi_Ch_scaffold01972_7439	Ca_desi_scaffold	7439	[T/G]	NA
Ca_Desi_Ch_scaffold01972_13966	Ca_desi_scaffold	13966	[T/G]	NA
Ca_Desi_Ch_scaffold01972_15976	Ca_desi_scaffold	15976	[T/A]	NA
Ca_Desi_Ch_scaffold01972_18627	Ca_desi_scaffold	18627	[T/C]	NA
Ca_Desi_Ch_scaffold01972_18636	Ca_desi_scaffold	18636	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold01972_18671	Ca_desig_scaffold	18671	[A/G]	NA
Ca_Desig_Chr_scaffold01972_22516	Ca_desig_scaffold	22516	[A/C]	NA
Ca_Desig_Chr_scaffold01972_22572	Ca_desig_scaffold	22572	[A/G]	NA
Ca_Desig_Chr_scaffold01974_20015	Ca_desig_scaffold	20015	[A/C]	NA
Ca_Desig_Chr_scaffold01974_50268	Ca_desig_scaffold	50268	[T/A]	NA
Ca_Desig_Chr_scaffold01980_28216	Ca_desig_scaffold	28216	[T/A]	NA
Ca_Desig_Chr_scaffold01980_28228	Ca_desig_scaffold	28228	[T/A]	NA
Ca_Desig_Chr_scaffold01980_28462	Ca_desig_scaffold	28462	[T/C]	NA
Ca_Desig_Chr_scaffold01980_28492	Ca_desig_scaffold	28492	[A/C]	NA
Ca_Desig_Chr_scaffold01986_534	Ca_desig_scaffold	534	[G/A]	NA
Ca_Desig_Chr_scaffold01986_15269	Ca_desig_scaffold	15269	[T/C]	NA
Ca_Desig_Chr_scaffold01987_31274	Ca_desig_scaffold	31274	[T/G]	NA
Ca_Desig_Chr_scaffold01987_31277	Ca_desig_scaffold	31277	[T/G]	NA
Ca_Desig_Chr_scaffold01989_2321	Ca_desig_scaffold	2321	[C/A]	NA
Ca_Desig_Chr_scaffold01989_15556	Ca_desig_scaffold	15556	[T/C]	NA
Ca_Desig_Chr_scaffold01989_15560	Ca_desig_scaffold	15560	[G/T]	NA
Ca_Desig_Chr_scaffold01993_46890	Ca_desig_scaffold	46890	[A/G]	NA
Ca_Desig_Chr_scaffold01996_38777	Ca_desig_scaffold	38777	[T/G]	NA
Ca_Desig_Chr_scaffold01996_38794	Ca_desig_scaffold	38794	[A/C]	NA
Ca_Desig_Chr_scaffold01996_48229	Ca_desig_scaffold	48229	[T/C]	NA
Ca_Desig_Chr_scaffold01996_48255	Ca_desig_scaffold	48255	[T/G]	NA
Ca_Desig_Chr_scaffold01996_48263	Ca_desig_scaffold	48263	[A/G]	NA
Ca_Desig_Chr_scaffold02003_43481	Ca_desig_scaffold	43481	[A/G]	NA
Ca_Desig_Chr_scaffold02013_43827	Ca_desig_scaffold	43827	[A/G]	NA
Ca_Desig_Chr_scaffold02013_44096	Ca_desig_scaffold	44096	[T/C]	NA
Ca_Desig_Chr_scaffold02017_39667	Ca_desig_scaffold	39667	[T/C]	NA
Ca_Desig_Chr_scaffold02017_42357	Ca_desig_scaffold	42357	[A/G]	NA
Ca_Desig_Chr_scaffold02017_42368	Ca_desig_scaffold	42368	[T/G]	NA
Ca_Desig_Chr_scaffold02017_42382	Ca_desig_scaffold	42382	[A/G]	NA
Ca_Desig_Chr_scaffold02017_42394	Ca_desig_scaffold	42394	[T/A]	NA
Ca_Desig_Chr_scaffold02019_4620	Ca_desig_scaffold	4620	[T/G]	NA
Ca_Desig_Chr_scaffold02019_8846	Ca_desig_scaffold	8846	[A/C]	NA
Ca_Desig_Chr_scaffold02025_21912	Ca_desig_scaffold	21912	[T/C]	NA
Ca_Desig_Chr_scaffold02025_21923	Ca_desig_scaffold	21923	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02025_21962	Ca_desi_scaffold	21962	[A/G]	NA
Ca_Desi_Ch_scaffold02025_50317	Ca_desi_scaffold	50317	[T/C]	NA
Ca_Desi_Ch_scaffold02025_50349	Ca_desi_scaffold	50349	[T/C]	NA
Ca_Desi_Ch_scaffold02025_50361	Ca_desi_scaffold	50361	[T/C]	NA
Ca_Desi_Ch_scaffold02025_50367	Ca_desi_scaffold	50367	[A/G]	NA
Ca_Desi_Ch_scaffold02025_50369	Ca_desi_scaffold	50369	[A/G]	NA
Ca_Desi_Ch_scaffold02025_50371	Ca_desi_scaffold	50371	[A/G]	NA
Ca_Desi_Ch_scaffold02025_50372	Ca_desi_scaffold	50372	[C/G]	NA
Ca_Desi_Ch_scaffold02025_50373	Ca_desi_scaffold	50373	[G/C]	NA
Ca_Desi_Ch_scaffold02026_27382	Ca_desi_scaffold	27382	[T/A]	NA
Ca_Desi_Ch_scaffold02027_37276	Ca_desi_scaffold	37276	[A/C]	NA
Ca_Desi_Ch_scaffold02034_20925	Ca_desi_scaffold	20925	[A/C]	NA
Ca_Desi_Ch_scaffold02034_25858	Ca_desi_scaffold	25858	[T/A]	NA
Ca_Desi_Ch_scaffold02034_27171	Ca_desi_scaffold	27171	[T/C]	NA
Ca_Desi_Ch_scaffold02034_27176	Ca_desi_scaffold	27176	[T/C]	NA
Ca_Desi_Ch_scaffold02037_684	Ca_desi_scaffold	684	[A/G]	NA
Ca_Desi_Ch_scaffold02037_44036	Ca_desi_scaffold	44036	[A/T]	NA
Ca_Desi_Ch_scaffold02037_44133	Ca_desi_scaffold	44133	[A/G]	NA
Ca_Desi_Ch_scaffold02038_30278	Ca_desi_scaffold	30278	[A/C]	NA
Ca_Desi_Ch_scaffold02038_49234	Ca_desi_scaffold	49234	[C/A]	NA
Ca_Desi_Ch_scaffold02039_37374	Ca_desi_scaffold	37374	[A/C]	NA
Ca_Desi_Ch_scaffold02057_9382	Ca_desi_scaffold	9382	[T/C]	NA
Ca_Desi_Ch_scaffold02058_36704	Ca_desi_scaffold	36704	[A/C]	NA
Ca_Desi_Ch_scaffold02060_7278	Ca_desi_scaffold	7278	[A/C]	NA
Ca_Desi_Ch_scaffold02060_7384	Ca_desi_scaffold	7384	[A/C]	NA
Ca_Desi_Ch_scaffold02060_43360	Ca_desi_scaffold	43360	[A/G]	NA
Ca_Desi_Ch_scaffold02060_43370	Ca_desi_scaffold	43370	[T/C]	NA
Ca_Desi_Ch_scaffold02060_43372	Ca_desi_scaffold	43372	[T/C]	NA
Ca_Desi_Ch_scaffold02060_43376	Ca_desi_scaffold	43376	[T/C]	NA
Ca_Desi_Ch_scaffold02060_43384	Ca_desi_scaffold	43384	[A/G]	NA
Ca_Desi_Ch_scaffold02060_43391	Ca_desi_scaffold	43391	[A/G]	NA
Ca_Desi_Ch_scaffold02060_43394	Ca_desi_scaffold	43394	[A/G]	NA
Ca_Desi_Ch_scaffold02060_43424	Ca_desi_scaffold	43424	[A/C]	NA
Ca_Desi_Ch_scaffold02060_43428	Ca_desi_scaffold	43428	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02060_43454	Ca_desi_scaffold	43454	[T/A]	NA
Ca_Desi_Ch_scaffold02060_43461	Ca_desi_scaffold	43461	[T/C]	NA
Ca_Desi_Ch_scaffold02068_33865	Ca_desi_scaffold	33865	[T/G]	NA
Ca_Desi_Ch_scaffold02068_33903	Ca_desi_scaffold	33903	[T/G]	NA
Ca_Desi_Ch_scaffold02071_20216	Ca_desi_scaffold	20216	[T/G]	NA
Ca_Desi_Ch_scaffold02071_20228	Ca_desi_scaffold	20228	[T/G]	NA
Ca_Desi_Ch_scaffold02074_3386	Ca_desi_scaffold	3386	[C/A]	NA
Ca_Desi_Ch_scaffold02076_21882	Ca_desi_scaffold	21882	[A/T]	NA
Ca_Desi_Ch_scaffold02076_21890	Ca_desi_scaffold	21890	[A/C]	NA
Ca_Desi_Ch_scaffold02080_9470	Ca_desi_scaffold	9470	[A/G]	NA
Ca_Desi_Ch_scaffold02080_9474	Ca_desi_scaffold	9474	[T/C]	NA
Ca_Desi_Ch_scaffold02080_9491	Ca_desi_scaffold	9491	[T/G]	NA
Ca_Desi_Ch_scaffold02080_9496	Ca_desi_scaffold	9496	[T/G]	NA
Ca_Desi_Ch_scaffold02080_9501	Ca_desi_scaffold	9501	[T/C]	NA
Ca_Desi_Ch_scaffold02080_9502	Ca_desi_scaffold	9502	[T/C]	NA
Ca_Desi_Ch_scaffold02085_13321	Ca_desi_scaffold	13321	[T/G]	NA
Ca_Desi_Ch_scaffold02085_24443	Ca_desi_scaffold	24443	[A/G]	NA
Ca_Desi_Ch_scaffold02085_24455	Ca_desi_scaffold	24455	[G/C]	NA
Ca_Desi_Ch_scaffold02086_50657	Ca_desi_scaffold	50657	[A/G]	NA
Ca_Desi_Ch_scaffold02086_50658	Ca_desi_scaffold	50658	[T/G]	NA
Ca_Desi_Ch_scaffold02086_50659	Ca_desi_scaffold	50659	[C/A]	NA
Ca_Desi_Ch_scaffold02086_50660	Ca_desi_scaffold	50660	[T/G]	NA
Ca_Desi_Ch_scaffold02086_50754	Ca_desi_scaffold	50754	[A/G]	NA
Ca_Desi_Ch_scaffold02086_50805	Ca_desi_scaffold	50805	[A/G]	NA
Ca_Desi_Ch_scaffold02086_50807	Ca_desi_scaffold	50807	[T/C]	NA
Ca_Desi_Ch_scaffold02088_14305	Ca_desi_scaffold	14305	[T/A]	NA
Ca_Desi_Ch_scaffold02088_14324	Ca_desi_scaffold	14324	[T/G]	NA
Ca_Desi_Ch_scaffold02088_14365	Ca_desi_scaffold	14365	[A/G]	NA
Ca_Desi_Ch_scaffold02088_43910	Ca_desi_scaffold	43910	[A/G]	NA
Ca_Desi_Ch_scaffold02088_52349	Ca_desi_scaffold	52349	[A/T]	NA
Ca_Desi_Ch_scaffold02088_52354	Ca_desi_scaffold	52354	[G/A]	NA
Ca_Desi_Ch_scaffold02088_52357	Ca_desi_scaffold	52357	[T/A]	NA
Ca_Desi_Ch_scaffold02088_52358	Ca_desi_scaffold	52358	[A/G]	NA
Ca_Desi_Ch_scaffold02088_52359	Ca_desi_scaffold	52359	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold02088_52360	Ca_desig_scaffold	52360	[A/G]	NA
Ca_DesigChr_scaffold02088_52361	Ca_desig_scaffold	52361	[A/G]	NA
Ca_DesigChr_scaffold02088_52362	Ca_desig_scaffold	52362	[A/G]	NA
Ca_DesigChr_scaffold02088_52365	Ca_desig_scaffold	52365	[A/C]	NA
Ca_DesigChr_scaffold02088_52367	Ca_desig_scaffold	52367	[G/A]	NA
Ca_DesigChr_scaffold02088_52371	Ca_desig_scaffold	52371	[T/C]	NA
Ca_DesigChr_scaffold02088_52380	Ca_desig_scaffold	52380	[A/G]	NA
Ca_DesigChr_scaffold02088_52383	Ca_desig_scaffold	52383	[A/G]	NA
Ca_DesigChr_scaffold02088_52385	Ca_desig_scaffold	52385	[A/G]	NA
Ca_DesigChr_scaffold02088_52389	Ca_desig_scaffold	52389	[T/C]	NA
Ca_DesigChr_scaffold02088_52391	Ca_desig_scaffold	52391	[A/G]	NA
Ca_DesigChr_scaffold02095_12197	Ca_desig_scaffold	12197	[T/G]	NA
Ca_DesigChr_scaffold02095_32547	Ca_desig_scaffold	32547	[T/G]	NA
Ca_DesigChr_scaffold02095_32550	Ca_desig_scaffold	32550	[A/T]	NA
Ca_DesigChr_scaffold02095_32721	Ca_desig_scaffold	32721	[A/C]	NA
Ca_DesigChr_scaffold02095_32722	Ca_desig_scaffold	32722	[G/T]	NA
Ca_DesigChr_scaffold02096_10700	Ca_desig_scaffold	10700	[A/T]	NA
Ca_DesigChr_scaffold02096_10701	Ca_desig_scaffold	10701	[T/C]	NA
Ca_DesigChr_scaffold02096_10702	Ca_desig_scaffold	10702	[G/T]	NA
Ca_DesigChr_scaffold02097_3936	Ca_desig_scaffold	3936	[T/G]	NA
Ca_DesigChr_scaffold02097_3951	Ca_desig_scaffold	3951	[A/C]	NA
Ca_DesigChr_scaffold02097_3967	Ca_desig_scaffold	3967	[A/C]	NA
Ca_DesigChr_scaffold02097_4557	Ca_desig_scaffold	4557	[A/G]	NA
Ca_DesigChr_scaffold02097_4567	Ca_desig_scaffold	4567	[T/C]	NA
Ca_DesigChr_scaffold02098_37289	Ca_desig_scaffold	37289	[A/C]	NA
Ca_DesigChr_scaffold02098_37301	Ca_desig_scaffold	37301	[A/C]	NA
Ca_DesigChr_scaffold02098_43700	Ca_desig_scaffold	43700	[C/A]	NA
Ca_DesigChr_scaffold02103_15896	Ca_desig_scaffold	15896	[G/A]	NA
Ca_DesigChr_scaffold02103_15914	Ca_desig_scaffold	15914	[G/T]	NA
Ca_DesigChr_scaffold02105_31709	Ca_desig_scaffold	31709	[T/C]	NA
Ca_DesigChr_scaffold02112_26551	Ca_desig_scaffold	26551	[T/A]	NA
Ca_DesigChr_scaffold02112_26555	Ca_desig_scaffold	26555	[A/C]	NA
Ca_DesigChr_scaffold02112_26572	Ca_desig_scaffold	26572	[A/G]	NA
Ca_DesigChr_scaffold02114_40435	Ca_desig_scaffold	40435	[T/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02114_40465	Ca_desi_scaffold	40465	[T/G]	NA
Ca_Desi_Ch_scaffold02116_3064	Ca_desi_scaffold	3064	[T/C]	NA
Ca_Desi_Ch_scaffold02120_47499	Ca_desi_scaffold	47499	[T/A]	NA
Ca_Desi_Ch_scaffold02120_47601	Ca_desi_scaffold	47601	[G/A]	NA
Ca_Desi_Ch_scaffold02120_47609	Ca_desi_scaffold	47609	[T/G]	NA
Ca_Desi_Ch_scaffold02120_47620	Ca_desi_scaffold	47620	[T/G]	NA
Ca_Desi_Ch_scaffold02120_47637	Ca_desi_scaffold	47637	[T/A]	NA
Ca_Desi_Ch_scaffold02120_47685	Ca_desi_scaffold	47685	[A/G]	NA
Ca_Desi_Ch_scaffold02120_47709	Ca_desi_scaffold	47709	[T/C]	NA
Ca_Desi_Ch_scaffold02127_4394	Ca_desi_scaffold	4394	[T/C]	NA
Ca_Desi_Ch_scaffold02127_31119	Ca_desi_scaffold	31119	[T/C]	NA
Ca_Desi_Ch_scaffold02127_31131	Ca_desi_scaffold	31131	[T/A]	NA
Ca_Desi_Ch_scaffold02127_31140	Ca_desi_scaffold	31140	[T/C]	NA
Ca_Desi_Ch_scaffold02127_31457	Ca_desi_scaffold	31457	[A/G]	NA
Ca_Desi_Ch_scaffold02129_45702	Ca_desi_scaffold	45702	[T/G]	NA
Ca_Desi_Ch_scaffold02133_2478	Ca_desi_scaffold	2478	[T/G]	NA
Ca_Desi_Ch_scaffold02133_7298	Ca_desi_scaffold	7298	[T/C]	NA
Ca_Desi_Ch_scaffold02133_7316	Ca_desi_scaffold	7316	[A/G]	NA
Ca_Desi_Ch_scaffold02133_7334	Ca_desi_scaffold	7334	[A/G]	NA
Ca_Desi_Ch_scaffold02133_15690	Ca_desi_scaffold	15690	[A/G]	NA
Ca_Desi_Ch_scaffold02133_29122	Ca_desi_scaffold	29122	[T/G]	NA
Ca_Desi_Ch_scaffold02133_29129	Ca_desi_scaffold	29129	[T/G]	NA
Ca_Desi_Ch_scaffold02133_37655	Ca_desi_scaffold	37655	[A/C]	NA
Ca_Desi_Ch_scaffold02134_12888	Ca_desi_scaffold	12888	[A/G]	NA
Ca_Desi_Ch_scaffold02134_12893	Ca_desi_scaffold	12893	[T/A]	NA
Ca_Desi_Ch_scaffold02135_33977	Ca_desi_scaffold	33977	[T/C]	NA
Ca_Desi_Ch_scaffold02135_33991	Ca_desi_scaffold	33991	[T/C]	NA
Ca_Desi_Ch_scaffold02135_34010	Ca_desi_scaffold	34010	[A/G]	NA
Ca_Desi_Ch_scaffold02136_18039	Ca_desi_scaffold	18039	[C/A]	NA
Ca_Desi_Ch_scaffold02136_18040	Ca_desi_scaffold	18040	[T/G]	NA
Ca_Desi_Ch_scaffold02136_18041	Ca_desi_scaffold	18041	[G/A]	NA
Ca_Desi_Ch_scaffold02136_19072	Ca_desi_scaffold	19072	[T/C]	NA
Ca_Desi_Ch_scaffold02136_19130	Ca_desi_scaffold	19130	[C/A]	NA
Ca_Desi_Ch_scaffold02136_19131	Ca_desi_scaffold	19131	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02136_19132	Ca_desi_scaffold	19132	[G/C]	NA
Ca_Desi_Ch_scaffold02136_19133	Ca_desi_scaffold	19133	[G/T]	NA
Ca_Desi_Ch_scaffold02136_19167	Ca_desi_scaffold	19167	[A/G]	NA
Ca_Desi_Ch_scaffold02136_19253	Ca_desi_scaffold	19253	[T/G]	NA
Ca_Desi_Ch_scaffold02136_19262	Ca_desi_scaffold	19262	[T/A]	NA
Ca_Desi_Ch_scaffold02136_19274	Ca_desi_scaffold	19274	[G/T]	NA
Ca_Desi_Ch_scaffold02136_19279	Ca_desi_scaffold	19279	[T/A]	NA
Ca_Desi_Ch_scaffold02136_19844	Ca_desi_scaffold	19844	[A/G]	NA
Ca_Desi_Ch_scaffold02136_19846	Ca_desi_scaffold	19846	[T/A]	NA
Ca_Desi_Ch_scaffold02136_19869	Ca_desi_scaffold	19869	[A/G]	NA
Ca_Desi_Ch_scaffold02136_19873	Ca_desi_scaffold	19873	[T/C]	NA
Ca_Desi_Ch_scaffold02136_19926	Ca_desi_scaffold	19926	[T/G]	NA
Ca_Desi_Ch_scaffold02136_28229	Ca_desi_scaffold	28229	[T/G]	NA
Ca_Desi_Ch_scaffold02136_28253	Ca_desi_scaffold	28253	[A/C]	NA
Ca_Desi_Ch_scaffold02136_28256	Ca_desi_scaffold	28256	[A/C]	NA
Ca_Desi_Ch_scaffold02136_28313	Ca_desi_scaffold	28313	[A/T]	NA
Ca_Desi_Ch_scaffold02136_28316	Ca_desi_scaffold	28316	[T/C]	NA
Ca_Desi_Ch_scaffold02136_28320	Ca_desi_scaffold	28320	[A/G]	NA
Ca_Desi_Ch_scaffold02136_28326	Ca_desi_scaffold	28326	[T/C]	NA
Ca_Desi_Ch_scaffold02136_28328	Ca_desi_scaffold	28328	[T/C]	NA
Ca_Desi_Ch_scaffold02136_28351	Ca_desi_scaffold	28351	[T/C]	NA
Ca_Desi_Ch_scaffold02136_28359	Ca_desi_scaffold	28359	[A/G]	NA
Ca_Desi_Ch_scaffold02136_28371	Ca_desi_scaffold	28371	[T/C]	NA
Ca_Desi_Ch_scaffold02141_24253	Ca_desi_scaffold	24253	[A/G]	NA
Ca_Desi_Ch_scaffold02141_49139	Ca_desi_scaffold	49139	[T/C]	NA
Ca_Desi_Ch_scaffold02141_49144	Ca_desi_scaffold	49144	[A/T]	NA
Ca_Desi_Ch_scaffold02142_6683	Ca_desi_scaffold	6683	[C/T]	NA
Ca_Desi_Ch_scaffold02142_26337	Ca_desi_scaffold	26337	[A/G]	NA
Ca_Desi_Ch_scaffold02142_26541	Ca_desi_scaffold	26541	[T/C]	NA
Ca_Desi_Ch_scaffold02142_30207	Ca_desi_scaffold	30207	[T/A]	NA
Ca_Desi_Ch_scaffold02145_27512	Ca_desi_scaffold	27512	[G/T]	NA
Ca_Desi_Ch_scaffold02147_10201	Ca_desi_scaffold	10201	[C/A]	NA
Ca_Desi_Ch_scaffold02148_13767	Ca_desi_scaffold	13767	[T/C]	NA
Ca_Desi_Ch_scaffold02148_13888	Ca_desi_scaffold	13888	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold02157_5153	Ca_desi_scaffold	5153	[A/T]	NA
Ca_Desi_Chromosome_scaffold02157_5165	Ca_desi_scaffold	5165	[A/C]	NA
Ca_Desi_Chromosome_scaffold02157_5167	Ca_desi_scaffold	5167	[T/C]	NA
Ca_Desi_Chromosome_scaffold02157_5171	Ca_desi_scaffold	5171	[A/G]	NA
Ca_Desi_Chromosome_scaffold02157_5183	Ca_desi_scaffold	5183	[T/C]	NA
Ca_Desi_Chromosome_scaffold02162_7134	Ca_desi_scaffold	7134	[A/G]	NA
Ca_Desi_Chromosome_scaffold02162_49056	Ca_desi_scaffold	49056	[T/G]	NA
Ca_Desi_Chromosome_scaffold02166_38722	Ca_desi_scaffold	38722	[A/G]	NA
Ca_Desi_Chromosome_scaffold02168_46017	Ca_desi_scaffold	46017	[A/C]	NA
Ca_Desi_Chromosome_scaffold02168_47370	Ca_desi_scaffold	47370	[A/T]	NA
Ca_Desi_Chromosome_scaffold02168_47409	Ca_desi_scaffold	47409	[A/T]	NA
Ca_Desi_Chromosome_scaffold02168_47416	Ca_desi_scaffold	47416	[T/G]	NA
Ca_Desi_Chromosome_scaffold02168_47419	Ca_desi_scaffold	47419	[A/C]	NA
Ca_Desi_Chromosome_scaffold02168_47423	Ca_desi_scaffold	47423	[T/C]	NA
Ca_Desi_Chromosome_scaffold02168_47429	Ca_desi_scaffold	47429	[T/C]	NA
Ca_Desi_Chromosome_scaffold02168_48448	Ca_desi_scaffold	48448	[T/A]	NA
Ca_Desi_Chromosome_scaffold02171_39791	Ca_desi_scaffold	39791	[G/A]	NA
Ca_Desi_Chromosome_scaffold02171_40362	Ca_desi_scaffold	40362	[T/A]	NA
Ca_Desi_Chromosome_scaffold02171_42267	Ca_desi_scaffold	42267	[G/C]	NA
Ca_Desi_Chromosome_scaffold02173_28299	Ca_desi_scaffold	28299	[T/G]	NA
Ca_Desi_Chromosome_scaffold02174_16006	Ca_desi_scaffold	16006	[A/G]	NA
Ca_Desi_Chromosome_scaffold02177_46520	Ca_desi_scaffold	46520	[C/A]	NA
Ca_Desi_Chromosome_scaffold02177_46521	Ca_desi_scaffold	46521	[T/G]	NA
Ca_Desi_Chromosome_scaffold02180_39122	Ca_desi_scaffold	39122	[G/T]	NA
Ca_Desi_Chromosome_scaffold02180_39135	Ca_desi_scaffold	39135	[T/G]	NA
Ca_Desi_Chromosome_scaffold02180_39156	Ca_desi_scaffold	39156	[T/C]	NA
Ca_Desi_Chromosome_scaffold02187_25369	Ca_desi_scaffold	25369	[A/T]	NA
Ca_Desi_Chromosome_scaffold02187_25406	Ca_desi_scaffold	25406	[T/C]	NA
Ca_Desi_Chromosome_scaffold02187_25472	Ca_desi_scaffold	25472	[A/G]	NA
Ca_Desi_Chromosome_scaffold02191_15494	Ca_desi_scaffold	15494	[A/G]	NA
Ca_Desi_Chromosome_scaffold02191_15496	Ca_desi_scaffold	15496	[A/G]	NA
Ca_Desi_Chromosome_scaffold02191_15570	Ca_desi_scaffold	15570	[T/A]	NA
Ca_Desi_Chromosome_scaffold02191_30672	Ca_desi_scaffold	30672	[A/C]	NA
Ca_Desi_Chromosome_scaffold02192_3938	Ca_desi_scaffold	3938	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02192_3958	Ca_desi_scaffold	3958	[A/G]	NA
Ca_Desi_Ch_scaffold02192_3986	Ca_desi_scaffold	3986	[C/T]	NA
Ca_Desi_Ch_scaffold02192_4013	Ca_desi_scaffold	4013	[G/A]	NA
Ca_Desi_Ch_scaffold02192_4027	Ca_desi_scaffold	4027	[T/C]	NA
Ca_Desi_Ch_scaffold02192_4036	Ca_desi_scaffold	4036	[A/G]	NA
Ca_Desi_Ch_scaffold02192_4104	Ca_desi_scaffold	4104	[T/G]	NA
Ca_Desi_Ch_scaffold02192_4116	Ca_desi_scaffold	4116	[T/G]	NA
Ca_Desi_Ch_scaffold02192_4163	Ca_desi_scaffold	4163	[A/G]	NA
Ca_Desi_Ch_scaffold02192_4172	Ca_desi_scaffold	4172	[A/G]	NA
Ca_Desi_Ch_scaffold02192_4178	Ca_desi_scaffold	4178	[G/T]	NA
Ca_Desi_Ch_scaffold02192_42975	Ca_desi_scaffold	42975	[C/T]	NA
Ca_Desi_Ch_scaffold02192_43053	Ca_desi_scaffold	43053	[A/C]	NA
Ca_Desi_Ch_scaffold02192_43142	Ca_desi_scaffold	43142	[A/T]	NA
Ca_Desi_Ch_scaffold02192_48669	Ca_desi_scaffold	48669	[T/C]	NA
Ca_Desi_Ch_scaffold02192_49208	Ca_desi_scaffold	49208	[T/C]	NA
Ca_Desi_Ch_scaffold02197_35002	Ca_desi_scaffold	35002	[T/C]	NA
Ca_Desi_Ch_scaffold02201_17180	Ca_desi_scaffold	17180	[A/T]	NA
Ca_Desi_Ch_scaffold02209_43918	Ca_desi_scaffold	43918	[T/C]	NA
Ca_Desi_Ch_scaffold02209_43988	Ca_desi_scaffold	43988	[A/G]	NA
Ca_Desi_Ch_scaffold02209_43990	Ca_desi_scaffold	43990	[A/C]	NA
Ca_Desi_Ch_scaffold02209_44004	Ca_desi_scaffold	44004	[T/C]	NA
Ca_Desi_Ch_scaffold02209_44007	Ca_desi_scaffold	44007	[T/G]	NA
Ca_Desi_Ch_scaffold02209_44024	Ca_desi_scaffold	44024	[T/C]	NA
Ca_Desi_Ch_scaffold02218_13983	Ca_desi_scaffold	13983	[A/C]	NA
Ca_Desi_Ch_scaffold02218_13995	Ca_desi_scaffold	13995	[A/C]	NA
Ca_Desi_Ch_scaffold02225_28837	Ca_desi_scaffold	28837	[T/G]	NA
Ca_Desi_Ch_scaffold02225_28848	Ca_desi_scaffold	28848	[T/C]	NA
Ca_Desi_Ch_scaffold02225_28850	Ca_desi_scaffold	28850	[T/C]	NA
Ca_Desi_Ch_scaffold02225_28876	Ca_desi_scaffold	28876	[A/G]	NA
Ca_Desi_Ch_scaffold02225_28885	Ca_desi_scaffold	28885	[A/G]	NA
Ca_Desi_Ch_scaffold02225_32638	Ca_desi_scaffold	32638	[C/T]	NA
Ca_Desi_Ch_scaffold02226_995	Ca_desi_scaffold	995	[C/G]	NA
Ca_Desi_Ch_scaffold02227_19126	Ca_desi_scaffold	19126	[T/C]	NA
Ca_Desi_Ch_scaffold02227_19136	Ca_desi_scaffold	19136	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold02227_19147	Ca_desig_scaffold	19147	[A/G]	NA
Ca_Desig_Chr_scaffold02227_19160	Ca_desig_scaffold	19160	[T/C]	NA
Ca_Desig_Chr_scaffold02227_19168	Ca_desig_scaffold	19168	[A/C]	NA
Ca_Desig_Chr_scaffold02227_19181	Ca_desig_scaffold	19181	[A/T]	NA
Ca_Desig_Chr_scaffold02227_19404	Ca_desig_scaffold	19404	[A/C]	NA
Ca_Desig_Chr_scaffold02227_19408	Ca_desig_scaffold	19408	[T/C]	NA
Ca_Desig_Chr_scaffold02227_19418	Ca_desig_scaffold	19418	[T/C]	NA
Ca_Desig_Chr_scaffold02227_19426	Ca_desig_scaffold	19426	[A/C]	NA
Ca_Desig_Chr_scaffold02227_29013	Ca_desig_scaffold	29013	[A/C]	NA
Ca_Desig_Chr_scaffold02229_42213	Ca_desig_scaffold	42213	[T/G]	NA
Ca_Desig_Chr_scaffold02229_42303	Ca_desig_scaffold	42303	[T/C]	NA
Ca_Desig_Chr_scaffold02229_42307	Ca_desig_scaffold	42307	[T/G]	NA
Ca_Desig_Chr_scaffold02229_42333	Ca_desig_scaffold	42333	[T/G]	NA
Ca_Desig_Chr_scaffold02236_46003	Ca_desig_scaffold	46003	[A/G]	NA
Ca_Desig_Chr_scaffold02244_31153	Ca_desig_scaffold	31153	[C/T]	NA
Ca_Desig_Chr_scaffold02244_31159	Ca_desig_scaffold	31159	[C/T]	NA
Ca_Desig_Chr_scaffold02244_31161	Ca_desig_scaffold	31161	[A/T]	NA
Ca_Desig_Chr_scaffold02244_31163	Ca_desig_scaffold	31163	[C/T]	NA
Ca_Desig_Chr_scaffold02244_31172	Ca_desig_scaffold	31172	[A/G]	NA
Ca_Desig_Chr_scaffold02247_35927	Ca_desig_scaffold	35927	[A/C]	NA
Ca_Desig_Chr_scaffold02248_6766	Ca_desig_scaffold	6766	[A/C]	NA
Ca_Desig_Chr_scaffold02248_6774	Ca_desig_scaffold	6774	[A/G]	NA
Ca_Desig_Chr_scaffold02248_6776	Ca_desig_scaffold	6776	[G/C]	NA
Ca_Desig_Chr_scaffold02248_6788	Ca_desig_scaffold	6788	[A/G]	NA
Ca_Desig_Chr_scaffold02248_6796	Ca_desig_scaffold	6796	[A/G]	NA
Ca_Desig_Chr_scaffold02248_6809	Ca_desig_scaffold	6809	[T/C]	NA
Ca_Desig_Chr_scaffold02248_7713	Ca_desig_scaffold	7713	[A/G]	NA
Ca_Desig_Chr_scaffold02255_20813	Ca_desig_scaffold	20813	[A/T]	NA
Ca_Desig_Chr_scaffold02255_21012	Ca_desig_scaffold	21012	[G/C]	NA
Ca_Desig_Chr_scaffold02255_21031	Ca_desig_scaffold	21031	[A/G]	NA
Ca_Desig_Chr_scaffold02255_35762	Ca_desig_scaffold	35762	[T/G]	NA
Ca_Desig_Chr_scaffold02257_10460	Ca_desig_scaffold	10460	[A/T]	NA
Ca_Desig_Chr_scaffold02257_10475	Ca_desig_scaffold	10475	[T/G]	NA
Ca_Desig_Chr_scaffold02257_10491	Ca_desig_scaffold	10491	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold02257_10497	Ca_desig_scaffold	10497	[T/G]	NA
Ca_Desig_Chr_scaffold02257_10508	Ca_desig_scaffold	10508	[A/G]	NA
Ca_Desig_Chr_scaffold02257_10536	Ca_desig_scaffold	10536	[T/G]	NA
Ca_Desig_Chr_scaffold02257_10565	Ca_desig_scaffold	10565	[T/G]	NA
Ca_Desig_Chr_scaffold02257_10661	Ca_desig_scaffold	10661	[A/G]	NA
Ca_Desig_Chr_scaffold02257_10674	Ca_desig_scaffold	10674	[T/G]	NA
Ca_Desig_Chr_scaffold02257_10685	Ca_desig_scaffold	10685	[T/G]	NA
Ca_Desig_Chr_scaffold02257_10765	Ca_desig_scaffold	10765	[T/G]	NA
Ca_Desig_Chr_scaffold02257_10786	Ca_desig_scaffold	10786	[A/G]	NA
Ca_Desig_Chr_scaffold02257_21953	Ca_desig_scaffold	21953	[T/G]	NA
Ca_Desig_Chr_scaffold02257_22067	Ca_desig_scaffold	22067	[T/G]	NA
Ca_Desig_Chr_scaffold02257_32638	Ca_desig_scaffold	32638	[A/G]	NA
Ca_Desig_Chr_scaffold02257_32682	Ca_desig_scaffold	32682	[T/G]	NA
Ca_Desig_Chr_scaffold02257_34669	Ca_desig_scaffold	34669	[T/C]	NA
Ca_Desig_Chr_scaffold02259_28518	Ca_desig_scaffold	28518	[A/G]	NA
Ca_Desig_Chr_scaffold02259_28552	Ca_desig_scaffold	28552	[C/T]	NA
Ca_Desig_Chr_scaffold02259_31822	Ca_desig_scaffold	31822	[A/G]	NA
Ca_Desig_Chr_scaffold02267_3233	Ca_desig_scaffold	3233	[A/C]	NA
Ca_Desig_Chr_scaffold02273_5555	Ca_desig_scaffold	5555	[T/C]	NA
Ca_Desig_Chr_scaffold02273_5618	Ca_desig_scaffold	5618	[A/C]	NA
Ca_Desig_Chr_scaffold02279_1843	Ca_desig_scaffold	1843	[T/C]	NA
Ca_Desig_Chr_scaffold02279_1844	Ca_desig_scaffold	1844	[C/T]	NA
Ca_Desig_Chr_scaffold02279_1845	Ca_desig_scaffold	1845	[C/A]	NA
Ca_Desig_Chr_scaffold02279_1846	Ca_desig_scaffold	1846	[A/C]	NA
Ca_Desig_Chr_scaffold02279_1847	Ca_desig_scaffold	1847	[A/C]	NA
Ca_Desig_Chr_scaffold02282_18640	Ca_desig_scaffold	18640	[A/G]	NA
Ca_Desig_Chr_scaffold02283_9628	Ca_desig_scaffold	9628	[C/T]	NA
Ca_Desig_Chr_scaffold02283_9629	Ca_desig_scaffold	9629	[T/C]	NA
Ca_Desig_Chr_scaffold02283_9636	Ca_desig_scaffold	9636	[T/C]	NA
Ca_Desig_Chr_scaffold02283_36280	Ca_desig_scaffold	36280	[T/G]	NA
Ca_Desig_Chr_scaffold02283_36307	Ca_desig_scaffold	36307	[A/C]	NA
Ca_Desig_Chr_scaffold02286_17517	Ca_desig_scaffold	17517	[T/C]	NA
Ca_Desig_Chr_scaffold02287_12226	Ca_desig_scaffold	12226	[A/C]	NA
Ca_Desig_Chr_scaffold02287_12305	Ca_desig_scaffold	12305	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02287_12311	Ca_desi_scaffold	12311	[T/C]	NA
Ca_Desi_Ch_scaffold02287_12315	Ca_desi_scaffold	12315	[T/C]	NA
Ca_Desi_Ch_scaffold02287_12333	Ca_desi_scaffold	12333	[T/C]	NA
Ca_Desi_Ch_scaffold02287_12348	Ca_desi_scaffold	12348	[A/G]	NA
Ca_Desi_Ch_scaffold02291_45778	Ca_desi_scaffold	45778	[T/C]	NA
Ca_Desi_Ch_scaffold02291_45793	Ca_desi_scaffold	45793	[A/T]	NA
Ca_Desi_Ch_scaffold02291_45813	Ca_desi_scaffold	45813	[A/G]	NA
Ca_Desi_Ch_scaffold02291_45837	Ca_desi_scaffold	45837	[A/G]	NA
Ca_Desi_Ch_scaffold02297_25095	Ca_desi_scaffold	25095	[A/T]	NA
Ca_Desi_Ch_scaffold02297_25154	Ca_desi_scaffold	25154	[G/C]	NA
Ca_Desi_Ch_scaffold02297_25241	Ca_desi_scaffold	25241	[A/T]	NA
Ca_Desi_Ch_scaffold02297_25686	Ca_desi_scaffold	25686	[C/T]	NA
Ca_Desi_Ch_scaffold02297_25740	Ca_desi_scaffold	25740	[G/T]	NA
Ca_Desi_Ch_scaffold02297_25753	Ca_desi_scaffold	25753	[T/C]	NA
Ca_Desi_Ch_scaffold02297_25768	Ca_desi_scaffold	25768	[C/T]	NA
Ca_Desi_Ch_scaffold02304_8324	Ca_desi_scaffold	8324	[A/C]	NA
Ca_Desi_Ch_scaffold02305_29748	Ca_desi_scaffold	29748	[T/G]	NA
Ca_Desi_Ch_scaffold02311_18532	Ca_desi_scaffold	18532	[T/C]	NA
Ca_Desi_Ch_scaffold02311_18557	Ca_desi_scaffold	18557	[A/G]	NA
Ca_Desi_Ch_scaffold02311_18565	Ca_desi_scaffold	18565	[T/C]	NA
Ca_Desi_Ch_scaffold02311_18568	Ca_desi_scaffold	18568	[A/C]	NA
Ca_Desi_Ch_scaffold02311_18574	Ca_desi_scaffold	18574	[T/C]	NA
Ca_Desi_Ch_scaffold02312_928	Ca_desi_scaffold	928	[T/C]	NA
Ca_Desi_Ch_scaffold02312_957	Ca_desi_scaffold	957	[T/G]	NA
Ca_Desi_Ch_scaffold02312_959	Ca_desi_scaffold	959	[C/A]	NA
Ca_Desi_Ch_scaffold02312_962	Ca_desi_scaffold	962	[T/C]	NA
Ca_Desi_Ch_scaffold02312_964	Ca_desi_scaffold	964	[T/C]	NA
Ca_Desi_Ch_scaffold02312_3014	Ca_desi_scaffold	3014	[G/A]	NA
Ca_Desi_Ch_scaffold02312_3126	Ca_desi_scaffold	3126	[A/T]	NA
Ca_Desi_Ch_scaffold02312_3186	Ca_desi_scaffold	3186	[G/A]	NA
Ca_Desi_Ch_scaffold02312_3842	Ca_desi_scaffold	3842	[C/T]	NA
Ca_Desi_Ch_scaffold02312_3849	Ca_desi_scaffold	3849	[T/C]	NA
Ca_Desi_Ch_scaffold02312_3859	Ca_desi_scaffold	3859	[C/T]	NA
Ca_Desi_Ch_scaffold02312_3868	Ca_desi_scaffold	3868	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold02312_40688	Ca_desig_scaffold	40688	[G/C]	NA
Ca_Desig_Chr_scaffold02312_40694	Ca_desig_scaffold	40694	[T/C]	NA
Ca_Desig_Chr_scaffold02312_40709	Ca_desig_scaffold	40709	[C/T]	NA
Ca_Desig_Chr_scaffold02319_37852	Ca_desig_scaffold	37852	[G/C]	NA
Ca_Desig_Chr_scaffold02319_37854	Ca_desig_scaffold	37854	[A/T]	NA
Ca_Desig_Chr_scaffold02319_37873	Ca_desig_scaffold	37873	[T/A]	NA
Ca_Desig_Chr_scaffold02319_37877	Ca_desig_scaffold	37877	[C/A]	NA
Ca_Desig_Chr_scaffold02319_37879	Ca_desig_scaffold	37879	[A/C]	NA
Ca_Desig_Chr_scaffold02329_42113	Ca_desig_scaffold	42113	[T/G]	NA
Ca_Desig_Chr_scaffold02330_20687	Ca_desig_scaffold	20687	[A/T]	NA
Ca_Desig_Chr_scaffold02330_20688	Ca_desig_scaffold	20688	[C/T]	NA
Ca_Desig_Chr_scaffold02330_20692	Ca_desig_scaffold	20692	[A/T]	NA
Ca_Desig_Chr_scaffold02330_20696	Ca_desig_scaffold	20696	[A/T]	NA
Ca_Desig_Chr_scaffold02330_20705	Ca_desig_scaffold	20705	[C/T]	NA
Ca_Desig_Chr_scaffold02331_4100	Ca_desig_scaffold	4100	[T/C]	NA
Ca_Desig_Chr_scaffold02331_7573	Ca_desig_scaffold	7573	[T/C]	NA
Ca_Desig_Chr_scaffold02331_7725	Ca_desig_scaffold	7725	[A/T]	NA
Ca_Desig_Chr_scaffold02331_7733	Ca_desig_scaffold	7733	[T/C]	NA
Ca_Desig_Chr_scaffold02331_20083	Ca_desig_scaffold	20083	[C/G]	NA
Ca_Desig_Chr_scaffold02331_24952	Ca_desig_scaffold	24952	[T/C]	NA
Ca_Desig_Chr_scaffold02331_24988	Ca_desig_scaffold	24988	[T/G]	NA
Ca_Desig_Chr_scaffold02331_24994	Ca_desig_scaffold	24994	[C/G]	NA
Ca_Desig_Chr_scaffold02331_24997	Ca_desig_scaffold	24997	[A/G]	NA
Ca_Desig_Chr_scaffold02331_27348	Ca_desig_scaffold	27348	[C/T]	NA
Ca_Desig_Chr_scaffold02331_37834	Ca_desig_scaffold	37834	[A/G]	NA
Ca_Desig_Chr_scaffold02331_38095	Ca_desig_scaffold	38095	[G/C]	NA
Ca_Desig_Chr_scaffold02335_13564	Ca_desig_scaffold	13564	[C/T]	NA
Ca_Desig_Chr_scaffold02335_13566	Ca_desig_scaffold	13566	[T/G]	NA
Ca_Desig_Chr_scaffold02335_13578	Ca_desig_scaffold	13578	[C/A]	NA
Ca_Desig_Chr_scaffold02335_13586	Ca_desig_scaffold	13586	[T/A]	NA
Ca_Desig_Chr_scaffold02335_13603	Ca_desig_scaffold	13603	[T/C]	NA
Ca_Desig_Chr_scaffold02335_13636	Ca_desig_scaffold	13636	[T/G]	NA
Ca_Desig_Chr_scaffold02336_7293	Ca_desig_scaffold	7293	[T/C]	NA
Ca_Desig_Chr_scaffold02337_15523	Ca_desig_scaffold	15523	[T/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02337_15531	Ca_desi_scaffold	15531	[T/C]	NA
Ca_Desi_Ch_scaffold02337_15600	Ca_desi_scaffold	15600	[A/G]	NA
Ca_Desi_Ch_scaffold02337_15611	Ca_desi_scaffold	15611	[A/C]	NA
Ca_Desi_Ch_scaffold02340_19114	Ca_desi_scaffold	19114	[C/G]	NA
Ca_Desi_Ch_scaffold02340_19682	Ca_desi_scaffold	19682	[A/T]	NA
Ca_Desi_Ch_scaffold02340_19698	Ca_desi_scaffold	19698	[C/T]	NA
Ca_Desi_Ch_scaffold02342_3671	Ca_desi_scaffold	3671	[T/G]	NA
Ca_Desi_Ch_scaffold02342_7758	Ca_desi_scaffold	7758	[T/G]	NA
Ca_Desi_Ch_scaffold02342_7767	Ca_desi_scaffold	7767	[A/C]	NA
Ca_Desi_Ch_scaffold02342_8997	Ca_desi_scaffold	8997	[A/T]	NA
Ca_Desi_Ch_scaffold02342_9019	Ca_desi_scaffold	9019	[A/G]	NA
Ca_Desi_Ch_scaffold02343_9383	Ca_desi_scaffold	9383	[A/C]	NA
Ca_Desi_Ch_scaffold02348_27238	Ca_desi_scaffold	27238	[A/T]	NA
Ca_Desi_Ch_scaffold02357_21668	Ca_desi_scaffold	21668	[T/C]	NA
Ca_Desi_Ch_scaffold02357_21734	Ca_desi_scaffold	21734	[A/C]	NA
Ca_Desi_Ch_scaffold02359_9328	Ca_desi_scaffold	9328	[T/C]	NA
Ca_Desi_Ch_scaffold02359_9345	Ca_desi_scaffold	9345	[T/G]	NA
Ca_Desi_Ch_scaffold02361_28258	Ca_desi_scaffold	28258	[A/C]	NA
Ca_Desi_Ch_scaffold02368_13839	Ca_desi_scaffold	13839	[T/C]	NA
Ca_Desi_Ch_scaffold02370_17554	Ca_desi_scaffold	17554	[G/A]	NA
Ca_Desi_Ch_scaffold02370_17555	Ca_desi_scaffold	17555	[T/A]	NA
Ca_Desi_Ch_scaffold02370_17560	Ca_desi_scaffold	17560	[A/G]	NA
Ca_Desi_Ch_scaffold02370_17566	Ca_desi_scaffold	17566	[A/G]	NA
Ca_Desi_Ch_scaffold02371_42216	Ca_desi_scaffold	42216	[T/G]	NA
Ca_Desi_Ch_scaffold02377_16993	Ca_desi_scaffold	16993	[A/G]	NA
Ca_Desi_Ch_scaffold02377_17002	Ca_desi_scaffold	17002	[T/C]	NA
Ca_Desi_Ch_scaffold02377_17044	Ca_desi_scaffold	17044	[A/G]	NA
Ca_Desi_Ch_scaffold02384_14562	Ca_desi_scaffold	14562	[T/C]	NA
Ca_Desi_Ch_scaffold02384_14620	Ca_desi_scaffold	14620	[T/G]	NA
Ca_Desi_Ch_scaffold02384_16877	Ca_desi_scaffold	16877	[T/C]	NA
Ca_Desi_Ch_scaffold02384_16885	Ca_desi_scaffold	16885	[A/C]	NA
Ca_Desi_Ch_scaffold02384_16900	Ca_desi_scaffold	16900	[T/G]	NA
Ca_Desi_Ch_scaffold02384_16904	Ca_desi_scaffold	16904	[A/C]	NA
Ca_Desi_Ch_scaffold02384_16914	Ca_desi_scaffold	16914	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02387_41149	Ca_desi_scaffold	41149	[A/G]	NA
Ca_Desi_Ch_scaffold02387_41182	Ca_desi_scaffold	41182	[T/C]	NA
Ca_Desi_Ch_scaffold02387_41231	Ca_desi_scaffold	41231	[T/G]	NA
Ca_Desi_Ch_scaffold02387_41234	Ca_desi_scaffold	41234	[T/G]	NA
Ca_Desi_Ch_scaffold02387_41237	Ca_desi_scaffold	41237	[A/G]	NA
Ca_Desi_Ch_scaffold02387_41243	Ca_desi_scaffold	41243	[C/G]	NA
Ca_Desi_Ch_scaffold02387_41249	Ca_desi_scaffold	41249	[T/G]	NA
Ca_Desi_Ch_scaffold02389_37839	Ca_desi_scaffold	37839	[T/G]	NA
Ca_Desi_Ch_scaffold02389_38908	Ca_desi_scaffold	38908	[T/G]	NA
Ca_Desi_Ch_scaffold02389_42534	Ca_desi_scaffold	42534	[A/G]	NA
Ca_Desi_Ch_scaffold02389_42537	Ca_desi_scaffold	42537	[T/G]	NA
Ca_Desi_Ch_scaffold02389_42552	Ca_desi_scaffold	42552	[T/C]	NA
Ca_Desi_Ch_scaffold02389_42554	Ca_desi_scaffold	42554	[A/G]	NA
Ca_Desi_Ch_scaffold02389_42556	Ca_desi_scaffold	42556	[T/C]	NA
Ca_Desi_Ch_scaffold02389_42563	Ca_desi_scaffold	42563	[T/C]	NA
Ca_Desi_Ch_scaffold02389_42567	Ca_desi_scaffold	42567	[A/G]	NA
Ca_Desi_Ch_scaffold02391_35148	Ca_desi_scaffold	35148	[A/T]	NA
Ca_Desi_Ch_scaffold02391_41556	Ca_desi_scaffold	41556	[A/G]	NA
Ca_Desi_Ch_scaffold02391_41565	Ca_desi_scaffold	41565	[C/G]	NA
Ca_Desi_Ch_scaffold02391_41566	Ca_desi_scaffold	41566	[A/C]	NA
Ca_Desi_Ch_scaffold02395_38849	Ca_desi_scaffold	38849	[T/A]	NA
Ca_Desi_Ch_scaffold02401_2318	Ca_desi_scaffold	2318	[A/C]	NA
Ca_Desi_Ch_scaffold02401_5641	Ca_desi_scaffold	5641	[T/G]	NA
Ca_Desi_Ch_scaffold02401_5756	Ca_desi_scaffold	5756	[T/G]	NA
Ca_Desi_Ch_scaffold02401_5773	Ca_desi_scaffold	5773	[T/C]	NA
Ca_Desi_Ch_scaffold02401_12927	Ca_desi_scaffold	12927	[A/G]	NA
Ca_Desi_Ch_scaffold02401_27129	Ca_desi_scaffold	27129	[T/G]	NA
Ca_Desi_Ch_scaffold02402_41537	Ca_desi_scaffold	41537	[T/A]	NA
Ca_Desi_Ch_scaffold02402_41539	Ca_desi_scaffold	41539	[A/C]	NA
Ca_Desi_Ch_scaffold02402_41540	Ca_desi_scaffold	41540	[G/T]	NA
Ca_Desi_Ch_scaffold02404_19740	Ca_desi_scaffold	19740	[T/C]	NA
Ca_Desi_Ch_scaffold02404_19767	Ca_desi_scaffold	19767	[T/C]	NA
Ca_Desi_Ch_scaffold02404_19809	Ca_desi_scaffold	19809	[T/C]	NA
Ca_Desi_Ch_scaffold02404_20851	Ca_desi_scaffold	20851	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02404_33944	Ca_desi_scaffold	33944	[A/C]	NA
Ca_Desi_Ch_scaffold02404_36320	Ca_desi_scaffold	36320	[A/C]	NA
Ca_Desi_Ch_scaffold02406_34878	Ca_desi_scaffold	34878	[T/A]	NA
Ca_Desi_Ch_scaffold02407_25895	Ca_desi_scaffold	25895	[T/C]	NA
Ca_Desi_Ch_scaffold02414_4515	Ca_desi_scaffold	4515	[C/T]	NA
Ca_Desi_Ch_scaffold02414_4518	Ca_desi_scaffold	4518	[C/T]	NA
Ca_Desi_Ch_scaffold02414_5046	Ca_desi_scaffold	5046	[G/C]	NA
Ca_Desi_Ch_scaffold02415_1781	Ca_desi_scaffold	1781	[C/G]	NA
Ca_Desi_Ch_scaffold02416_3216	Ca_desi_scaffold	3216	[C/G]	NA
Ca_Desi_Ch_scaffold02416_7540	Ca_desi_scaffold	7540	[T/G]	NA
Ca_Desi_Ch_scaffold02416_7550	Ca_desi_scaffold	7550	[A/G]	NA
Ca_Desi_Ch_scaffold02418_15570	Ca_desi_scaffold	15570	[T/G]	NA
Ca_Desi_Ch_scaffold02421_23556	Ca_desi_scaffold	23556	[A/C]	NA
Ca_Desi_Ch_scaffold02421_23585	Ca_desi_scaffold	23585	[T/A]	NA
Ca_Desi_Ch_scaffold02421_27360	Ca_desi_scaffold	27360	[T/C]	NA
Ca_Desi_Ch_scaffold02422_40150	Ca_desi_scaffold	40150	[T/G]	NA
Ca_Desi_Ch_scaffold02427_33789	Ca_desi_scaffold	33789	[G/A]	NA
Ca_Desi_Ch_scaffold02430_4407	Ca_desi_scaffold	4407	[A/G]	NA
Ca_Desi_Ch_scaffold02430_4436	Ca_desi_scaffold	4436	[C/T]	NA
Ca_Desi_Ch_scaffold02434_11181	Ca_desi_scaffold	11181	[T/C]	NA
Ca_Desi_Ch_scaffold02434_27819	Ca_desi_scaffold	27819	[T/G]	NA
Ca_Desi_Ch_scaffold02434_27940	Ca_desi_scaffold	27940	[A/C]	NA
Ca_Desi_Ch_scaffold02434_27948	Ca_desi_scaffold	27948	[A/G]	NA
Ca_Desi_Ch_scaffold02434_27956	Ca_desi_scaffold	27956	[A/G]	NA
Ca_Desi_Ch_scaffold02434_27961	Ca_desi_scaffold	27961	[T/C]	NA
Ca_Desi_Ch_scaffold02434_27965	Ca_desi_scaffold	27965	[A/G]	NA
Ca_Desi_Ch_scaffold02434_27975	Ca_desi_scaffold	27975	[T/A]	NA
Ca_Desi_Ch_scaffold02434_28034	Ca_desi_scaffold	28034	[T/G]	NA
Ca_Desi_Ch_scaffold02434_28037	Ca_desi_scaffold	28037	[T/C]	NA
Ca_Desi_Ch_scaffold02434_28051	Ca_desi_scaffold	28051	[A/G]	NA
Ca_Desi_Ch_scaffold02434_28075	Ca_desi_scaffold	28075	[T/C]	NA
Ca_Desi_Ch_scaffold02434_28331	Ca_desi_scaffold	28331	[T/C]	NA
Ca_Desi_Ch_scaffold02434_28397	Ca_desi_scaffold	28397	[A/G]	NA
Ca_Desi_Ch_scaffold02434_30001	Ca_desi_scaffold	30001	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02437_10448	Ca_desi_scaffold	10448	[A/G]	NA
Ca_Desi_Ch_scaffold02437_10451	Ca_desi_scaffold	10451	[C/T]	NA
Ca_Desi_Ch_scaffold02437_10556	Ca_desi_scaffold	10556	[A/G]	NA
Ca_Desi_Ch_scaffold02437_10694	Ca_desi_scaffold	10694	[G/T]	NA
Ca_Desi_Ch_scaffold02437_10754	Ca_desi_scaffold	10754	[G/A]	NA
Ca_Desi_Ch_scaffold02437_21498	Ca_desi_scaffold	21498	[A/G]	NA
Ca_Desi_Ch_scaffold02437_21853	Ca_desi_scaffold	21853	[A/T]	NA
Ca_Desi_Ch_scaffold02437_21874	Ca_desi_scaffold	21874	[T/C]	NA
Ca_Desi_Ch_scaffold02437_24605	Ca_desi_scaffold	24605	[G/T]	NA
Ca_Desi_Ch_scaffold02437_24637	Ca_desi_scaffold	24637	[A/G]	NA
Ca_Desi_Ch_scaffold02437_24664	Ca_desi_scaffold	24664	[A/C]	NA
Ca_Desi_Ch_scaffold02437_24691	Ca_desi_scaffold	24691	[A/G]	NA
Ca_Desi_Ch_scaffold02437_24695	Ca_desi_scaffold	24695	[A/G]	NA
Ca_Desi_Ch_scaffold02437_24945	Ca_desi_scaffold	24945	[T/G]	NA
Ca_Desi_Ch_scaffold02443_19233	Ca_desi_scaffold	19233	[T/C]	NA
Ca_Desi_Ch_scaffold02443_19247	Ca_desi_scaffold	19247	[T/G]	NA
Ca_Desi_Ch_scaffold02445_12079	Ca_desi_scaffold	12079	[A/C]	NA
Ca_Desi_Ch_scaffold02446_21352	Ca_desi_scaffold	21352	[A/G]	NA
Ca_Desi_Ch_scaffold02446_21358	Ca_desi_scaffold	21358	[A/G]	NA
Ca_Desi_Ch_scaffold02446_21360	Ca_desi_scaffold	21360	[A/G]	NA
Ca_Desi_Ch_scaffold02446_21373	Ca_desi_scaffold	21373	[A/G]	NA
Ca_Desi_Ch_scaffold02446_21402	Ca_desi_scaffold	21402	[T/C]	NA
Ca_Desi_Ch_scaffold02446_21406	Ca_desi_scaffold	21406	[A/C]	NA
Ca_Desi_Ch_scaffold02446_21991	Ca_desi_scaffold	21991	[T/G]	NA
Ca_Desi_Ch_scaffold02446_22014	Ca_desi_scaffold	22014	[A/G]	NA
Ca_Desi_Ch_scaffold02446_22021	Ca_desi_scaffold	22021	[T/G]	NA
Ca_Desi_Ch_scaffold02446_24405	Ca_desi_scaffold	24405	[T/C]	NA
Ca_Desi_Ch_scaffold02446_24415	Ca_desi_scaffold	24415	[A/G]	NA
Ca_Desi_Ch_scaffold02446_24421	Ca_desi_scaffold	24421	[A/C]	NA
Ca_Desi_Ch_scaffold02446_24443	Ca_desi_scaffold	24443	[A/G]	NA
Ca_Desi_Ch_scaffold02446_24450	Ca_desi_scaffold	24450	[T/C]	NA
Ca_Desi_Ch_scaffold02446_26915	Ca_desi_scaffold	26915	[A/T]	NA
Ca_Desi_Ch_scaffold02446_26918	Ca_desi_scaffold	26918	[G/C]	NA
Ca_Desi_Ch_scaffold02446_26919	Ca_desi_scaffold	26919	[C/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold02446_26921	Ca_desig_scaffold	26921	[C/A]	NA
Ca_Desig_Chr_scaffold02446_26922	Ca_desig_scaffold	26922	[A/G]	NA
Ca_Desig_Chr_scaffold02446_26923	Ca_desig_scaffold	26923	[G/A]	NA
Ca_Desig_Chr_scaffold02446_26931	Ca_desig_scaffold	26931	[T/C]	NA
Ca_Desig_Chr_scaffold02446_26934	Ca_desig_scaffold	26934	[T/C]	NA
Ca_Desig_Chr_scaffold02446_26935	Ca_desig_scaffold	26935	[C/G]	NA
Ca_Desig_Chr_scaffold02446_26937	Ca_desig_scaffold	26937	[T/C]	NA
Ca_Desig_Chr_scaffold02446_26940	Ca_desig_scaffold	26940	[G/T]	NA
Ca_Desig_Chr_scaffold02446_26941	Ca_desig_scaffold	26941	[T/C]	NA
Ca_Desig_Chr_scaffold02446_26945	Ca_desig_scaffold	26945	[A/C]	NA
Ca_Desig_Chr_scaffold02446_26948	Ca_desig_scaffold	26948	[C/A]	NA
Ca_Desig_Chr_scaffold02446_26956	Ca_desig_scaffold	26956	[A/T]	NA
Ca_Desig_Chr_scaffold02447_36007	Ca_desig_scaffold	36007	[T/G]	NA
Ca_Desig_Chr_scaffold02458_6744	Ca_desig_scaffold	6744	[T/C]	NA
Ca_Desig_Chr_scaffold02458_6758	Ca_desig_scaffold	6758	[T/C]	NA
Ca_Desig_Chr_scaffold02458_6764	Ca_desig_scaffold	6764	[A/G]	NA
Ca_Desig_Chr_scaffold02458_6770	Ca_desig_scaffold	6770	[A/G]	NA
Ca_Desig_Chr_scaffold02458_6777	Ca_desig_scaffold	6777	[T/A]	NA
Ca_Desig_Chr_scaffold02458_6781	Ca_desig_scaffold	6781	[A/G]	NA
Ca_Desig_Chr_scaffold02458_6785	Ca_desig_scaffold	6785	[A/G]	NA
Ca_Desig_Chr_scaffold02458_6791	Ca_desig_scaffold	6791	[T/C]	NA
Ca_Desig_Chr_scaffold02458_36649	Ca_desig_scaffold	36649	[T/C]	NA
Ca_Desig_Chr_scaffold02458_36720	Ca_desig_scaffold	36720	[A/G]	NA
Ca_Desig_Chr_scaffold02460_9381	Ca_desig_scaffold	9381	[A/T]	NA
Ca_Desig_Chr_scaffold02460_30268	Ca_desig_scaffold	30268	[A/T]	NA
Ca_Desig_Chr_scaffold02460_30272	Ca_desig_scaffold	30272	[C/G]	NA
Ca_Desig_Chr_scaffold02460_30274	Ca_desig_scaffold	30274	[G/A]	NA
Ca_Desig_Chr_scaffold02460_30275	Ca_desig_scaffold	30275	[G/C]	NA
Ca_Desig_Chr_scaffold02460_30276	Ca_desig_scaffold	30276	[T/C]	NA
Ca_Desig_Chr_scaffold02460_30282	Ca_desig_scaffold	30282	[T/G]	NA
Ca_Desig_Chr_scaffold02460_30285	Ca_desig_scaffold	30285	[T/G]	NA
Ca_Desig_Chr_scaffold02460_30294	Ca_desig_scaffold	30294	[T/G]	NA
Ca_Desig_Chr_scaffold02460_30300	Ca_desig_scaffold	30300	[A/G]	NA
Ca_Desig_Chr_scaffold02460_30303	Ca_desig_scaffold	30303	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold02460_30306	Ca_desig_scaffold	30306	[A/G]	NA
Ca_Desig_Chr_scaffold02460_30308	Ca_desig_scaffold	30308	[G/C]	NA
Ca_Desig_Chr_scaffold02460_30309	Ca_desig_scaffold	30309	[A/G]	NA
Ca_Desig_Chr_scaffold02467_1980	Ca_desig_scaffold	1980	[T/G]	NA
Ca_Desig_Chr_scaffold02467_1984	Ca_desig_scaffold	1984	[G/T]	NA
Ca_Desig_Chr_scaffold02470_42155	Ca_desig_scaffold	42155	[T/C]	NA
Ca_Desig_Chr_scaffold02470_42174	Ca_desig_scaffold	42174	[A/T]	NA
Ca_Desig_Chr_scaffold02470_42194	Ca_desig_scaffold	42194	[T/C]	NA
Ca_Desig_Chr_scaffold02470_42211	Ca_desig_scaffold	42211	[T/C]	NA
Ca_Desig_Chr_scaffold02470_42220	Ca_desig_scaffold	42220	[T/C]	NA
Ca_Desig_Chr_scaffold02470_42226	Ca_desig_scaffold	42226	[A/G]	NA
Ca_Desig_Chr_scaffold02470_42235	Ca_desig_scaffold	42235	[T/C]	NA
Ca_Desig_Chr_scaffold02470_42241	Ca_desig_scaffold	42241	[A/G]	NA
Ca_Desig_Chr_scaffold02470_42243	Ca_desig_scaffold	42243	[T/G]	NA
Ca_Desig_Chr_scaffold02470_42247	Ca_desig_scaffold	42247	[T/C]	NA
Ca_Desig_Chr_scaffold02476_22506	Ca_desig_scaffold	22506	[G/A]	NA
Ca_Desig_Chr_scaffold02476_22518	Ca_desig_scaffold	22518	[T/G]	NA
Ca_Desig_Chr_scaffold02476_22549	Ca_desig_scaffold	22549	[A/C]	NA
Ca_Desig_Chr_scaffold02476_22551	Ca_desig_scaffold	22551	[T/C]	NA
Ca_Desig_Chr_scaffold02476_22554	Ca_desig_scaffold	22554	[A/C]	NA
Ca_Desig_Chr_scaffold02476_23414	Ca_desig_scaffold	23414	[T/G]	NA
Ca_Desig_Chr_scaffold02476_23417	Ca_desig_scaffold	23417	[A/G]	NA
Ca_Desig_Chr_scaffold02476_35000	Ca_desig_scaffold	35000	[A/C]	NA
Ca_Desig_Chr_scaffold02476_35029	Ca_desig_scaffold	35029	[A/G]	NA
Ca_Desig_Chr_scaffold02478_867	Ca_desig_scaffold	867	[C/T]	NA
Ca_Desig_Chr_scaffold02478_37008	Ca_desig_scaffold	37008	[G/A]	NA
Ca_Desig_Chr_scaffold02478_37036	Ca_desig_scaffold	37036	[G/A]	NA
Ca_Desig_Chr_scaffold02478_37185	Ca_desig_scaffold	37185	[A/G]	NA
Ca_Desig_Chr_scaffold02478_37194	Ca_desig_scaffold	37194	[A/G]	NA
Ca_Desig_Chr_scaffold02478_37259	Ca_desig_scaffold	37259	[A/G]	NA
Ca_Desig_Chr_scaffold02478_37275	Ca_desig_scaffold	37275	[A/G]	NA
Ca_Desig_Chr_scaffold02478_37295	Ca_desig_scaffold	37295	[A/C]	NA
Ca_Desig_Chr_scaffold02482_13351	Ca_desig_scaffold	13351	[T/C]	NA
Ca_Desig_Chr_scaffold02482_13358	Ca_desig_scaffold	13358	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold02485_38183	Ca_desig_scaffold	38183	[T/C]	NA
Ca_DesigChr_scaffold02485_38186	Ca_desig_scaffold	38186	[A/G]	NA
Ca_DesigChr_scaffold02485_38189	Ca_desig_scaffold	38189	[A/G]	NA
Ca_DesigChr_scaffold02485_38199	Ca_desig_scaffold	38199	[T/G]	NA
Ca_DesigChr_scaffold02485_38208	Ca_desig_scaffold	38208	[T/C]	NA
Ca_DesigChr_scaffold02485_38214	Ca_desig_scaffold	38214	[C/T]	NA
Ca_DesigChr_scaffold02485_38215	Ca_desig_scaffold	38215	[T/C]	NA
Ca_DesigChr_scaffold02485_38217	Ca_desig_scaffold	38217	[T/C]	NA
Ca_DesigChr_scaffold02485_38233	Ca_desig_scaffold	38233	[A/G]	NA
Ca_DesigChr_scaffold02486_8095	Ca_desig_scaffold	8095	[T/G]	NA
Ca_DesigChr_scaffold02487_7703	Ca_desig_scaffold	7703	[A/G]	NA
Ca_DesigChr_scaffold02487_7705	Ca_desig_scaffold	7705	[A/G]	NA
Ca_DesigChr_scaffold02493_37024	Ca_desig_scaffold	37024	[T/C]	NA
Ca_DesigChr_scaffold02493_37043	Ca_desig_scaffold	37043	[T/C]	NA
Ca_DesigChr_scaffold02493_37103	Ca_desig_scaffold	37103	[T/A]	NA
Ca_DesigChr_scaffold02494_18482	Ca_desig_scaffold	18482	[C/T]	NA
Ca_DesigChr_scaffold02494_30715	Ca_desig_scaffold	30715	[T/C]	NA
Ca_DesigChr_scaffold02494_30779	Ca_desig_scaffold	30779	[A/C]	NA
Ca_DesigChr_scaffold02497_24052	Ca_desig_scaffold	24052	[T/G]	NA
Ca_DesigChr_scaffold02502_23999	Ca_desig_scaffold	23999	[T/C]	NA
Ca_DesigChr_scaffold02502_24009	Ca_desig_scaffold	24009	[T/C]	NA
Ca_DesigChr_scaffold02502_24065	Ca_desig_scaffold	24065	[A/G]	NA
Ca_DesigChr_scaffold02503_31455	Ca_desig_scaffold	31455	[A/G]	NA
Ca_DesigChr_scaffold02514_1020	Ca_desig_scaffold	1020	[C/T]	NA
Ca_DesigChr_scaffold02514_1026	Ca_desig_scaffold	1026	[G/T]	NA
Ca_DesigChr_scaffold02514_6393	Ca_desig_scaffold	6393	[T/C]	NA
Ca_DesigChr_scaffold02514_6420	Ca_desig_scaffold	6420	[A/T]	NA
Ca_DesigChr_scaffold02523_39385	Ca_desig_scaffold	39385	[A/C]	NA
Ca_DesigChr_scaffold02527_16654	Ca_desig_scaffold	16654	[G/T]	NA
Ca_DesigChr_scaffold02527_16673	Ca_desig_scaffold	16673	[A/T]	NA
Ca_DesigChr_scaffold02528_17075	Ca_desig_scaffold	17075	[T/G]	NA
Ca_DesigChr_scaffold02528_17159	Ca_desig_scaffold	17159	[T/G]	NA
Ca_DesigChr_scaffold02528_17179	Ca_desig_scaffold	17179	[A/C]	NA
Ca_DesigChr_scaffold02528_17185	Ca_desig_scaffold	17185	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02528_17191	Ca_desi_scaffold	17191	[A/C]	NA
Ca_Desi_Ch_scaffold02528_17195	Ca_desi_scaffold	17195	[A/C]	NA
Ca_Desi_Ch_scaffold02528_30947	Ca_desi_scaffold	30947	[T/G]	NA
Ca_Desi_Ch_scaffold02529_14815	Ca_desi_scaffold	14815	[A/G]	NA
Ca_Desi_Ch_scaffold02529_14818	Ca_desi_scaffold	14818	[T/C]	NA
Ca_Desi_Ch_scaffold02529_14828	Ca_desi_scaffold	14828	[A/G]	NA
Ca_Desi_Ch_scaffold02529_14862	Ca_desi_scaffold	14862	[A/G]	NA
Ca_Desi_Ch_scaffold02529_14868	Ca_desi_scaffold	14868	[T/C]	NA
Ca_Desi_Ch_scaffold02529_16343	Ca_desi_scaffold	16343	[T/G]	NA
Ca_Desi_Ch_scaffold02537_13712	Ca_desi_scaffold	13712	[G/A]	NA
Ca_Desi_Ch_scaffold02537_13729	Ca_desi_scaffold	13729	[C/T]	NA
Ca_Desi_Ch_scaffold02537_35978	Ca_desi_scaffold	35978	[C/A]	NA
Ca_Desi_Ch_scaffold02537_35987	Ca_desi_scaffold	35987	[T/C]	NA
Ca_Desi_Ch_scaffold02538_8168	Ca_desi_scaffold	8168	[T/C]	NA
Ca_Desi_Ch_scaffold02538_12713	Ca_desi_scaffold	12713	[T/A]	NA
Ca_Desi_Ch_scaffold02545_5960	Ca_desi_scaffold	5960	[T/G]	NA
Ca_Desi_Ch_scaffold02545_9913	Ca_desi_scaffold	9913	[T/A]	NA
Ca_Desi_Ch_scaffold02547_20189	Ca_desi_scaffold	20189	[T/C]	NA
Ca_Desi_Ch_scaffold02547_20197	Ca_desi_scaffold	20197	[G/T]	NA
Ca_Desi_Ch_scaffold02547_20214	Ca_desi_scaffold	20214	[A/G]	NA
Ca_Desi_Ch_scaffold02547_20246	Ca_desi_scaffold	20246	[A/G]	NA
Ca_Desi_Ch_scaffold02547_20275	Ca_desi_scaffold	20275	[T/G]	NA
Ca_Desi_Ch_scaffold02547_20284	Ca_desi_scaffold	20284	[A/G]	NA
Ca_Desi_Ch_scaffold02547_20288	Ca_desi_scaffold	20288	[T/G]	NA
Ca_Desi_Ch_scaffold02547_20303	Ca_desi_scaffold	20303	[T/A]	NA
Ca_Desi_Ch_scaffold02548_11246	Ca_desi_scaffold	11246	[T/G]	NA
Ca_Desi_Ch_scaffold02548_11287	Ca_desi_scaffold	11287	[T/G]	NA
Ca_Desi_Ch_scaffold02554_10724	Ca_desi_scaffold	10724	[T/C]	NA
Ca_Desi_Ch_scaffold02554_10733	Ca_desi_scaffold	10733	[A/G]	NA
Ca_Desi_Ch_scaffold02562_722	Ca_desi_scaffold	722	[T/A]	NA
Ca_Desi_Ch_scaffold02562_16495	Ca_desi_scaffold	16495	[T/G]	NA
Ca_Desi_Ch_scaffold02562_22965	Ca_desi_scaffold	22965	[C/T]	NA
Ca_Desi_Ch_scaffold02562_25606	Ca_desi_scaffold	25606	[T/G]	NA
Ca_Desi_Ch_scaffold02562_26515	Ca_desi_scaffold	26515	[A/T]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02562_26633	Ca_desi_scaffold	26633	[T/G]	NA
Ca_Desi_Ch_scaffold02562_35472	Ca_desi_scaffold	35472	[T/C]	NA
Ca_Desi_Ch_scaffold02562_35478	Ca_desi_scaffold	35478	[A/G]	NA
Ca_Desi_Ch_scaffold02562_35483	Ca_desi_scaffold	35483	[A/C]	NA
Ca_Desi_Ch_scaffold02562_35486	Ca_desi_scaffold	35486	[T/C]	NA
Ca_Desi_Ch_scaffold02562_35491	Ca_desi_scaffold	35491	[A/G]	NA
Ca_Desi_Ch_scaffold02562_35512	Ca_desi_scaffold	35512	[A/G]	NA
Ca_Desi_Ch_scaffold02566_17740	Ca_desi_scaffold	17740	[A/T]	NA
Ca_Desi_Ch_scaffold02566_17748	Ca_desi_scaffold	17748	[A/G]	NA
Ca_Desi_Ch_scaffold02566_17755	Ca_desi_scaffold	17755	[G/T]	NA
Ca_Desi_Ch_scaffold02566_17756	Ca_desi_scaffold	17756	[A/G]	NA
Ca_Desi_Ch_scaffold02566_17767	Ca_desi_scaffold	17767	[A/G]	NA
Ca_Desi_Ch_scaffold02566_17776	Ca_desi_scaffold	17776	[T/A]	NA
Ca_Desi_Ch_scaffold02573_24474	Ca_desi_scaffold	24474	[T/G]	NA
Ca_Desi_Ch_scaffold02584_784	Ca_desi_scaffold	784	[G/T]	NA
Ca_Desi_Ch_scaffold02584_793	Ca_desi_scaffold	793	[T/C]	NA
Ca_Desi_Ch_scaffold02584_795	Ca_desi_scaffold	795	[A/C]	NA
Ca_Desi_Ch_scaffold02584_797	Ca_desi_scaffold	797	[T/C]	NA
Ca_Desi_Ch_scaffold02584_801	Ca_desi_scaffold	801	[T/C]	NA
Ca_Desi_Ch_scaffold02584_803	Ca_desi_scaffold	803	[C/A]	NA
Ca_Desi_Ch_scaffold02584_805	Ca_desi_scaffold	805	[T/G]	NA
Ca_Desi_Ch_scaffold02584_820	Ca_desi_scaffold	820	[T/C]	NA
Ca_Desi_Ch_scaffold02584_824	Ca_desi_scaffold	824	[T/C]	NA
Ca_Desi_Ch_scaffold02584_825	Ca_desi_scaffold	825	[C/G]	NA
Ca_Desi_Ch_scaffold02584_833	Ca_desi_scaffold	833	[G/A]	NA
Ca_Desi_Ch_scaffold02584_33946	Ca_desi_scaffold	33946	[T/A]	NA
Ca_Desi_Ch_scaffold02584_34087	Ca_desi_scaffold	34087	[A/C]	NA
Ca_Desi_Ch_scaffold02592_4241	Ca_desi_scaffold	4241	[A/G]	NA
Ca_Desi_Ch_scaffold02593_4635	Ca_desi_scaffold	4635	[A/G]	NA
Ca_Desi_Ch_scaffold02595_17174	Ca_desi_scaffold	17174	[C/G]	NA
Ca_Desi_Ch_scaffold02595_17176	Ca_desi_scaffold	17176	[T/C]	NA
Ca_Desi_Ch_scaffold02595_17178	Ca_desi_scaffold	17178	[T/A]	NA
Ca_Desi_Ch_scaffold02595_17194	Ca_desi_scaffold	17194	[T/A]	NA
Ca_Desi_Ch_scaffold02595_32237	Ca_desi_scaffold	32237	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold02595_32270	Ca_desig_scaffold	32270	[C/A]	NA
Ca_DesigChr_scaffold02595_34448	Ca_desig_scaffold	34448	[A/T]	NA
Ca_DesigChr_scaffold02596_3362	Ca_desig_scaffold	3362	[T/C]	NA
Ca_DesigChr_scaffold02596_3364	Ca_desig_scaffold	3364	[T/C]	NA
Ca_DesigChr_scaffold02596_29935	Ca_desig_scaffold	29935	[G/A]	NA
Ca_DesigChr_scaffold02602_3505	Ca_desig_scaffold	3505	[A/C]	NA
Ca_DesigChr_scaffold02602_8133	Ca_desig_scaffold	8133	[T/C]	NA
Ca_DesigChr_scaffold02602_8138	Ca_desig_scaffold	8138	[A/G]	NA
Ca_DesigChr_scaffold02602_8152	Ca_desig_scaffold	8152	[T/C]	NA
Ca_DesigChr_scaffold02602_8171	Ca_desig_scaffold	8171	[T/C]	NA
Ca_DesigChr_scaffold02602_8182	Ca_desig_scaffold	8182	[A/G]	NA
Ca_DesigChr_scaffold02602_8189	Ca_desig_scaffold	8189	[T/C]	NA
Ca_DesigChr_scaffold02602_22134	Ca_desig_scaffold	22134	[T/C]	NA
Ca_DesigChr_scaffold02602_22137	Ca_desig_scaffold	22137	[A/T]	NA
Ca_DesigChr_scaffold02602_22138	Ca_desig_scaffold	22138	[T/C]	NA
Ca_DesigChr_scaffold02602_22159	Ca_desig_scaffold	22159	[G/T]	NA
Ca_DesigChr_scaffold02603_4424	Ca_desig_scaffold	4424	[T/G]	NA
Ca_DesigChr_scaffold02603_4433	Ca_desig_scaffold	4433	[A/G]	NA
Ca_DesigChr_scaffold02603_4559	Ca_desig_scaffold	4559	[A/C]	NA
Ca_DesigChr_scaffold02603_7442	Ca_desig_scaffold	7442	[G/A]	NA
Ca_DesigChr_scaffold02603_7443	Ca_desig_scaffold	7443	[A/G]	NA
Ca_DesigChr_scaffold02603_7972	Ca_desig_scaffold	7972	[T/G]	NA
Ca_DesigChr_scaffold02603_16445	Ca_desig_scaffold	16445	[T/A]	NA
Ca_DesigChr_scaffold02603_16475	Ca_desig_scaffold	16475	[A/T]	NA
Ca_DesigChr_scaffold02610_29165	Ca_desig_scaffold	29165	[A/G]	NA
Ca_DesigChr_scaffold02610_29168	Ca_desig_scaffold	29168	[G/T]	NA
Ca_DesigChr_scaffold02610_29170	Ca_desig_scaffold	29170	[T/C]	NA
Ca_DesigChr_scaffold02610_29179	Ca_desig_scaffold	29179	[A/T]	NA
Ca_DesigChr_scaffold02610_29186	Ca_desig_scaffold	29186	[A/G]	NA
Ca_DesigChr_scaffold02610_29198	Ca_desig_scaffold	29198	[T/G]	NA
Ca_DesigChr_scaffold02610_29200	Ca_desig_scaffold	29200	[T/G]	NA
Ca_DesigChr_scaffold02610_29208	Ca_desig_scaffold	29208	[T/G]	NA
Ca_DesigChr_scaffold02610_29213	Ca_desig_scaffold	29213	[C/T]	NA
Ca_DesigChr_scaffold02610_29225	Ca_desig_scaffold	29225	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02611_598	Ca_desi_scaffold	598	[C/T]	NA
Ca_Desi_Ch_scaffold02613_23135	Ca_desi_scaffold	23135	[T/C]	NA
Ca_Desi_Ch_scaffold02615_5918	Ca_desi_scaffold	5918	[T/G]	NA
Ca_Desi_Ch_scaffold02616_19146	Ca_desi_scaffold	19146	[T/G]	NA
Ca_Desi_Ch_scaffold02616_19155	Ca_desi_scaffold	19155	[A/T]	NA
Ca_Desi_Ch_scaffold02619_19839	Ca_desi_scaffold	19839	[T/G]	NA
Ca_Desi_Ch_scaffold02619_19842	Ca_desi_scaffold	19842	[T/G]	NA
Ca_Desi_Ch_scaffold02619_19848	Ca_desi_scaffold	19848	[T/G]	NA
Ca_Desi_Ch_scaffold02619_19856	Ca_desi_scaffold	19856	[T/G]	NA
Ca_Desi_Ch_scaffold02620_3523	Ca_desi_scaffold	3523	[A/G]	NA
Ca_Desi_Ch_scaffold02620_3544	Ca_desi_scaffold	3544	[A/C]	NA
Ca_Desi_Ch_scaffold02620_7573	Ca_desi_scaffold	7573	[T/G]	NA
Ca_Desi_Ch_scaffold02620_13497	Ca_desi_scaffold	13497	[A/T]	NA
Ca_Desi_Ch_scaffold02620_13520	Ca_desi_scaffold	13520	[T/C]	NA
Ca_Desi_Ch_scaffold02620_13523	Ca_desi_scaffold	13523	[T/G]	NA
Ca_Desi_Ch_scaffold02620_13526	Ca_desi_scaffold	13526	[C/G]	NA
Ca_Desi_Ch_scaffold02625_3275	Ca_desi_scaffold	3275	[T/C]	NA
Ca_Desi_Ch_scaffold02625_3277	Ca_desi_scaffold	3277	[T/C]	NA
Ca_Desi_Ch_scaffold02625_3282	Ca_desi_scaffold	3282	[T/C]	NA
Ca_Desi_Ch_scaffold02625_3288	Ca_desi_scaffold	3288	[G/A]	NA
Ca_Desi_Ch_scaffold02625_3295	Ca_desi_scaffold	3295	[T/C]	NA
Ca_Desi_Ch_scaffold02625_3324	Ca_desi_scaffold	3324	[T/G]	NA
Ca_Desi_Ch_scaffold02632_38661	Ca_desi_scaffold	38661	[T/G]	NA
Ca_Desi_Ch_scaffold02632_38671	Ca_desi_scaffold	38671	[T/G]	NA
Ca_Desi_Ch_scaffold02635_34690	Ca_desi_scaffold	34690	[A/C]	NA
Ca_Desi_Ch_scaffold02635_34729	Ca_desi_scaffold	34729	[T/G]	NA
Ca_Desi_Ch_scaffold02635_34732	Ca_desi_scaffold	34732	[A/G]	NA
Ca_Desi_Ch_scaffold02639_22142	Ca_desi_scaffold	22142	[A/T]	NA
Ca_Desi_Ch_scaffold02639_22166	Ca_desi_scaffold	22166	[A/C]	NA
Ca_Desi_Ch_scaffold02639_22168	Ca_desi_scaffold	22168	[A/C]	NA
Ca_Desi_Ch_scaffold02639_22180	Ca_desi_scaffold	22180	[A/G]	NA
Ca_Desi_Ch_scaffold02642_6093	Ca_desi_scaffold	6093	[G/T]	NA
Ca_Desi_Ch_scaffold02646_26626	Ca_desi_scaffold	26626	[T/G]	NA
Ca_Desi_Ch_scaffold02651_7265	Ca_desi_scaffold	7265	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold02651_7268	Ca_desig_scaffold	7268	[T/G]	NA
Ca_Desig_Chr_scaffold02651_7295	Ca_desig_scaffold	7295	[A/G]	NA
Ca_Desig_Chr_scaffold02651_7310	Ca_desig_scaffold	7310	[T/C]	NA
Ca_Desig_Chr_scaffold02651_7319	Ca_desig_scaffold	7319	[A/C]	NA
Ca_Desig_Chr_scaffold02651_38826	Ca_desig_scaffold	38826	[T/G]	NA
Ca_Desig_Chr_scaffold02651_39943	Ca_desig_scaffold	39943	[A/C]	NA
Ca_Desig_Chr_scaffold02653_32606	Ca_desig_scaffold	32606	[A/G]	NA
Ca_Desig_Chr_scaffold02653_32608	Ca_desig_scaffold	32608	[A/G]	NA
Ca_Desig_Chr_scaffold02653_35896	Ca_desig_scaffold	35896	[C/A]	NA
Ca_Desig_Chr_scaffold02653_35897	Ca_desig_scaffold	35897	[T/G]	NA
Ca_Desig_Chr_scaffold02655_35738	Ca_desig_scaffold	35738	[T/G]	NA
Ca_Desig_Chr_scaffold02655_35755	Ca_desig_scaffold	35755	[T/G]	NA
Ca_Desig_Chr_scaffold02655_35757	Ca_desig_scaffold	35757	[A/G]	NA
Ca_Desig_Chr_scaffold02660_17049	Ca_desig_scaffold	17049	[T/G]	NA
Ca_Desig_Chr_scaffold02663_19718	Ca_desig_scaffold	19718	[A/C]	NA
Ca_Desig_Chr_scaffold02663_19727	Ca_desig_scaffold	19727	[A/C]	NA
Ca_Desig_Chr_scaffold02663_19781	Ca_desig_scaffold	19781	[A/C]	NA
Ca_Desig_Chr_scaffold02663_19787	Ca_desig_scaffold	19787	[A/C]	NA
Ca_Desig_Chr_scaffold02667_9737	Ca_desig_scaffold	9737	[C/A]	NA
Ca_Desig_Chr_scaffold02667_17304	Ca_desig_scaffold	17304	[G/A]	NA
Ca_Desig_Chr_scaffold02667_17313	Ca_desig_scaffold	17313	[C/A]	NA
Ca_Desig_Chr_scaffold02667_17367	Ca_desig_scaffold	17367	[A/G]	NA
Ca_Desig_Chr_scaffold02667_17368	Ca_desig_scaffold	17368	[G/A]	NA
Ca_Desig_Chr_scaffold02667_17389	Ca_desig_scaffold	17389	[T/C]	NA
Ca_Desig_Chr_scaffold02667_17390	Ca_desig_scaffold	17390	[G/T]	NA
Ca_Desig_Chr_scaffold02667_17408	Ca_desig_scaffold	17408	[A/C]	NA
Ca_Desig_Chr_scaffold02667_28631	Ca_desig_scaffold	28631	[A/G]	NA
Ca_Desig_Chr_scaffold02667_28664	Ca_desig_scaffold	28664	[C/A]	NA
Ca_Desig_Chr_scaffold02667_28726	Ca_desig_scaffold	28726	[C/T]	NA
Ca_Desig_Chr_scaffold02667_29312	Ca_desig_scaffold	29312	[T/C]	NA
Ca_Desig_Chr_scaffold02669_16936	Ca_desig_scaffold	16936	[T/G]	NA
Ca_Desig_Chr_scaffold02669_16938	Ca_desig_scaffold	16938	[A/T]	NA
Ca_Desig_Chr_scaffold02669_16941	Ca_desig_scaffold	16941	[T/G]	NA
Ca_Desig_Chr_scaffold02669_16946	Ca_desig_scaffold	16946	[C/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02669_16947	Ca_desi_scaffold	16947	[A/C]	NA
Ca_Desi_Ch_scaffold02669_16949	Ca_desi_scaffold	16949	[A/G]	NA
Ca_Desi_Ch_scaffold02669_18692	Ca_desi_scaffold	18692	[A/G]	NA
Ca_Desi_Ch_scaffold02669_18719	Ca_desi_scaffold	18719	[A/G]	NA
Ca_Desi_Ch_scaffold02669_18730	Ca_desi_scaffold	18730	[T/A]	NA
Ca_Desi_Ch_scaffold02669_36688	Ca_desi_scaffold	36688	[T/C]	NA
Ca_Desi_Ch_scaffold02669_36713	Ca_desi_scaffold	36713	[T/C]	NA
Ca_Desi_Ch_scaffold02670_28435	Ca_desi_scaffold	28435	[C/T]	NA
Ca_Desi_Ch_scaffold02673_14233	Ca_desi_scaffold	14233	[T/C]	NA
Ca_Desi_Ch_scaffold02673_14365	Ca_desi_scaffold	14365	[C/T]	NA
Ca_Desi_Ch_scaffold02675_31671	Ca_desi_scaffold	31671	[T/G]	NA
Ca_Desi_Ch_scaffold02675_31723	Ca_desi_scaffold	31723	[A/C]	NA
Ca_Desi_Ch_scaffold02682_16230	Ca_desi_scaffold	16230	[A/T]	NA
Ca_Desi_Ch_scaffold02682_38814	Ca_desi_scaffold	38814	[T/G]	NA
Ca_Desi_Ch_scaffold02689_30356	Ca_desi_scaffold	30356	[C/A]	NA
Ca_Desi_Ch_scaffold02693_12901	Ca_desi_scaffold	12901	[A/G]	NA
Ca_Desi_Ch_scaffold02693_34356	Ca_desi_scaffold	34356	[A/T]	NA
Ca_Desi_Ch_scaffold02693_34366	Ca_desi_scaffold	34366	[C/T]	NA
Ca_Desi_Ch_scaffold02693_34406	Ca_desi_scaffold	34406	[A/T]	NA
Ca_Desi_Ch_scaffold02693_34733	Ca_desi_scaffold	34733	[G/A]	NA
Ca_Desi_Ch_scaffold02701_6630	Ca_desi_scaffold	6630	[A/C]	NA
Ca_Desi_Ch_scaffold02701_6694	Ca_desi_scaffold	6694	[T/C]	NA
Ca_Desi_Ch_scaffold02701_6697	Ca_desi_scaffold	6697	[A/T]	NA
Ca_Desi_Ch_scaffold02701_6708	Ca_desi_scaffold	6708	[A/C]	NA
Ca_Desi_Ch_scaffold02701_6729	Ca_desi_scaffold	6729	[A/C]	NA
Ca_Desi_Ch_scaffold02701_6735	Ca_desi_scaffold	6735	[T/C]	NA
Ca_Desi_Ch_scaffold02701_34128	Ca_desi_scaffold	34128	[G/T]	NA
Ca_Desi_Ch_scaffold02703_3834	Ca_desi_scaffold	3834	[G/A]	NA
Ca_Desi_Ch_scaffold02703_14631	Ca_desi_scaffold	14631	[G/A]	NA
Ca_Desi_Ch_scaffold02703_14699	Ca_desi_scaffold	14699	[T/G]	NA
Ca_Desi_Ch_scaffold02712_27000	Ca_desi_scaffold	27000	[A/G]	NA
Ca_Desi_Ch_scaffold02712_27033	Ca_desi_scaffold	27033	[T/C]	NA
Ca_Desi_Ch_scaffold02712_27038	Ca_desi_scaffold	27038	[A/G]	NA
Ca_Desi_Ch_scaffold02712_27043	Ca_desi_scaffold	27043	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold02713_15222	Ca_desig_scaffold	15222	[T/C]	NA
Ca_Desig_Chr_scaffold02713_15295	Ca_desig_scaffold	15295	[A/T]	NA
Ca_Desig_Chr_scaffold02713_15312	Ca_desig_scaffold	15312	[A/G]	NA
Ca_Desig_Chr_scaffold02713_15314	Ca_desig_scaffold	15314	[A/G]	NA
Ca_Desig_Chr_scaffold02713_15320	Ca_desig_scaffold	15320	[A/G]	NA
Ca_Desig_Chr_scaffold02713_15322	Ca_desig_scaffold	15322	[T/C]	NA
Ca_Desig_Chr_scaffold02713_15333	Ca_desig_scaffold	15333	[A/G]	NA
Ca_Desig_Chr_scaffold02713_15346	Ca_desig_scaffold	15346	[A/T]	NA
Ca_Desig_Chr_scaffold02713_17358	Ca_desig_scaffold	17358	[A/G]	NA
Ca_Desig_Chr_scaffold02714_17131	Ca_desig_scaffold	17131	[A/G]	NA
Ca_Desig_Chr_scaffold02714_17155	Ca_desig_scaffold	17155	[A/G]	NA
Ca_Desig_Chr_scaffold02714_17157	Ca_desig_scaffold	17157	[T/G]	NA
Ca_Desig_Chr_scaffold02714_17160	Ca_desig_scaffold	17160	[C/T]	NA
Ca_Desig_Chr_scaffold02714_17161	Ca_desig_scaffold	17161	[T/C]	NA
Ca_Desig_Chr_scaffold02714_17162	Ca_desig_scaffold	17162	[T/G]	NA
Ca_Desig_Chr_scaffold02714_17168	Ca_desig_scaffold	17168	[T/C]	NA
Ca_Desig_Chr_scaffold02714_17178	Ca_desig_scaffold	17178	[A/G]	NA
Ca_Desig_Chr_scaffold02714_17526	Ca_desig_scaffold	17526	[T/G]	NA
Ca_Desig_Chr_scaffold02714_30191	Ca_desig_scaffold	30191	[A/C]	NA
Ca_Desig_Chr_scaffold02717_9016	Ca_desig_scaffold	9016	[T/C]	NA
Ca_Desig_Chr_scaffold02717_9042	Ca_desig_scaffold	9042	[A/G]	NA
Ca_Desig_Chr_scaffold02717_20210	Ca_desig_scaffold	20210	[A/G]	NA
Ca_Desig_Chr_scaffold02717_20248	Ca_desig_scaffold	20248	[A/T]	NA
Ca_Desig_Chr_scaffold02717_20287	Ca_desig_scaffold	20287	[A/C]	NA
Ca_Desig_Chr_scaffold02717_20308	Ca_desig_scaffold	20308	[A/C]	NA
Ca_Desig_Chr_scaffold02717_20384	Ca_desig_scaffold	20384	[T/G]	NA
Ca_Desig_Chr_scaffold02722_11659	Ca_desig_scaffold	11659	[T/C]	NA
Ca_Desig_Chr_scaffold02724_21761	Ca_desig_scaffold	21761	[T/C]	NA
Ca_Desig_Chr_scaffold02726_26805	Ca_desig_scaffold	26805	[T/G]	NA
Ca_Desig_Chr_scaffold02734_20171	Ca_desig_scaffold	20171	[A/G]	NA
Ca_Desig_Chr_scaffold02735_10694	Ca_desig_scaffold	10694	[A/C]	NA
Ca_Desig_Chr_scaffold02735_10813	Ca_desig_scaffold	10813	[C/T]	NA
Ca_Desig_Chr_scaffold02737_15151	Ca_desig_scaffold	15151	[T/C]	NA
Ca_Desig_Chr_scaffold02740_7740	Ca_desig_scaffold	7740	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold02740_7741	Ca_desig_scaffold	7741	[C/G]	NA
Ca_Desig_Chr_scaffold02740_19630	Ca_desig_scaffold	19630	[A/C]	NA
Ca_Desig_Chr_scaffold02740_19640	Ca_desig_scaffold	19640	[C/T]	NA
Ca_Desig_Chr_scaffold02748_18322	Ca_desig_scaffold	18322	[T/G]	NA
Ca_Desig_Chr_scaffold02748_18450	Ca_desig_scaffold	18450	[A/G]	NA
Ca_Desig_Chr_scaffold02748_18472	Ca_desig_scaffold	18472	[T/G]	NA
Ca_Desig_Chr_scaffold02748_38526	Ca_desig_scaffold	38526	[T/C]	NA
Ca_Desig_Chr_scaffold02748_38603	Ca_desig_scaffold	38603	[T/G]	NA
Ca_Desig_Chr_scaffold02748_38646	Ca_desig_scaffold	38646	[A/C]	NA
Ca_Desig_Chr_scaffold02750_14951	Ca_desig_scaffold	14951	[T/C]	NA
Ca_Desig_Chr_scaffold02750_19276	Ca_desig_scaffold	19276	[C/T]	NA
Ca_Desig_Chr_scaffold02759_10366	Ca_desig_scaffold	10366	[G/C]	NA
Ca_Desig_Chr_scaffold02759_10384	Ca_desig_scaffold	10384	[A/C]	NA
Ca_Desig_Chr_scaffold02759_10412	Ca_desig_scaffold	10412	[A/C]	NA
Ca_Desig_Chr_scaffold02776_17074	Ca_desig_scaffold	17074	[T/C]	NA
Ca_Desig_Chr_scaffold02777_3479	Ca_desig_scaffold	3479	[C/A]	NA
Ca_Desig_Chr_scaffold02777_33018	Ca_desig_scaffold	33018	[T/C]	NA
Ca_Desig_Chr_scaffold02777_33022	Ca_desig_scaffold	33022	[T/C]	NA
Ca_Desig_Chr_scaffold02777_33026	Ca_desig_scaffold	33026	[T/C]	NA
Ca_Desig_Chr_scaffold02777_33029	Ca_desig_scaffold	33029	[T/C]	NA
Ca_Desig_Chr_scaffold02777_33031	Ca_desig_scaffold	33031	[T/G]	NA
Ca_Desig_Chr_scaffold02777_33036	Ca_desig_scaffold	33036	[A/G]	NA
Ca_Desig_Chr_scaffold02777_33037	Ca_desig_scaffold	33037	[G/T]	NA
Ca_Desig_Chr_scaffold02777_33041	Ca_desig_scaffold	33041	[C/G]	NA
Ca_Desig_Chr_scaffold02777_33046	Ca_desig_scaffold	33046	[G/T]	NA
Ca_Desig_Chr_scaffold02777_33057	Ca_desig_scaffold	33057	[A/G]	NA
Ca_Desig_Chr_scaffold02778_6920	Ca_desig_scaffold	6920	[A/C]	NA
Ca_Desig_Chr_scaffold02778_6921	Ca_desig_scaffold	6921	[G/T]	NA
Ca_Desig_Chr_scaffold02781_20009	Ca_desig_scaffold	20009	[A/G]	NA
Ca_Desig_Chr_scaffold02781_20888	Ca_desig_scaffold	20888	[T/C]	NA
Ca_Desig_Chr_scaffold02781_20915	Ca_desig_scaffold	20915	[A/C]	NA
Ca_Desig_Chr_scaffold02787_2466	Ca_desig_scaffold	2466	[C/T]	NA
Ca_Desig_Chr_scaffold02802_21417	Ca_desig_scaffold	21417	[A/C]	NA
Ca_Desig_Chr_scaffold02804_18197	Ca_desig_scaffold	18197	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_scaffold02804_18218	Ca_desi_scaffold	18218	[T/C]	NA
Ca_Desi_Chrom_scaffold02804_18239	Ca_desi_scaffold	18239	[T/C]	NA
Ca_Desi_Chrom_scaffold02804_18241	Ca_desi_scaffold	18241	[G/T]	NA
Ca_Desi_Chrom_scaffold02804_18278	Ca_desi_scaffold	18278	[T/C]	NA
Ca_Desi_Chrom_scaffold02821_15956	Ca_desi_scaffold	15956	[T/C]	NA
Ca_Desi_Chrom_scaffold02821_15976	Ca_desi_scaffold	15976	[T/C]	NA
Ca_Desi_Chrom_scaffold02821_15978	Ca_desi_scaffold	15978	[T/C]	NA
Ca_Desi_Chrom_scaffold02821_15988	Ca_desi_scaffold	15988	[A/T]	NA
Ca_Desi_Chrom_scaffold02821_15991	Ca_desi_scaffold	15991	[T/C]	NA
Ca_Desi_Chrom_scaffold02821_15996	Ca_desi_scaffold	15996	[T/G]	NA
Ca_Desi_Chrom_scaffold02833_28955	Ca_desi_scaffold	28955	[A/C]	NA
Ca_Desi_Chrom_scaffold02833_28971	Ca_desi_scaffold	28971	[A/G]	NA
Ca_Desi_Chrom_scaffold02836_3402	Ca_desi_scaffold	3402	[A/G]	NA
Ca_Desi_Chrom_scaffold02836_3410	Ca_desi_scaffold	3410	[C/T]	NA
Ca_Desi_Chrom_scaffold02844_30219	Ca_desi_scaffold	30219	[T/C]	NA
Ca_Desi_Chrom_scaffold02844_30256	Ca_desi_scaffold	30256	[T/G]	NA
Ca_Desi_Chrom_scaffold02845_1822	Ca_desi_scaffold	1822	[T/C]	NA
Ca_Desi_Chrom_scaffold02845_1833	Ca_desi_scaffold	1833	[A/C]	NA
Ca_Desi_Chrom_scaffold02850_5372	Ca_desi_scaffold	5372	[T/C]	NA
Ca_Desi_Chrom_scaffold02850_6654	Ca_desi_scaffold	6654	[T/C]	NA
Ca_Desi_Chrom_scaffold02850_6687	Ca_desi_scaffold	6687	[T/C]	NA
Ca_Desi_Chrom_scaffold02850_6769	Ca_desi_scaffold	6769	[A/C]	NA
Ca_Desi_Chrom_scaffold02857_17579	Ca_desi_scaffold	17579	[T/G]	NA
Ca_Desi_Chrom_scaffold02857_22847	Ca_desi_scaffold	22847	[T/G]	NA
Ca_Desi_Chrom_scaffold02859_13104	Ca_desi_scaffold	13104	[T/G]	NA
Ca_Desi_Chrom_scaffold02859_13196	Ca_desi_scaffold	13196	[G/T]	NA
Ca_Desi_Chrom_scaffold02868_25199	Ca_desi_scaffold	25199	[A/T]	NA
Ca_Desi_Chrom_scaffold02872_24599	Ca_desi_scaffold	24599	[A/C]	NA
Ca_Desi_Chrom_scaffold02872_24623	Ca_desi_scaffold	24623	[A/T]	NA
Ca_Desi_Chrom_scaffold02882_27389	Ca_desi_scaffold	27389	[G/A]	NA
Ca_Desi_Chrom_scaffold02882_28545	Ca_desi_scaffold	28545	[T/A]	NA
Ca_Desi_Chrom_scaffold02882_28845	Ca_desi_scaffold	28845	[T/G]	NA
Ca_Desi_Chrom_scaffold02882_28847	Ca_desi_scaffold	28847	[T/G]	NA
Ca_Desi_Chrom_scaffold02890_4753	Ca_desi_scaffold	4753	[C/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold02890_4754	Ca_desi_scaffold	4754	[A/G]	NA
Ca_Desi_Ch_scaffold02912_12193	Ca_desi_scaffold	12193	[C/G]	NA
Ca_Desi_Ch_scaffold02912_12194	Ca_desi_scaffold	12194	[C/A]	NA
Ca_Desi_Ch_scaffold02912_12196	Ca_desi_scaffold	12196	[G/C]	NA
Ca_Desi_Ch_scaffold02912_12197	Ca_desi_scaffold	12197	[G/T]	NA
Ca_Desi_Ch_scaffold02918_5634	Ca_desi_scaffold	5634	[C/T]	NA
Ca_Desi_Ch_scaffold02918_5647	Ca_desi_scaffold	5647	[A/G]	NA
Ca_Desi_Ch_scaffold02918_5661	Ca_desi_scaffold	5661	[A/G]	NA
Ca_Desi_Ch_scaffold02919_13761	Ca_desi_scaffold	13761	[A/C]	NA
Ca_Desi_Ch_scaffold02920_2806	Ca_desi_scaffold	2806	[T/C]	NA
Ca_Desi_Ch_scaffold02922_2020	Ca_desi_scaffold	2020	[A/C]	NA
Ca_Desi_Ch_scaffold02923_3643	Ca_desi_scaffold	3643	[A/C]	NA
Ca_Desi_Ch_scaffold02924_33074	Ca_desi_scaffold	33074	[T/C]	NA
Ca_Desi_Ch_scaffold02924_33103	Ca_desi_scaffold	33103	[T/C]	NA
Ca_Desi_Ch_scaffold02925_35677	Ca_desi_scaffold	35677	[A/G]	NA
Ca_Desi_Ch_scaffold02925_35703	Ca_desi_scaffold	35703	[G/A]	NA
Ca_Desi_Ch_scaffold02925_35707	Ca_desi_scaffold	35707	[C/T]	NA
Ca_Desi_Ch_scaffold02932_4567	Ca_desi_scaffold	4567	[T/G]	NA
Ca_Desi_Ch_scaffold02932_4571	Ca_desi_scaffold	4571	[A/G]	NA
Ca_Desi_Ch_scaffold02942_23253	Ca_desi_scaffold	23253	[T/C]	NA
Ca_Desi_Ch_scaffold02942_24491	Ca_desi_scaffold	24491	[T/C]	NA
Ca_Desi_Ch_scaffold02942_24495	Ca_desi_scaffold	24495	[T/G]	NA
Ca_Desi_Ch_scaffold02949_4089	Ca_desi_scaffold	4089	[A/C]	NA
Ca_Desi_Ch_scaffold02949_4186	Ca_desi_scaffold	4186	[C/A]	NA
Ca_Desi_Ch_scaffold02949_4187	Ca_desi_scaffold	4187	[A/G]	NA
Ca_Desi_Ch_scaffold02949_4189	Ca_desi_scaffold	4189	[A/T]	NA
Ca_Desi_Ch_scaffold02949_4474	Ca_desi_scaffold	4474	[T/C]	NA
Ca_Desi_Ch_scaffold02968_23816	Ca_desi_scaffold	23816	[A/G]	NA
Ca_Desi_Ch_scaffold02972_24031	Ca_desi_scaffold	24031	[C/T]	NA
Ca_Desi_Ch_scaffold02972_24478	Ca_desi_scaffold	24478	[G/T]	NA
Ca_Desi_Ch_scaffold02972_24479	Ca_desi_scaffold	24479	[T/A]	NA
Ca_Desi_Ch_scaffold02972_26247	Ca_desi_scaffold	26247	[C/A]	NA
Ca_Desi_Ch_scaffold02972_26248	Ca_desi_scaffold	26248	[A/C]	NA
Ca_Desi_Ch_scaffold02972_26252	Ca_desi_scaffold	26252	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold02972_26313	Ca_desig_scaffold	26313	[C/T]	NA
Ca_DesigChr_scaffold02972_26333	Ca_desig_scaffold	26333	[A/C]	NA
Ca_DesigChr_scaffold02972_26337	Ca_desig_scaffold	26337	[A/G]	NA
Ca_DesigChr_scaffold02972_26362	Ca_desig_scaffold	26362	[A/C]	NA
Ca_DesigChr_scaffold02972_26365	Ca_desig_scaffold	26365	[C/A]	NA
Ca_DesigChr_scaffold02972_26366	Ca_desig_scaffold	26366	[A/G]	NA
Ca_DesigChr_scaffold02972_26368	Ca_desig_scaffold	26368	[A/G]	NA
Ca_DesigChr_scaffold02972_26380	Ca_desig_scaffold	26380	[C/T]	NA
Ca_DesigChr_scaffold02972_26396	Ca_desig_scaffold	26396	[A/G]	NA
Ca_DesigChr_scaffold02972_26397	Ca_desig_scaffold	26397	[A/C]	NA
Ca_DesigChr_scaffold02972_26408	Ca_desig_scaffold	26408	[G/A]	NA
Ca_DesigChr_scaffold02972_26411	Ca_desig_scaffold	26411	[T/G]	NA
Ca_DesigChr_scaffold02972_26437	Ca_desig_scaffold	26437	[C/G]	NA
Ca_DesigChr_scaffold02972_31159	Ca_desig_scaffold	31159	[G/A]	NA
Ca_DesigChr_scaffold02972_33313	Ca_desig_scaffold	33313	[T/G]	NA
Ca_DesigChr_scaffold02982_9422	Ca_desig_scaffold	9422	[T/G]	NA
Ca_DesigChr_scaffold02983_1562	Ca_desig_scaffold	1562	[C/T]	NA
Ca_DesigChr_scaffold02983_12599	Ca_desig_scaffold	12599	[G/A]	NA
Ca_DesigChr_scaffold02983_12629	Ca_desig_scaffold	12629	[G/C]	NA
Ca_DesigChr_scaffold02983_12630	Ca_desig_scaffold	12630	[A/T]	NA
Ca_DesigChr_scaffold02984_9195	Ca_desig_scaffold	9195	[A/G]	NA
Ca_DesigChr_scaffold02984_31723	Ca_desig_scaffold	31723	[T/G]	NA
Ca_DesigChr_scaffold02996_5981	Ca_desig_scaffold	5981	[A/C]	NA
Ca_DesigChr_scaffold02996_5985	Ca_desig_scaffold	5985	[G/A]	NA
Ca_DesigChr_scaffold02996_6654	Ca_desig_scaffold	6654	[T/G]	NA
Ca_DesigChr_scaffold02996_6656	Ca_desig_scaffold	6656	[A/G]	NA
Ca_DesigChr_scaffold02999_24593	Ca_desig_scaffold	24593	[T/G]	NA
Ca_DesigChr_scaffold02999_24634	Ca_desig_scaffold	24634	[T/C]	NA
Ca_DesigChr_scaffold02999_24636	Ca_desig_scaffold	24636	[C/A]	NA
Ca_DesigChr_scaffold03000_2675	Ca_desig_scaffold	2675	[A/C]	NA
Ca_DesigChr_scaffold03004_2560	Ca_desig_scaffold	2560	[C/A]	NA
Ca_DesigChr_scaffold03004_18460	Ca_desig_scaffold	18460	[G/A]	NA
Ca_DesigChr_scaffold03004_18478	Ca_desig_scaffold	18478	[C/T]	NA
Ca_DesigChr_scaffold03004_21059	Ca_desig_scaffold	21059	[C/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold03004_21773	Ca_desig_scaffold	21773	[G/A]	NA
Ca_Desig_Chr_scaffold03004_24459	Ca_desig_scaffold	24459	[A/G]	NA
Ca_Desig_Chr_scaffold03004_24624	Ca_desig_scaffold	24624	[T/A]	NA
Ca_Desig_Chr_scaffold03004_24712	Ca_desig_scaffold	24712	[T/G]	NA
Ca_Desig_Chr_scaffold03004_24760	Ca_desig_scaffold	24760	[T/C]	NA
Ca_Desig_Chr_scaffold03004_24839	Ca_desig_scaffold	24839	[G/A]	NA
Ca_Desig_Chr_scaffold03026_31679	Ca_desig_scaffold	31679	[A/T]	NA
Ca_Desig_Chr_scaffold03026_31705	Ca_desig_scaffold	31705	[C/G]	NA
Ca_Desig_Chr_scaffold03026_31721	Ca_desig_scaffold	31721	[C/T]	NA
Ca_Desig_Chr_scaffold03026_31734	Ca_desig_scaffold	31734	[G/A]	NA
Ca_Desig_Chr_scaffold03026_31778	Ca_desig_scaffold	31778	[G/A]	NA
Ca_Desig_Chr_scaffold03030_13422	Ca_desig_scaffold	13422	[A/C]	NA
Ca_Desig_Chr_scaffold03030_16041	Ca_desig_scaffold	16041	[T/C]	NA
Ca_Desig_Chr_scaffold03031_29777	Ca_desig_scaffold	29777	[A/T]	NA
Ca_Desig_Chr_scaffold03036_1050	Ca_desig_scaffold	1050	[A/C]	NA
Ca_Desig_Chr_scaffold03036_1054	Ca_desig_scaffold	1054	[A/C]	NA
Ca_Desig_Chr_scaffold03049_11148	Ca_desig_scaffold	11148	[A/C]	NA
Ca_Desig_Chr_scaffold03052_28024	Ca_desig_scaffold	28024	[G/A]	NA
Ca_Desig_Chr_scaffold03053_29468	Ca_desig_scaffold	29468	[T/G]	NA
Ca_Desig_Chr_scaffold03054_10442	Ca_desig_scaffold	10442	[A/C]	NA
Ca_Desig_Chr_scaffold03054_10448	Ca_desig_scaffold	10448	[A/C]	NA
Ca_Desig_Chr_scaffold03057_10447	Ca_desig_scaffold	10447	[A/G]	NA
Ca_Desig_Chr_scaffold03057_10450	Ca_desig_scaffold	10450	[A/G]	NA
Ca_Desig_Chr_scaffold03057_10453	Ca_desig_scaffold	10453	[T/G]	NA
Ca_Desig_Chr_scaffold03060_31683	Ca_desig_scaffold	31683	[C/T]	NA
Ca_Desig_Chr_scaffold03060_31713	Ca_desig_scaffold	31713	[G/A]	NA
Ca_Desig_Chr_scaffold03060_31725	Ca_desig_scaffold	31725	[G/T]	NA
Ca_Desig_Chr_scaffold03060_31730	Ca_desig_scaffold	31730	[T/G]	NA
Ca_Desig_Chr_scaffold03061_4958	Ca_desig_scaffold	4958	[A/G]	NA
Ca_Desig_Chr_scaffold03069_2257	Ca_desig_scaffold	2257	[T/G]	NA
Ca_Desig_Chr_scaffold03069_2258	Ca_desig_scaffold	2258	[C/A]	NA
Ca_Desig_Chr_scaffold03069_2259	Ca_desig_scaffold	2259	[T/G]	NA
Ca_Desig_Chr_scaffold03070_18155	Ca_desig_scaffold	18155	[T/A]	NA
Ca_Desig_Chr_scaffold03081_11542	Ca_desig_scaffold	11542	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold03081_11562	Ca_desi_scaffold	11562	[C/T]	NA
Ca_Desi_Ch_scaffold03081_11574	Ca_desi_scaffold	11574	[G/T]	NA
Ca_Desi_Ch_scaffold03081_11575	Ca_desi_scaffold	11575	[T/G]	NA
Ca_Desi_Ch_scaffold03081_11587	Ca_desi_scaffold	11587	[T/G]	NA
Ca_Desi_Ch_scaffold03081_11590	Ca_desi_scaffold	11590	[A/C]	NA
Ca_Desi_Ch_scaffold03081_21369	Ca_desi_scaffold	21369	[T/C]	NA
Ca_Desi_Ch_scaffold03081_21395	Ca_desi_scaffold	21395	[A/C]	NA
Ca_Desi_Ch_scaffold03081_21521	Ca_desi_scaffold	21521	[A/C]	NA
Ca_Desi_Ch_scaffold03081_21540	Ca_desi_scaffold	21540	[T/C]	NA
Ca_Desi_Ch_scaffold03081_21717	Ca_desi_scaffold	21717	[T/G]	NA
Ca_Desi_Ch_scaffold03081_25848	Ca_desi_scaffold	25848	[T/A]	NA
Ca_Desi_Ch_scaffold03083_13887	Ca_desi_scaffold	13887	[C/A]	NA
Ca_Desi_Ch_scaffold03095_20545	Ca_desi_scaffold	20545	[T/G]	NA
Ca_Desi_Ch_scaffold03095_23355	Ca_desi_scaffold	23355	[T/A]	NA
Ca_Desi_Ch_scaffold03104_2617	Ca_desi_scaffold	2617	[T/C]	NA
Ca_Desi_Ch_scaffold03104_2625	Ca_desi_scaffold	2625	[A/G]	NA
Ca_Desi_Ch_scaffold03104_2635	Ca_desi_scaffold	2635	[A/G]	NA
Ca_Desi_Ch_scaffold03111_4778	Ca_desi_scaffold	4778	[A/G]	NA
Ca_Desi_Ch_scaffold03111_8472	Ca_desi_scaffold	8472	[T/C]	NA
Ca_Desi_Ch_scaffold03111_8503	Ca_desi_scaffold	8503	[A/G]	NA
Ca_Desi_Ch_scaffold03111_12956	Ca_desi_scaffold	12956	[A/C]	NA
Ca_Desi_Ch_scaffold03119_2133	Ca_desi_scaffold	2133	[A/T]	NA
Ca_Desi_Ch_scaffold03119_2156	Ca_desi_scaffold	2156	[G/A]	NA
Ca_Desi_Ch_scaffold03122_20712	Ca_desi_scaffold	20712	[G/A]	NA
Ca_Desi_Ch_scaffold03132_13301	Ca_desi_scaffold	13301	[T/A]	NA
Ca_Desi_Ch_scaffold03132_13390	Ca_desi_scaffold	13390	[A/C]	NA
Ca_Desi_Ch_scaffold03133_2382	Ca_desi_scaffold	2382	[T/C]	NA
Ca_Desi_Ch_scaffold03133_2389	Ca_desi_scaffold	2389	[T/A]	NA
Ca_Desi_Ch_scaffold03133_2396	Ca_desi_scaffold	2396	[T/C]	NA
Ca_Desi_Ch_scaffold03133_2398	Ca_desi_scaffold	2398	[T/C]	NA
Ca_Desi_Ch_scaffold03133_2401	Ca_desi_scaffold	2401	[T/C]	NA
Ca_Desi_Ch_scaffold03133_2405	Ca_desi_scaffold	2405	[T/C]	NA
Ca_Desi_Ch_scaffold03133_2411	Ca_desi_scaffold	2411	[A/G]	NA
Ca_Desi_Ch_scaffold03133_2413	Ca_desi_scaffold	2413	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold03133_2415	Ca_desig_scaffold	2415	[A/G]	NA
Ca_Desig_Chr_scaffold03133_2427	Ca_desig_scaffold	2427	[T/A]	NA
Ca_Desig_Chr_scaffold03133_8922	Ca_desig_scaffold	8922	[C/T]	NA
Ca_Desig_Chr_scaffold03140_2559	Ca_desig_scaffold	2559	[G/A]	NA
Ca_Desig_Chr_scaffold03147_19442	Ca_desig_scaffold	19442	[T/C]	NA
Ca_Desig_Chr_scaffold03147_19445	Ca_desig_scaffold	19445	[G/A]	NA
Ca_Desig_Chr_scaffold03147_19449	Ca_desig_scaffold	19449	[C/T]	NA
Ca_Desig_Chr_scaffold03147_19451	Ca_desig_scaffold	19451	[A/C]	NA
Ca_Desig_Chr_scaffold03147_19453	Ca_desig_scaffold	19453	[A/C]	NA
Ca_Desig_Chr_scaffold03163_531	Ca_desig_scaffold	531	[C/A]	NA
Ca_Desig_Chr_scaffold03181_8835	Ca_desig_scaffold	8835	[T/C]	NA
Ca_Desig_Chr_scaffold03181_23286	Ca_desig_scaffold	23286	[A/C]	NA
Ca_Desig_Chr_scaffold03182_7138	Ca_desig_scaffold	7138	[T/G]	NA
Ca_Desig_Chr_scaffold03186_10976	Ca_desig_scaffold	10976	[C/G]	NA
Ca_Desig_Chr_scaffold03186_10977	Ca_desig_scaffold	10977	[T/G]	NA
Ca_Desig_Chr_scaffold03190_14308	Ca_desig_scaffold	14308	[A/C]	NA
Ca_Desig_Chr_scaffold03190_28094	Ca_desig_scaffold	28094	[C/G]	NA
Ca_Desig_Chr_scaffold03200_14144	Ca_desig_scaffold	14144	[A/G]	NA
Ca_Desig_Chr_scaffold03202_19918	Ca_desig_scaffold	19918	[A/G]	NA
Ca_Desig_Chr_scaffold03210_6991	Ca_desig_scaffold	6991	[G/A]	NA
Ca_Desig_Chr_scaffold03223_19183	Ca_desig_scaffold	19183	[A/T]	NA
Ca_Desig_Chr_scaffold03223_19185	Ca_desig_scaffold	19185	[C/T]	NA
Ca_Desig_Chr_scaffold03223_19194	Ca_desig_scaffold	19194	[T/C]	NA
Ca_Desig_Chr_scaffold03223_19206	Ca_desig_scaffold	19206	[C/A]	NA
Ca_Desig_Chr_scaffold03232_15594	Ca_desig_scaffold	15594	[T/C]	NA
Ca_Desig_Chr_scaffold03232_15609	Ca_desig_scaffold	15609	[A/C]	NA
Ca_Desig_Chr_scaffold03232_15619	Ca_desig_scaffold	15619	[A/C]	NA
Ca_Desig_Chr_scaffold03251_17371	Ca_desig_scaffold	17371	[A/C]	NA
Ca_Desig_Chr_scaffold03251_20399	Ca_desig_scaffold	20399	[A/C]	NA
Ca_Desig_Chr_scaffold03253_25588	Ca_desig_scaffold	25588	[C/A]	NA
Ca_Desig_Chr_scaffold03253_25624	Ca_desig_scaffold	25624	[T/G]	NA
Ca_Desig_Chr_scaffold03255_17376	Ca_desig_scaffold	17376	[A/T]	NA
Ca_Desig_Chr_scaffold03258_4390	Ca_desig_scaffold	4390	[T/G]	NA
Ca_Desig_Chr_scaffold03258_12996	Ca_desig_scaffold	12996	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_scaffold03258_20301	Ca_desi_scaffold	20301	[A/G]	NA
Ca_Desi_Chrom_scaffold03258_20320	Ca_desi_scaffold	20320	[T/C]	NA
Ca_Desi_Chrom_scaffold03258_20344	Ca_desi_scaffold	20344	[T/A]	NA
Ca_Desi_Chrom_scaffold03258_21359	Ca_desi_scaffold	21359	[A/C]	NA
Ca_Desi_Chrom_scaffold03259_23212	Ca_desi_scaffold	23212	[G/T]	NA
Ca_Desi_Chrom_scaffold03260_7286	Ca_desi_scaffold	7286	[T/C]	NA
Ca_Desi_Chrom_scaffold03260_12469	Ca_desi_scaffold	12469	[A/C]	NA
Ca_Desi_Chrom_scaffold03260_12490	Ca_desi_scaffold	12490	[T/A]	NA
Ca_Desi_Chrom_scaffold03260_14144	Ca_desi_scaffold	14144	[T/C]	NA
Ca_Desi_Chrom_scaffold03260_14147	Ca_desi_scaffold	14147	[T/C]	NA
Ca_Desi_Chrom_scaffold03260_14153	Ca_desi_scaffold	14153	[T/C]	NA
Ca_Desi_Chrom_scaffold03260_14167	Ca_desi_scaffold	14167	[A/G]	NA
Ca_Desi_Chrom_scaffold03260_14168	Ca_desi_scaffold	14168	[G/A]	NA
Ca_Desi_Chrom_scaffold03260_14169	Ca_desi_scaffold	14169	[A/G]	NA
Ca_Desi_Chrom_scaffold03260_14178	Ca_desi_scaffold	14178	[A/G]	NA
Ca_Desi_Chrom_scaffold03260_14181	Ca_desi_scaffold	14181	[A/C]	NA
Ca_Desi_Chrom_scaffold03260_14195	Ca_desi_scaffold	14195	[A/G]	NA
Ca_Desi_Chrom_scaffold03260_14200	Ca_desi_scaffold	14200	[A/G]	NA
Ca_Desi_Chrom_scaffold03260_14219	Ca_desi_scaffold	14219	[T/A]	NA
Ca_Desi_Chrom_scaffold03260_14305	Ca_desi_scaffold	14305	[A/C]	NA
Ca_Desi_Chrom_scaffold03261_6750	Ca_desi_scaffold	6750	[C/T]	NA
Ca_Desi_Chrom_scaffold03261_6796	Ca_desi_scaffold	6796	[T/C]	NA
Ca_Desi_Chrom_scaffold03261_7784	Ca_desi_scaffold	7784	[A/G]	NA
Ca_Desi_Chrom_scaffold03261_7786	Ca_desi_scaffold	7786	[T/C]	NA
Ca_Desi_Chrom_scaffold03261_16416	Ca_desi_scaffold	16416	[A/C]	NA
Ca_Desi_Chrom_scaffold03271_11281	Ca_desi_scaffold	11281	[T/A]	NA
Ca_Desi_Chrom_scaffold03271_11327	Ca_desi_scaffold	11327	[T/C]	NA
Ca_Desi_Chrom_scaffold03271_16062	Ca_desi_scaffold	16062	[G/T]	NA
Ca_Desi_Chrom_scaffold03271_16234	Ca_desi_scaffold	16234	[A/C]	NA
Ca_Desi_Chrom_scaffold03271_17342	Ca_desi_scaffold	17342	[A/C]	NA
Ca_Desi_Chrom_scaffold03271_26546	Ca_desi_scaffold	26546	[A/T]	NA
Ca_Desi_Chrom_scaffold03271_26550	Ca_desi_scaffold	26550	[A/G]	NA
Ca_Desi_Chrom_scaffold03271_26552	Ca_desi_scaffold	26552	[A/C]	NA
Ca_Desi_Chrom_scaffold03271_26568	Ca_desi_scaffold	26568	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold03271_26572	Ca_desi_scaffold	26572	[A/G]	NA
Ca_Desi_Ch_scaffold03271_26575	Ca_desi_scaffold	26575	[A/C]	NA
Ca_Desi_Ch_scaffold03271_26591	Ca_desi_scaffold	26591	[T/C]	NA
Ca_Desi_Ch_scaffold03271_26593	Ca_desi_scaffold	26593	[G/C]	NA
Ca_Desi_Ch_scaffold03284_9627	Ca_desi_scaffold	9627	[A/G]	NA
Ca_Desi_Ch_scaffold03286_19086	Ca_desi_scaffold	19086	[A/G]	NA
Ca_Desi_Ch_scaffold03290_30239	Ca_desi_scaffold	30239	[G/A]	NA
Ca_Desi_Ch_scaffold03290_30240	Ca_desi_scaffold	30240	[A/G]	NA
Ca_Desi_Ch_scaffold03290_30242	Ca_desi_scaffold	30242	[T/C]	NA
Ca_Desi_Ch_scaffold03290_30247	Ca_desi_scaffold	30247	[T/C]	NA
Ca_Desi_Ch_scaffold03290_30251	Ca_desi_scaffold	30251	[T/C]	NA
Ca_Desi_Ch_scaffold03290_30253	Ca_desi_scaffold	30253	[T/C]	NA
Ca_Desi_Ch_scaffold03290_30255	Ca_desi_scaffold	30255	[A/C]	NA
Ca_Desi_Ch_scaffold03290_30261	Ca_desi_scaffold	30261	[A/G]	NA
Ca_Desi_Ch_scaffold03290_30269	Ca_desi_scaffold	30269	[A/G]	NA
Ca_Desi_Ch_scaffold03290_30271	Ca_desi_scaffold	30271	[A/G]	NA
Ca_Desi_Ch_scaffold03290_30275	Ca_desi_scaffold	30275	[T/G]	NA
Ca_Desi_Ch_scaffold03290_30283	Ca_desi_scaffold	30283	[T/A]	NA
Ca_Desi_Ch_scaffold03297_15068	Ca_desi_scaffold	15068	[T/A]	NA
Ca_Desi_Ch_scaffold03297_15076	Ca_desi_scaffold	15076	[A/G]	NA
Ca_Desi_Ch_scaffold03297_15091	Ca_desi_scaffold	15091	[A/C]	NA
Ca_Desi_Ch_scaffold03297_21895	Ca_desi_scaffold	21895	[A/T]	NA
Ca_Desi_Ch_scaffold03297_21896	Ca_desi_scaffold	21896	[T/A]	NA
Ca_Desi_Ch_scaffold03297_21897	Ca_desi_scaffold	21897	[C/A]	NA
Ca_Desi_Ch_scaffold03297_21898	Ca_desi_scaffold	21898	[T/G]	NA
Ca_Desi_Ch_scaffold03300_21301	Ca_desi_scaffold	21301	[A/C]	NA
Ca_Desi_Ch_scaffold03313_21748	Ca_desi_scaffold	21748	[C/G]	NA
Ca_Desi_Ch_scaffold03313_25190	Ca_desi_scaffold	25190	[C/G]	NA
Ca_Desi_Ch_scaffold03319_21822	Ca_desi_scaffold	21822	[A/G]	NA
Ca_Desi_Ch_scaffold03326_10607	Ca_desi_scaffold	10607	[C/T]	NA
Ca_Desi_Ch_scaffold03326_10611	Ca_desi_scaffold	10611	[A/C]	NA
Ca_Desi_Ch_scaffold03330_14720	Ca_desi_scaffold	14720	[C/T]	NA
Ca_Desi_Ch_scaffold03333_16237	Ca_desi_scaffold	16237	[G/T]	NA
Ca_Desi_Ch_scaffold03354_16496	Ca_desi_scaffold	16496	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold03354_16497	Ca_desig_scaffold	16497	[G/A]	NA
Ca_Desig_Chr_scaffold03354_16499	Ca_desig_scaffold	16499	[T/A]	NA
Ca_Desig_Chr_scaffold03354_16500	Ca_desig_scaffold	16500	[C/T]	NA
Ca_Desig_Chr_scaffold03354_23034	Ca_desig_scaffold	23034	[G/A]	NA
Ca_Desig_Chr_scaffold03357_22162	Ca_desig_scaffold	22162	[T/G]	NA
Ca_Desig_Chr_scaffold03357_22229	Ca_desig_scaffold	22229	[T/G]	NA
Ca_Desig_Chr_scaffold03357_25040	Ca_desig_scaffold	25040	[T/G]	NA
Ca_Desig_Chr_scaffold03357_25648	Ca_desig_scaffold	25648	[T/C]	NA
Ca_Desig_Chr_scaffold03357_25657	Ca_desig_scaffold	25657	[A/C]	NA
Ca_Desig_Chr_scaffold03357_25660	Ca_desig_scaffold	25660	[A/C]	NA
Ca_Desig_Chr_scaffold03357_25664	Ca_desig_scaffold	25664	[A/C]	NA
Ca_Desig_Chr_scaffold03357_25681	Ca_desig_scaffold	25681	[T/C]	NA
Ca_Desig_Chr_scaffold03370_535	Ca_desig_scaffold	535	[C/T]	NA
Ca_Desig_Chr_scaffold03370_706	Ca_desig_scaffold	706	[A/C]	NA
Ca_Desig_Chr_scaffold03390_7000	Ca_desig_scaffold	7000	[A/C]	NA
Ca_Desig_Chr_scaffold03390_7006	Ca_desig_scaffold	7006	[A/C]	NA
Ca_Desig_Chr_scaffold03411_747	Ca_desig_scaffold	747	[A/C]	NA
Ca_Desig_Chr_scaffold03415_27496	Ca_desig_scaffold	27496	[A/G]	NA
Ca_Desig_Chr_scaffold03422_5591	Ca_desig_scaffold	5591	[C/A]	NA
Ca_Desig_Chr_scaffold03422_9554	Ca_desig_scaffold	9554	[T/G]	NA
Ca_Desig_Chr_scaffold03429_8431	Ca_desig_scaffold	8431	[T/C]	NA
Ca_Desig_Chr_scaffold03429_23018	Ca_desig_scaffold	23018	[A/G]	NA
Ca_Desig_Chr_scaffold03429_23047	Ca_desig_scaffold	23047	[G/T]	NA
Ca_Desig_Chr_scaffold03429_23080	Ca_desig_scaffold	23080	[G/A]	NA
Ca_Desig_Chr_scaffold03429_23097	Ca_desig_scaffold	23097	[A/C]	NA
Ca_Desig_Chr_scaffold03429_23349	Ca_desig_scaffold	23349	[A/G]	NA
Ca_Desig_Chr_scaffold03429_23623	Ca_desig_scaffold	23623	[T/G]	NA
Ca_Desig_Chr_scaffold03429_23742	Ca_desig_scaffold	23742	[T/C]	NA
Ca_Desig_Chr_scaffold03429_23749	Ca_desig_scaffold	23749	[T/A]	NA
Ca_Desig_Chr_scaffold03429_23752	Ca_desig_scaffold	23752	[T/C]	NA
Ca_Desig_Chr_scaffold03429_23754	Ca_desig_scaffold	23754	[A/G]	NA
Ca_Desig_Chr_scaffold03429_23776	Ca_desig_scaffold	23776	[A/G]	NA
Ca_Desig_Chr_scaffold03429_23780	Ca_desig_scaffold	23780	[A/G]	NA
Ca_Desig_Chr_scaffold03429_23786	Ca_desig_scaffold	23786	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold03429_23794	Ca_desig_scaffold	23794	[A/G]	NA
Ca_Desig_Chr_scaffold03429_23800	Ca_desig_scaffold	23800	[T/C]	NA
Ca_Desig_Chr_scaffold03429_23838	Ca_desig_scaffold	23838	[G/A]	NA
Ca_Desig_Chr_scaffold03429_24444	Ca_desig_scaffold	24444	[T/G]	NA
Ca_Desig_Chr_scaffold03429_26838	Ca_desig_scaffold	26838	[A/T]	NA
Ca_Desig_Chr_scaffold03429_27747	Ca_desig_scaffold	27747	[C/T]	NA
Ca_Desig_Chr_scaffold03434_15735	Ca_desig_scaffold	15735	[T/C]	NA
Ca_Desig_Chr_scaffold03434_15773	Ca_desig_scaffold	15773	[T/G]	NA
Ca_Desig_Chr_scaffold03434_18720	Ca_desig_scaffold	18720	[A/T]	NA
Ca_Desig_Chr_scaffold03434_22493	Ca_desig_scaffold	22493	[A/T]	NA
Ca_Desig_Chr_scaffold03439_12604	Ca_desig_scaffold	12604	[A/T]	NA
Ca_Desig_Chr_scaffold03439_12610	Ca_desig_scaffold	12610	[A/G]	NA
Ca_Desig_Chr_scaffold03439_12611	Ca_desig_scaffold	12611	[T/C]	NA
Ca_Desig_Chr_scaffold03439_12614	Ca_desig_scaffold	12614	[T/C]	NA
Ca_Desig_Chr_scaffold03439_12615	Ca_desig_scaffold	12615	[T/C]	NA
Ca_Desig_Chr_scaffold03443_10355	Ca_desig_scaffold	10355	[T/G]	NA
Ca_Desig_Chr_scaffold03443_10356	Ca_desig_scaffold	10356	[C/T]	NA
Ca_Desig_Chr_scaffold03443_10358	Ca_desig_scaffold	10358	[T/C]	NA
Ca_Desig_Chr_scaffold03444_18712	Ca_desig_scaffold	18712	[T/C]	NA
Ca_Desig_Chr_scaffold03446_13520	Ca_desig_scaffold	13520	[A/G]	NA
Ca_Desig_Chr_scaffold03446_13534	Ca_desig_scaffold	13534	[T/G]	NA
Ca_Desig_Chr_scaffold03446_13542	Ca_desig_scaffold	13542	[T/C]	NA
Ca_Desig_Chr_scaffold03462_21152	Ca_desig_scaffold	21152	[A/C]	NA
Ca_Desig_Chr_scaffold03466_20154	Ca_desig_scaffold	20154	[T/G]	NA
Ca_Desig_Chr_scaffold03478_19753	Ca_desig_scaffold	19753	[T/G]	NA
Ca_Desig_Chr_scaffold03487_27799	Ca_desig_scaffold	27799	[T/A]	NA
Ca_Desig_Chr_scaffold03487_27821	Ca_desig_scaffold	27821	[A/G]	NA
Ca_Desig_Chr_scaffold03487_27840	Ca_desig_scaffold	27840	[A/G]	NA
Ca_Desig_Chr_scaffold03494_10829	Ca_desig_scaffold	10829	[A/G]	NA
Ca_Desig_Chr_scaffold03540_26762	Ca_desig_scaffold	26762	[T/C]	NA
Ca_Desig_Chr_scaffold03544_12310	Ca_desig_scaffold	12310	[A/T]	NA
Ca_Desig_Chr_scaffold03548_12180	Ca_desig_scaffold	12180	[T/A]	NA
Ca_Desig_Chr_scaffold03549_7641	Ca_desig_scaffold	7641	[T/G]	NA
Ca_Desig_Chr_scaffold03550_21627	Ca_desig_scaffold	21627	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold03550_21629	Ca_desig_scaffold	21629	[T/G]	NA
Ca_DesigChr_scaffold03550_21631	Ca_desig_scaffold	21631	[T/G]	NA
Ca_DesigChr_scaffold03550_21650	Ca_desig_scaffold	21650	[T/C]	NA
Ca_DesigChr_scaffold03555_3006	Ca_desig_scaffold	3006	[C/A]	NA
Ca_DesigChr_scaffold03555_3007	Ca_desig_scaffold	3007	[C/G]	NA
Ca_DesigChr_scaffold03555_3008	Ca_desig_scaffold	3008	[T/A]	NA
Ca_DesigChr_scaffold03556_372	Ca_desig_scaffold	372	[T/A]	NA
Ca_DesigChr_scaffold03556_374	Ca_desig_scaffold	374	[T/G]	NA
Ca_DesigChr_scaffold03556_407	Ca_desig_scaffold	407	[A/T]	NA
Ca_DesigChr_scaffold03556_412	Ca_desig_scaffold	412	[A/C]	NA
Ca_DesigChr_scaffold03562_12485	Ca_desig_scaffold	12485	[G/A]	NA
Ca_DesigChr_scaffold03562_22877	Ca_desig_scaffold	22877	[T/G]	NA
Ca_DesigChr_scaffold03563_1592	Ca_desig_scaffold	1592	[A/G]	NA
Ca_DesigChr_scaffold03563_1605	Ca_desig_scaffold	1605	[A/T]	NA
Ca_DesigChr_scaffold03563_1610	Ca_desig_scaffold	1610	[A/G]	NA
Ca_DesigChr_scaffold03563_1613	Ca_desig_scaffold	1613	[T/G]	NA
Ca_DesigChr_scaffold03563_1616	Ca_desig_scaffold	1616	[T/G]	NA
Ca_DesigChr_scaffold03563_1619	Ca_desig_scaffold	1619	[T/G]	NA
Ca_DesigChr_scaffold03563_25383	Ca_desig_scaffold	25383	[T/A]	NA
Ca_DesigChr_scaffold03563_25385	Ca_desig_scaffold	25385	[A/G]	NA
Ca_DesigChr_scaffold03563_25975	Ca_desig_scaffold	25975	[A/T]	NA
Ca_DesigChr_scaffold03563_25983	Ca_desig_scaffold	25983	[T/G]	NA
Ca_DesigChr_scaffold03563_25985	Ca_desig_scaffold	25985	[T/G]	NA
Ca_DesigChr_scaffold03563_25988	Ca_desig_scaffold	25988	[T/G]	NA
Ca_DesigChr_scaffold03563_25991	Ca_desig_scaffold	25991	[T/C]	NA
Ca_DesigChr_scaffold03563_26000	Ca_desig_scaffold	26000	[A/G]	NA
Ca_DesigChr_scaffold03563_26046	Ca_desig_scaffold	26046	[T/C]	NA
Ca_DesigChr_scaffold03563_26066	Ca_desig_scaffold	26066	[A/G]	NA
Ca_DesigChr_scaffold03563_26068	Ca_desig_scaffold	26068	[T/G]	NA
Ca_DesigChr_scaffold03563_26272	Ca_desig_scaffold	26272	[A/C]	NA
Ca_DesigChr_scaffold03563_26273	Ca_desig_scaffold	26273	[T/A]	NA
Ca_DesigChr_scaffold03563_26274	Ca_desig_scaffold	26274	[C/G]	NA
Ca_DesigChr_scaffold03563_26275	Ca_desig_scaffold	26275	[T/G]	NA
Ca_DesigChr_scaffold03575_8135	Ca_desig_scaffold	8135	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold03576_20682	Ca_desig_scaffold	20682	[T/C]	NA
Ca_Desig_Chr_scaffold03589_9161	Ca_desig_scaffold	9161	[T/G]	NA
Ca_Desig_Chr_scaffold03589_9201	Ca_desig_scaffold	9201	[A/G]	NA
Ca_Desig_Chr_scaffold03592_5080	Ca_desig_scaffold	5080	[C/A]	NA
Ca_Desig_Chr_scaffold03592_5119	Ca_desig_scaffold	5119	[A/G]	NA
Ca_Desig_Chr_scaffold03602_18532	Ca_desig_scaffold	18532	[A/G]	NA
Ca_Desig_Chr_scaffold03602_18535	Ca_desig_scaffold	18535	[A/G]	NA
Ca_Desig_Chr_scaffold03602_27486	Ca_desig_scaffold	27486	[T/G]	NA
Ca_Desig_Chr_scaffold03617_15813	Ca_desig_scaffold	15813	[G/A]	NA
Ca_Desig_Chr_scaffold03618_1919	Ca_desig_scaffold	1919	[C/A]	NA
Ca_Desig_Chr_scaffold03626_11847	Ca_desig_scaffold	11847	[T/G]	NA
Ca_Desig_Chr_scaffold03636_15783	Ca_desig_scaffold	15783	[T/C]	NA
Ca_Desig_Chr_scaffold03636_15792	Ca_desig_scaffold	15792	[T/C]	NA
Ca_Desig_Chr_scaffold03640_7938	Ca_desig_scaffold	7938	[A/C]	NA
Ca_Desig_Chr_scaffold03640_7939	Ca_desig_scaffold	7939	[T/G]	NA
Ca_Desig_Chr_scaffold03640_7942	Ca_desig_scaffold	7942	[G/C]	NA
Ca_Desig_Chr_scaffold03640_7943	Ca_desig_scaffold	7943	[G/T]	NA
Ca_Desig_Chr_scaffold03645_21707	Ca_desig_scaffold	21707	[A/T]	NA
Ca_Desig_Chr_scaffold03645_21742	Ca_desig_scaffold	21742	[G/T]	NA
Ca_Desig_Chr_scaffold03647_9538	Ca_desig_scaffold	9538	[T/G]	NA
Ca_Desig_Chr_scaffold03647_9547	Ca_desig_scaffold	9547	[T/G]	NA
Ca_Desig_Chr_scaffold03647_9559	Ca_desig_scaffold	9559	[G/A]	NA
Ca_Desig_Chr_scaffold03647_9563	Ca_desig_scaffold	9563	[G/A]	NA
Ca_Desig_Chr_scaffold03647_9570	Ca_desig_scaffold	9570	[T/C]	NA
Ca_Desig_Chr_scaffold03647_9571	Ca_desig_scaffold	9571	[T/C]	NA
Ca_Desig_Chr_scaffold03661_3820	Ca_desig_scaffold	3820	[T/C]	NA
Ca_Desig_Chr_scaffold03661_3823	Ca_desig_scaffold	3823	[T/C]	NA
Ca_Desig_Chr_scaffold03661_3829	Ca_desig_scaffold	3829	[T/G]	NA
Ca_Desig_Chr_scaffold03661_3859	Ca_desig_scaffold	3859	[A/G]	NA
Ca_Desig_Chr_scaffold03674_6252	Ca_desig_scaffold	6252	[A/G]	NA
Ca_Desig_Chr_scaffold03676_17619	Ca_desig_scaffold	17619	[A/C]	NA
Ca_Desig_Chr_scaffold03676_17620	Ca_desig_scaffold	17620	[G/T]	NA
Ca_Desig_Chr_scaffold03700_18176	Ca_desig_scaffold	18176	[A/G]	NA
Ca_Desig_Chr_scaffold03704_6224	Ca_desig_scaffold	6224	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold03704_9343	Ca_desig_scaffold	9343	[T/G]	NA
Ca_Desig_Chr_scaffold03704_15297	Ca_desig_scaffold	15297	[A/G]	NA
Ca_Desig_Chr_scaffold03714_20698	Ca_desig_scaffold	20698	[T/C]	NA
Ca_Desig_Chr_scaffold03724_9705	Ca_desig_scaffold	9705	[A/T]	NA
Ca_Desig_Chr_scaffold03741_13260	Ca_desig_scaffold	13260	[G/C]	NA
Ca_Desig_Chr_scaffold03741_13261	Ca_desig_scaffold	13261	[G/T]	NA
Ca_Desig_Chr_scaffold03741_18252	Ca_desig_scaffold	18252	[G/C]	NA
Ca_Desig_Chr_scaffold03741_18253	Ca_desig_scaffold	18253	[G/T]	NA
Ca_Desig_Chr_scaffold03745_21848	Ca_desig_scaffold	21848	[T/C]	NA
Ca_Desig_Chr_scaffold03745_21880	Ca_desig_scaffold	21880	[T/C]	NA
Ca_Desig_Chr_scaffold03745_21890	Ca_desig_scaffold	21890	[A/G]	NA
Ca_Desig_Chr_scaffold03750_12208	Ca_desig_scaffold	12208	[C/A]	NA
Ca_Desig_Chr_scaffold03755_3215	Ca_desig_scaffold	3215	[A/T]	NA
Ca_Desig_Chr_scaffold03755_12567	Ca_desig_scaffold	12567	[A/C]	NA
Ca_Desig_Chr_scaffold03758_16098	Ca_desig_scaffold	16098	[T/G]	NA
Ca_Desig_Chr_scaffold03761_12125	Ca_desig_scaffold	12125	[A/G]	NA
Ca_Desig_Chr_scaffold03761_12127	Ca_desig_scaffold	12127	[A/G]	NA
Ca_Desig_Chr_scaffold03761_12134	Ca_desig_scaffold	12134	[T/C]	NA
Ca_Desig_Chr_scaffold03761_12140	Ca_desig_scaffold	12140	[A/C]	NA
Ca_Desig_Chr_scaffold03761_12168	Ca_desig_scaffold	12168	[A/T]	NA
Ca_Desig_Chr_scaffold03761_12711	Ca_desig_scaffold	12711	[T/G]	NA
Ca_Desig_Chr_scaffold03761_12737	Ca_desig_scaffold	12737	[A/G]	NA
Ca_Desig_Chr_scaffold03761_20950	Ca_desig_scaffold	20950	[A/C]	NA
Ca_Desig_Chr_scaffold03765_5399	Ca_desig_scaffold	5399	[T/A]	NA
Ca_Desig_Chr_scaffold03773_10121	Ca_desig_scaffold	10121	[A/G]	NA
Ca_Desig_Chr_scaffold03805_12798	Ca_desig_scaffold	12798	[T/C]	NA
Ca_Desig_Chr_scaffold03805_12824	Ca_desig_scaffold	12824	[T/C]	NA
Ca_Desig_Chr_scaffold03813_11002	Ca_desig_scaffold	11002	[G/A]	NA
Ca_Desig_Chr_scaffold03813_11006	Ca_desig_scaffold	11006	[C/T]	NA
Ca_Desig_Chr_scaffold03830_16123	Ca_desig_scaffold	16123	[A/G]	NA
Ca_Desig_Chr_scaffold03830_16126	Ca_desig_scaffold	16126	[T/G]	NA
Ca_Desig_Chr_scaffold03830_16132	Ca_desig_scaffold	16132	[A/G]	NA
Ca_Desig_Chr_scaffold03830_16140	Ca_desig_scaffold	16140	[T/C]	NA
Ca_Desig_Chr_scaffold03830_16143	Ca_desig_scaffold	16143	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold03861_1535	Ca_desi_scaffold	1535	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1542	Ca_desi_scaffold	1542	[G/C]	NA
Ca_Desi_Ch_scaffold03861_1548	Ca_desi_scaffold	1548	[A/G]	NA
Ca_Desi_Ch_scaffold03861_1553	Ca_desi_scaffold	1553	[A/G]	NA
Ca_Desi_Ch_scaffold03861_1557	Ca_desi_scaffold	1557	[A/G]	NA
Ca_Desi_Ch_scaffold03861_1565	Ca_desi_scaffold	1565	[A/G]	NA
Ca_Desi_Ch_scaffold03861_1566	Ca_desi_scaffold	1566	[A/G]	NA
Ca_Desi_Ch_scaffold03861_1568	Ca_desi_scaffold	1568	[A/G]	NA
Ca_Desi_Ch_scaffold03861_1576	Ca_desi_scaffold	1576	[A/G]	NA
Ca_Desi_Ch_scaffold03861_1579	Ca_desi_scaffold	1579	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1614	Ca_desi_scaffold	1614	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1618	Ca_desi_scaffold	1618	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1620	Ca_desi_scaffold	1620	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1625	Ca_desi_scaffold	1625	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1627	Ca_desi_scaffold	1627	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1633	Ca_desi_scaffold	1633	[A/G]	NA
Ca_Desi_Ch_scaffold03861_1637	Ca_desi_scaffold	1637	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1647	Ca_desi_scaffold	1647	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1662	Ca_desi_scaffold	1662	[A/C]	NA
Ca_Desi_Ch_scaffold03861_1666	Ca_desi_scaffold	1666	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1671	Ca_desi_scaffold	1671	[A/C]	NA
Ca_Desi_Ch_scaffold03861_1673	Ca_desi_scaffold	1673	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1676	Ca_desi_scaffold	1676	[T/C]	NA
Ca_Desi_Ch_scaffold03861_1682	Ca_desi_scaffold	1682	[T/C]	NA
Ca_Desi_Ch_scaffold03868_9462	Ca_desi_scaffold	9462	[T/C]	NA
Ca_Desi_Ch_scaffold03868_9540	Ca_desi_scaffold	9540	[A/C]	NA
Ca_Desi_Ch_scaffold03886_3633	Ca_desi_scaffold	3633	[G/T]	NA
Ca_Desi_Ch_scaffold03888_2451	Ca_desi_scaffold	2451	[A/C]	NA
Ca_Desi_Ch_scaffold03895_23697	Ca_desi_scaffold	23697	[T/G]	NA
Ca_Desi_Ch_scaffold03899_18455	Ca_desi_scaffold	18455	[A/G]	NA
Ca_Desi_Ch_scaffold03899_18475	Ca_desi_scaffold	18475	[C/G]	NA
Ca_Desi_Ch_scaffold03903_18690	Ca_desi_scaffold	18690	[C/G]	NA
Ca_Desi_Ch_scaffold03903_19335	Ca_desi_scaffold	19335	[C/A]	NA
Ca_Desi_Ch_scaffold03905_19194	Ca_desi_scaffold	19194	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold03905_19208	Ca_desig_scaffold	19208	[T/C]	NA
Ca_Desig_Chr_scaffold03907_7751	Ca_desig_scaffold	7751	[A/G]	NA
Ca_Desig_Chr_scaffold03907_8010	Ca_desig_scaffold	8010	[A/T]	NA
Ca_Desig_Chr_scaffold03907_8014	Ca_desig_scaffold	8014	[A/G]	NA
Ca_Desig_Chr_scaffold03907_8023	Ca_desig_scaffold	8023	[A/C]	NA
Ca_Desig_Chr_scaffold03907_8033	Ca_desig_scaffold	8033	[T/G]	NA
Ca_Desig_Chr_scaffold03907_12196	Ca_desig_scaffold	12196	[T/A]	NA
Ca_Desig_Chr_scaffold03907_12215	Ca_desig_scaffold	12215	[A/G]	NA
Ca_Desig_Chr_scaffold03913_13407	Ca_desig_scaffold	13407	[A/G]	NA
Ca_Desig_Chr_scaffold03913_13419	Ca_desig_scaffold	13419	[A/G]	NA
Ca_Desig_Chr_scaffold03913_13435	Ca_desig_scaffold	13435	[T/G]	NA
Ca_Desig_Chr_scaffold03913_13438	Ca_desig_scaffold	13438	[T/A]	NA
Ca_Desig_Chr_scaffold03913_13441	Ca_desig_scaffold	13441	[A/G]	NA
Ca_Desig_Chr_scaffold03913_13445	Ca_desig_scaffold	13445	[T/A]	NA
Ca_Desig_Chr_scaffold03925_20377	Ca_desig_scaffold	20377	[T/C]	NA
Ca_Desig_Chr_scaffold03925_20382	Ca_desig_scaffold	20382	[A/G]	NA
Ca_Desig_Chr_scaffold03925_20412	Ca_desig_scaffold	20412	[A/G]	NA
Ca_Desig_Chr_scaffold03925_20427	Ca_desig_scaffold	20427	[A/G]	NA
Ca_Desig_Chr_scaffold03925_20432	Ca_desig_scaffold	20432	[T/C]	NA
Ca_Desig_Chr_scaffold03925_20441	Ca_desig_scaffold	20441	[A/G]	NA
Ca_Desig_Chr_scaffold03925_20453	Ca_desig_scaffold	20453	[T/G]	NA
Ca_Desig_Chr_scaffold03925_20457	Ca_desig_scaffold	20457	[A/G]	NA
Ca_Desig_Chr_scaffold03925_20459	Ca_desig_scaffold	20459	[T/A]	NA
Ca_Desig_Chr_scaffold03925_20467	Ca_desig_scaffold	20467	[A/T]	NA
Ca_Desig_Chr_scaffold03925_21078	Ca_desig_scaffold	21078	[T/C]	NA
Ca_Desig_Chr_scaffold03925_21083	Ca_desig_scaffold	21083	[T/C]	NA
Ca_Desig_Chr_scaffold03925_21090	Ca_desig_scaffold	21090	[T/C]	NA
Ca_Desig_Chr_scaffold03925_21096	Ca_desig_scaffold	21096	[A/G]	NA
Ca_Desig_Chr_scaffold03925_21102	Ca_desig_scaffold	21102	[T/C]	NA
Ca_Desig_Chr_scaffold03925_21111	Ca_desig_scaffold	21111	[T/G]	NA
Ca_Desig_Chr_scaffold03925_21123	Ca_desig_scaffold	21123	[T/A]	NA
Ca_Desig_Chr_scaffold03933_8077	Ca_desig_scaffold	8077	[T/C]	NA
Ca_Desig_Chr_scaffold03933_8093	Ca_desig_scaffold	8093	[T/G]	NA
Ca_Desig_Chr_scaffold03933_9673	Ca_desig_scaffold	9673	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold03933_15350	Ca_desi_scaffold	15350	[T/C]	NA
Ca_Desi_Ch_scaffold03933_15363	Ca_desi_scaffold	15363	[T/C]	NA
Ca_Desi_Ch_scaffold03933_15373	Ca_desi_scaffold	15373	[A/G]	NA
Ca_Desi_Ch_scaffold03933_15387	Ca_desi_scaffold	15387	[T/C]	NA
Ca_Desi_Ch_scaffold03937_17883	Ca_desi_scaffold	17883	[G/A]	NA
Ca_Desi_Ch_scaffold03937_18054	Ca_desi_scaffold	18054	[T/G]	NA
Ca_Desi_Ch_scaffold03941_618	Ca_desi_scaffold	618	[G/A]	NA
Ca_Desi_Ch_scaffold03941_624	Ca_desi_scaffold	624	[A/G]	NA
Ca_Desi_Ch_scaffold03944_422	Ca_desi_scaffold	422	[T/C]	NA
Ca_Desi_Ch_scaffold03944_427	Ca_desi_scaffold	427	[C/T]	NA
Ca_Desi_Ch_scaffold03949_11085	Ca_desi_scaffold	11085	[T/C]	NA
Ca_Desi_Ch_scaffold03949_11090	Ca_desi_scaffold	11090	[A/G]	NA
Ca_Desi_Ch_scaffold03949_11104	Ca_desi_scaffold	11104	[T/C]	NA
Ca_Desi_Ch_scaffold03949_11108	Ca_desi_scaffold	11108	[T/G]	NA
Ca_Desi_Ch_scaffold03949_11115	Ca_desi_scaffold	11115	[T/C]	NA
Ca_Desi_Ch_scaffold03950_12547	Ca_desi_scaffold	12547	[A/C]	NA
Ca_Desi_Ch_scaffold03950_14742	Ca_desi_scaffold	14742	[A/G]	NA
Ca_Desi_Ch_scaffold03950_14760	Ca_desi_scaffold	14760	[A/G]	NA
Ca_Desi_Ch_scaffold03950_14770	Ca_desi_scaffold	14770	[T/C]	NA
Ca_Desi_Ch_scaffold03950_14784	Ca_desi_scaffold	14784	[A/G]	NA
Ca_Desi_Ch_scaffold03954_1788	Ca_desi_scaffold	1788	[T/C]	NA
Ca_Desi_Ch_scaffold03954_2782	Ca_desi_scaffold	2782	[T/A]	NA
Ca_Desi_Ch_scaffold03978_19060	Ca_desi_scaffold	19060	[T/C]	NA
Ca_Desi_Ch_scaffold03978_19074	Ca_desi_scaffold	19074	[G/T]	NA
Ca_Desi_Ch_scaffold03989_15350	Ca_desi_scaffold	15350	[A/G]	NA
Ca_Desi_Ch_scaffold03989_15374	Ca_desi_scaffold	15374	[A/C]	NA
Ca_Desi_Ch_scaffold03989_15385	Ca_desi_scaffold	15385	[A/C]	NA
Ca_Desi_Ch_scaffold03989_15400	Ca_desi_scaffold	15400	[T/C]	NA
Ca_Desi_Ch_scaffold03989_15409	Ca_desi_scaffold	15409	[C/G]	NA
Ca_Desi_Ch_scaffold04007_21953	Ca_desi_scaffold	21953	[T/C]	NA
Ca_Desi_Ch_scaffold04007_21964	Ca_desi_scaffold	21964	[T/C]	NA
Ca_Desi_Ch_scaffold04007_21971	Ca_desi_scaffold	21971	[T/C]	NA
Ca_Desi_Ch_scaffold04007_21976	Ca_desi_scaffold	21976	[T/C]	NA
Ca_Desi_Ch_scaffold04007_21978	Ca_desi_scaffold	21978	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold04008_15327	Ca_desig_scaffold	15327	[T/G]	NA
Ca_Desig_Chr_scaffold04008_15336	Ca_desig_scaffold	15336	[G/A]	NA
Ca_Desig_Chr_scaffold04017_17813	Ca_desig_scaffold	17813	[T/C]	NA
Ca_Desig_Chr_scaffold04017_17816	Ca_desig_scaffold	17816	[A/C]	NA
Ca_Desig_Chr_scaffold04017_17825	Ca_desig_scaffold	17825	[A/G]	NA
Ca_Desig_Chr_scaffold04017_17829	Ca_desig_scaffold	17829	[A/G]	NA
Ca_Desig_Chr_scaffold04017_17835	Ca_desig_scaffold	17835	[A/G]	NA
Ca_Desig_Chr_scaffold04017_17837	Ca_desig_scaffold	17837	[T/G]	NA
Ca_Desig_Chr_scaffold04017_17840	Ca_desig_scaffold	17840	[T/G]	NA
Ca_Desig_Chr_scaffold04017_17843	Ca_desig_scaffold	17843	[T/A]	NA
Ca_Desig_Chr_scaffold04025_8095	Ca_desig_scaffold	8095	[T/A]	NA
Ca_Desig_Chr_scaffold04027_3949	Ca_desig_scaffold	3949	[A/T]	NA
Ca_Desig_Chr_scaffold04027_9513	Ca_desig_scaffold	9513	[T/C]	NA
Ca_Desig_Chr_scaffold04027_9538	Ca_desig_scaffold	9538	[T/C]	NA
Ca_Desig_Chr_scaffold04027_9551	Ca_desig_scaffold	9551	[A/G]	NA
Ca_Desig_Chr_scaffold04029_15259	Ca_desig_scaffold	15259	[A/C]	NA
Ca_Desig_Chr_scaffold04029_15287	Ca_desig_scaffold	15287	[T/C]	NA
Ca_Desig_Chr_scaffold04040_14321	Ca_desig_scaffold	14321	[G/A]	NA
Ca_Desig_Chr_scaffold04040_14329	Ca_desig_scaffold	14329	[T/C]	NA
Ca_Desig_Chr_scaffold04040_15409	Ca_desig_scaffold	15409	[A/G]	NA
Ca_Desig_Chr_scaffold04040_15425	Ca_desig_scaffold	15425	[T/C]	NA
Ca_Desig_Chr_scaffold04040_15433	Ca_desig_scaffold	15433	[T/G]	NA
Ca_Desig_Chr_scaffold04054_1137	Ca_desig_scaffold	1137	[T/G]	NA
Ca_Desig_Chr_scaffold04073_14823	Ca_desig_scaffold	14823	[A/T]	NA
Ca_Desig_Chr_scaffold04073_14831	Ca_desig_scaffold	14831	[A/G]	NA
Ca_Desig_Chr_scaffold04073_14855	Ca_desig_scaffold	14855	[T/C]	NA
Ca_Desig_Chr_scaffold04073_14881	Ca_desig_scaffold	14881	[T/C]	NA
Ca_Desig_Chr_scaffold04073_15713	Ca_desig_scaffold	15713	[A/T]	NA
Ca_Desig_Chr_scaffold04073_15733	Ca_desig_scaffold	15733	[A/T]	NA
Ca_Desig_Chr_scaffold04079_9695	Ca_desig_scaffold	9695	[G/T]	NA
Ca_Desig_Chr_scaffold04085_1686	Ca_desig_scaffold	1686	[C/A]	NA
Ca_Desig_Chr_scaffold04085_1688	Ca_desig_scaffold	1688	[A/G]	NA
Ca_Desig_Chr_scaffold04102_11199	Ca_desig_scaffold	11199	[T/G]	NA
Ca_Desig_Chr_scaffold04105_19479	Ca_desig_scaffold	19479	[T/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold04106_5643	Ca_desi_scaffold	5643	[G/T]	NA
Ca_Desi_Chromosome_scaffold04106_5644	Ca_desi_scaffold	5644	[A/C]	NA
Ca_Desi_Chromosome_scaffold04106_5645	Ca_desi_scaffold	5645	[G/T]	NA
Ca_Desi_Chromosome_scaffold04112_15682	Ca_desi_scaffold	15682	[A/C]	NA
Ca_Desi_Chromosome_scaffold04112_15683	Ca_desi_scaffold	15683	[G/C]	NA
Ca_Desi_Chromosome_scaffold04125_2084	Ca_desi_scaffold	2084	[A/C]	NA
Ca_Desi_Chromosome_scaffold04127_2688	Ca_desi_scaffold	2688	[A/C]	NA
Ca_Desi_Chromosome_scaffold04127_3552	Ca_desi_scaffold	3552	[T/C]	NA
Ca_Desi_Chromosome_scaffold04127_3628	Ca_desi_scaffold	3628	[G/T]	NA
Ca_Desi_Chromosome_scaffold04127_5840	Ca_desi_scaffold	5840	[C/A]	NA
Ca_Desi_Chromosome_scaffold04127_5867	Ca_desi_scaffold	5867	[C/T]	NA
Ca_Desi_Chromosome_scaffold04127_5869	Ca_desi_scaffold	5869	[T/G]	NA
Ca_Desi_Chromosome_scaffold04127_5897	Ca_desi_scaffold	5897	[A/C]	NA
Ca_Desi_Chromosome_scaffold04130_17014	Ca_desi_scaffold	17014	[T/G]	NA
Ca_Desi_Chromosome_scaffold04130_17022	Ca_desi_scaffold	17022	[T/G]	NA
Ca_Desi_Chromosome_scaffold04144_4124	Ca_desi_scaffold	4124	[T/G]	NA
Ca_Desi_Chromosome_scaffold04144_8514	Ca_desi_scaffold	8514	[G/A]	NA
Ca_Desi_Chromosome_scaffold04144_8618	Ca_desi_scaffold	8618	[A/C]	NA
Ca_Desi_Chromosome_scaffold04156_12822	Ca_desi_scaffold	12822	[A/G]	NA
Ca_Desi_Chromosome_scaffold04156_12850	Ca_desi_scaffold	12850	[A/C]	NA
Ca_Desi_Chromosome_scaffold04158_6185	Ca_desi_scaffold	6185	[G/T]	NA
Ca_Desi_Chromosome_scaffold04158_6186	Ca_desi_scaffold	6186	[C/G]	NA
Ca_Desi_Chromosome_scaffold04158_6298	Ca_desi_scaffold	6298	[T/G]	NA
Ca_Desi_Chromosome_scaffold04160_15332	Ca_desi_scaffold	15332	[A/T]	NA
Ca_Desi_Chromosome_scaffold04160_15479	Ca_desi_scaffold	15479	[A/C]	NA
Ca_Desi_Chromosome_scaffold04160_17065	Ca_desi_scaffold	17065	[A/T]	NA
Ca_Desi_Chromosome_scaffold04160_17074	Ca_desi_scaffold	17074	[A/G]	NA
Ca_Desi_Chromosome_scaffold04160_17080	Ca_desi_scaffold	17080	[A/G]	NA
Ca_Desi_Chromosome_scaffold04160_17087	Ca_desi_scaffold	17087	[T/C]	NA
Ca_Desi_Chromosome_scaffold04160_17092	Ca_desi_scaffold	17092	[A/G]	NA
Ca_Desi_Chromosome_scaffold04160_17098	Ca_desi_scaffold	17098	[T/G]	NA
Ca_Desi_Chromosome_scaffold04160_17108	Ca_desi_scaffold	17108	[A/G]	NA
Ca_Desi_Chromosome_scaffold04160_17110	Ca_desi_scaffold	17110	[A/G]	NA
Ca_Desi_Chromosome_scaffold04160_17120	Ca_desi_scaffold	17120	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold04165_15558	Ca_desig_scaffold	15558	[G/T]	NA
Ca_Desig_Chr_scaffold04178_20209	Ca_desig_scaffold	20209	[T/C]	NA
Ca_Desig_Chr_scaffold04185_4807	Ca_desig_scaffold	4807	[T/C]	NA
Ca_Desig_Chr_scaffold04185_7175	Ca_desig_scaffold	7175	[T/A]	NA
Ca_Desig_Chr_scaffold04185_7249	Ca_desig_scaffold	7249	[C/T]	NA
Ca_Desig_Chr_scaffold04185_7264	Ca_desig_scaffold	7264	[T/C]	NA
Ca_Desig_Chr_scaffold04185_7339	Ca_desig_scaffold	7339	[G/A]	NA
Ca_Desig_Chr_scaffold04185_7340	Ca_desig_scaffold	7340	[A/T]	NA
Ca_Desig_Chr_scaffold04185_7701	Ca_desig_scaffold	7701	[G/A]	NA
Ca_Desig_Chr_scaffold04185_7729	Ca_desig_scaffold	7729	[T/C]	NA
Ca_Desig_Chr_scaffold04185_7917	Ca_desig_scaffold	7917	[T/C]	NA
Ca_Desig_Chr_scaffold04185_7936	Ca_desig_scaffold	7936	[G/A]	NA
Ca_Desig_Chr_scaffold04189_4183	Ca_desig_scaffold	4183	[A/C]	NA
Ca_Desig_Chr_scaffold04189_4186	Ca_desig_scaffold	4186	[G/T]	NA
Ca_Desig_Chr_scaffold04207_4796	Ca_desig_scaffold	4796	[T/G]	NA
Ca_Desig_Chr_scaffold04207_4800	Ca_desig_scaffold	4800	[T/G]	NA
Ca_Desig_Chr_scaffold04207_4831	Ca_desig_scaffold	4831	[A/C]	NA
Ca_Desig_Chr_scaffold04214_402	Ca_desig_scaffold	402	[T/G]	NA
Ca_Desig_Chr_scaffold04214_408	Ca_desig_scaffold	408	[T/G]	NA
Ca_Desig_Chr_scaffold04219_7413	Ca_desig_scaffold	7413	[T/G]	NA
Ca_Desig_Chr_scaffold04219_7415	Ca_desig_scaffold	7415	[T/G]	NA
Ca_Desig_Chr_scaffold04231_6025	Ca_desig_scaffold	6025	[A/C]	NA
Ca_Desig_Chr_scaffold04242_2168	Ca_desig_scaffold	2168	[T/G]	NA
Ca_Desig_Chr_scaffold04242_15007	Ca_desig_scaffold	15007	[T/G]	NA
Ca_Desig_Chr_scaffold04253_7089	Ca_desig_scaffold	7089	[T/A]	NA
Ca_Desig_Chr_scaffold04259_980	Ca_desig_scaffold	980	[A/T]	NA
Ca_Desig_Chr_scaffold04259_1557	Ca_desig_scaffold	1557	[C/T]	NA
Ca_Desig_Chr_scaffold04316_5219	Ca_desig_scaffold	5219	[A/G]	NA
Ca_Desig_Chr_scaffold04316_10139	Ca_desig_scaffold	10139	[T/G]	NA
Ca_Desig_Chr_scaffold04316_10209	Ca_desig_scaffold	10209	[C/G]	NA
Ca_Desig_Chr_scaffold04316_10710	Ca_desig_scaffold	10710	[T/G]	NA
Ca_Desig_Chr_scaffold04316_12627	Ca_desig_scaffold	12627	[T/G]	NA
Ca_Desig_Chr_scaffold04316_12630	Ca_desig_scaffold	12630	[T/G]	NA
Ca_Desig_Chr_scaffold04319_6093	Ca_desig_scaffold	6093	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold04326_9610	Ca_desi_scaffold	9610	[T/G]	NA
Ca_Desi_Ch_scaffold04334_1917	Ca_desi_scaffold	1917	[T/C]	NA
Ca_Desi_Ch_scaffold04334_1919	Ca_desi_scaffold	1919	[G/C]	NA
Ca_Desi_Ch_scaffold04334_1921	Ca_desi_scaffold	1921	[T/C]	NA
Ca_Desi_Ch_scaffold04349_2544	Ca_desi_scaffold	2544	[G/A]	NA
Ca_Desi_Ch_scaffold04349_2819	Ca_desi_scaffold	2819	[T/C]	NA
Ca_Desi_Ch_scaffold04349_2829	Ca_desi_scaffold	2829	[A/G]	NA
Ca_Desi_Ch_scaffold04349_2835	Ca_desi_scaffold	2835	[T/G]	NA
Ca_Desi_Ch_scaffold04349_18021	Ca_desi_scaffold	18021	[T/C]	NA
Ca_Desi_Ch_scaffold04353_12790	Ca_desi_scaffold	12790	[G/A]	NA
Ca_Desi_Ch_scaffold04364_13608	Ca_desi_scaffold	13608	[T/G]	NA
Ca_Desi_Ch_scaffold04371_10480	Ca_desi_scaffold	10480	[T/G]	NA
Ca_Desi_Ch_scaffold04379_8803	Ca_desi_scaffold	8803	[A/T]	NA
Ca_Desi_Ch_scaffold04379_8806	Ca_desi_scaffold	8806	[G/T]	NA
Ca_Desi_Ch_scaffold04379_8816	Ca_desi_scaffold	8816	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8820	Ca_desi_scaffold	8820	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8823	Ca_desi_scaffold	8823	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8824	Ca_desi_scaffold	8824	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8826	Ca_desi_scaffold	8826	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8828	Ca_desi_scaffold	8828	[A/C]	NA
Ca_Desi_Ch_scaffold04379_8833	Ca_desi_scaffold	8833	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8839	Ca_desi_scaffold	8839	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8843	Ca_desi_scaffold	8843	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8847	Ca_desi_scaffold	8847	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8851	Ca_desi_scaffold	8851	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8856	Ca_desi_scaffold	8856	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8863	Ca_desi_scaffold	8863	[T/C]	NA
Ca_Desi_Ch_scaffold04379_8870	Ca_desi_scaffold	8870	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8872	Ca_desi_scaffold	8872	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8876	Ca_desi_scaffold	8876	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8879	Ca_desi_scaffold	8879	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8880	Ca_desi_scaffold	8880	[A/G]	NA
Ca_Desi_Ch_scaffold04379_8883	Ca_desi_scaffold	8883	[T/G]	NA
Ca_Desi_Ch_scaffold04379_8889	Ca_desi_scaffold	8889	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold04379_8893	Ca_desig_scaffold	8893	[A/G]	NA
Ca_Desig_Chr_scaffold04379_8899	Ca_desig_scaffold	8899	[A/G]	NA
Ca_Desig_Chr_scaffold04379_8903	Ca_desig_scaffold	8903	[A/G]	NA
Ca_Desig_Chr_scaffold04379_8905	Ca_desig_scaffold	8905	[A/G]	NA
Ca_Desig_Chr_scaffold04379_8907	Ca_desig_scaffold	8907	[T/C]	NA
Ca_Desig_Chr_scaffold04379_8913	Ca_desig_scaffold	8913	[T/C]	NA
Ca_Desig_Chr_scaffold04379_8915	Ca_desig_scaffold	8915	[T/C]	NA
Ca_Desig_Chr_scaffold04379_8922	Ca_desig_scaffold	8922	[A/G]	NA
Ca_Desig_Chr_scaffold04379_8928	Ca_desig_scaffold	8928	[C/A]	NA
Ca_Desig_Chr_scaffold04384_1027	Ca_desig_scaffold	1027	[A/C]	NA
Ca_Desig_Chr_scaffold04384_1032	Ca_desig_scaffold	1032	[T/C]	NA
Ca_Desig_Chr_scaffold04384_5214	Ca_desig_scaffold	5214	[G/A]	NA
Ca_Desig_Chr_scaffold04400_15656	Ca_desig_scaffold	15656	[T/C]	NA
Ca_Desig_Chr_scaffold04414_7728	Ca_desig_scaffold	7728	[A/C]	NA
Ca_Desig_Chr_scaffold04423_2454	Ca_desig_scaffold	2454	[A/C]	NA
Ca_Desig_Chr_scaffold04423_12404	Ca_desig_scaffold	12404	[A/G]	NA
Ca_Desig_Chr_scaffold04423_12408	Ca_desig_scaffold	12408	[T/G]	NA
Ca_Desig_Chr_scaffold04423_12411	Ca_desig_scaffold	12411	[T/G]	NA
Ca_Desig_Chr_scaffold04423_12414	Ca_desig_scaffold	12414	[T/G]	NA
Ca_Desig_Chr_scaffold04423_12420	Ca_desig_scaffold	12420	[A/G]	NA
Ca_Desig_Chr_scaffold04423_12429	Ca_desig_scaffold	12429	[A/G]	NA
Ca_Desig_Chr_scaffold04423_12438	Ca_desig_scaffold	12438	[A/G]	NA
Ca_Desig_Chr_scaffold04423_12443	Ca_desig_scaffold	12443	[A/G]	NA
Ca_Desig_Chr_scaffold04431_755	Ca_desig_scaffold	755	[A/T]	NA
Ca_Desig_Chr_scaffold04431_758	Ca_desig_scaffold	758	[G/A]	NA
Ca_Desig_Chr_scaffold04431_763	Ca_desig_scaffold	763	[T/C]	NA
Ca_Desig_Chr_scaffold04447_5029	Ca_desig_scaffold	5029	[C/T]	NA
Ca_Desig_Chr_scaffold04447_5208	Ca_desig_scaffold	5208	[C/T]	NA
Ca_Desig_Chr_scaffold04447_5284	Ca_desig_scaffold	5284	[C/A]	NA
Ca_Desig_Chr_scaffold04447_5285	Ca_desig_scaffold	5285	[T/G]	NA
Ca_Desig_Chr_scaffold04447_5286	Ca_desig_scaffold	5286	[G/A]	NA
Ca_Desig_Chr_scaffold04448_6266	Ca_desig_scaffold	6266	[A/C]	NA
Ca_Desig_Chr_scaffold04457_19027	Ca_desig_scaffold	19027	[A/C]	NA
Ca_Desig_Chr_scaffold04457_19030	Ca_desig_scaffold	19030	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_scaffold04460_11627	Ca_desi_scaffold	11627	[T/G]	NA
Ca_Desi_Chr_scaffold04460_11654	Ca_desi_scaffold	11654	[T/C]	NA
Ca_Desi_Chr_scaffold04460_11655	Ca_desi_scaffold	11655	[G/T]	NA
Ca_Desi_Chr_scaffold04463_821	Ca_desi_scaffold	821	[A/C]	NA
Ca_Desi_Chr_scaffold04463_849	Ca_desi_scaffold	849	[T/C]	NA
Ca_Desi_Chr_scaffold04463_856	Ca_desi_scaffold	856	[T/C]	NA
Ca_Desi_Chr_scaffold04463_878	Ca_desi_scaffold	878	[T/C]	NA
Ca_Desi_Chr_scaffold04463_897	Ca_desi_scaffold	897	[T/G]	NA
Ca_Desi_Chr_scaffold04463_898	Ca_desi_scaffold	898	[A/C]	NA
Ca_Desi_Chr_scaffold04463_917	Ca_desi_scaffold	917	[C/G]	NA
Ca_Desi_Chr_scaffold04463_918	Ca_desi_scaffold	918	[A/G]	NA
Ca_Desi_Chr_scaffold04463_941	Ca_desi_scaffold	941	[A/C]	NA
Ca_Desi_Chr_scaffold04472_16931	Ca_desi_scaffold	16931	[T/G]	NA
Ca_Desi_Chr_scaffold04484_15551	Ca_desi_scaffold	15551	[A/G]	NA
Ca_Desi_Chr_scaffold04484_15870	Ca_desi_scaffold	15870	[A/T]	NA
Ca_Desi_Chr_scaffold04496_9279	Ca_desi_scaffold	9279	[T/C]	NA
Ca_Desi_Chr_scaffold04496_9297	Ca_desi_scaffold	9297	[A/G]	NA
Ca_Desi_Chr_scaffold04496_9309	Ca_desi_scaffold	9309	[T/G]	NA
Ca_Desi_Chr_scaffold04496_9312	Ca_desi_scaffold	9312	[T/G]	NA
Ca_Desi_Chr_scaffold04496_9313	Ca_desi_scaffold	9313	[A/C]	NA
Ca_Desi_Chr_scaffold04496_9317	Ca_desi_scaffold	9317	[A/C]	NA
Ca_Desi_Chr_scaffold04534_15826	Ca_desi_scaffold	15826	[T/C]	NA
Ca_Desi_Chr_scaffold04534_15831	Ca_desi_scaffold	15831	[T/C]	NA
Ca_Desi_Chr_scaffold04534_15837	Ca_desi_scaffold	15837	[T/C]	NA
Ca_Desi_Chr_scaffold04534_15843	Ca_desi_scaffold	15843	[T/C]	NA
Ca_Desi_Chr_scaffold04534_15849	Ca_desi_scaffold	15849	[T/C]	NA
Ca_Desi_Chr_scaffold04534_15869	Ca_desi_scaffold	15869	[T/C]	NA
Ca_Desi_Chr_scaffold04534_15875	Ca_desi_scaffold	15875	[T/A]	NA
Ca_Desi_Chr_scaffold04550_12689	Ca_desi_scaffold	12689	[T/C]	NA
Ca_Desi_Chr_scaffold04553_13800	Ca_desi_scaffold	13800	[T/G]	NA
Ca_Desi_Chr_scaffold04564_10854	Ca_desi_scaffold	10854	[T/G]	NA
Ca_Desi_Chr_scaffold04564_10866	Ca_desi_scaffold	10866	[T/G]	NA
Ca_Desi_Chr_scaffold04564_10869	Ca_desi_scaffold	10869	[T/C]	NA
Ca_Desi_Chr_scaffold04564_10878	Ca_desi_scaffold	10878	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold04564_10879	Ca_desig_scaffold	10879	[A/C]	NA
Ca_Desig_Chr_scaffold04564_10885	Ca_desig_scaffold	10885	[A/C]	NA
Ca_Desig_Chr_scaffold04564_10896	Ca_desig_scaffold	10896	[A/C]	NA
Ca_Desig_Chr_scaffold04564_10914	Ca_desig_scaffold	10914	[A/C]	NA
Ca_Desig_Chr_scaffold04564_13384	Ca_desig_scaffold	13384	[T/G]	NA
Ca_Desig_Chr_scaffold04564_13388	Ca_desig_scaffold	13388	[T/G]	NA
Ca_Desig_Chr_scaffold04564_13397	Ca_desig_scaffold	13397	[T/G]	NA
Ca_Desig_Chr_scaffold04565_8783	Ca_desig_scaffold	8783	[T/C]	NA
Ca_Desig_Chr_scaffold04565_8790	Ca_desig_scaffold	8790	[T/C]	NA
Ca_Desig_Chr_scaffold04565_8800	Ca_desig_scaffold	8800	[T/G]	NA
Ca_Desig_Chr_scaffold04565_8811	Ca_desig_scaffold	8811	[T/G]	NA
Ca_Desig_Chr_scaffold04570_6408	Ca_desig_scaffold	6408	[G/A]	NA
Ca_Desig_Chr_scaffold04570_7074	Ca_desig_scaffold	7074	[A/G]	NA
Ca_Desig_Chr_scaffold04570_7104	Ca_desig_scaffold	7104	[T/C]	NA
Ca_Desig_Chr_scaffold04574_170	Ca_desig_scaffold	170	[T/A]	NA
Ca_Desig_Chr_scaffold04574_193	Ca_desig_scaffold	193	[C/T]	NA
Ca_Desig_Chr_scaffold04574_199	Ca_desig_scaffold	199	[T/A]	NA
Ca_Desig_Chr_scaffold04579_1758	Ca_desig_scaffold	1758	[C/A]	NA
Ca_Desig_Chr_scaffold04579_4463	Ca_desig_scaffold	4463	[G/A]	NA
Ca_Desig_Chr_scaffold04579_15170	Ca_desig_scaffold	15170	[C/G]	NA
Ca_Desig_Chr_scaffold04579_15254	Ca_desig_scaffold	15254	[T/A]	NA
Ca_Desig_Chr_scaffold04579_17937	Ca_desig_scaffold	17937	[C/G]	NA
Ca_Desig_Chr_scaffold04579_17997	Ca_desig_scaffold	17997	[G/A]	NA
Ca_Desig_Chr_scaffold04579_17999	Ca_desig_scaffold	17999	[G/T]	NA
Ca_Desig_Chr_scaffold04581_7816	Ca_desig_scaffold	7816	[G/A]	NA
Ca_Desig_Chr_scaffold04591_11810	Ca_desig_scaffold	11810	[A/C]	NA
Ca_Desig_Chr_scaffold04591_11873	Ca_desig_scaffold	11873	[T/G]	NA
Ca_Desig_Chr_scaffold04591_11882	Ca_desig_scaffold	11882	[C/T]	NA
Ca_Desig_Chr_scaffold04593_15999	Ca_desig_scaffold	15999	[A/C]	NA
Ca_Desig_Chr_scaffold04606_3067	Ca_desig_scaffold	3067	[G/A]	NA
Ca_Desig_Chr_scaffold04606_3578	Ca_desig_scaffold	3578	[A/G]	NA
Ca_Desig_Chr_scaffold04606_7109	Ca_desig_scaffold	7109	[C/T]	NA
Ca_Desig_Chr_scaffold04629_9825	Ca_desig_scaffold	9825	[A/G]	NA
Ca_Desig_Chr_scaffold04652_4356	Ca_desig_scaffold	4356	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold04652_15252	Ca_desi_scaffold	15252	[A/T]	NA
Ca_Desi_Chromosome_scaffold04666_3087	Ca_desi_scaffold	3087	[T/C]	NA
Ca_Desi_Chromosome_scaffold04666_3091	Ca_desi_scaffold	3091	[T/G]	NA
Ca_Desi_Chromosome_scaffold04666_3118	Ca_desi_scaffold	3118	[T/G]	NA
Ca_Desi_Chromosome_scaffold04666_3120	Ca_desi_scaffold	3120	[T/G]	NA
Ca_Desi_Chromosome_scaffold04666_3125	Ca_desi_scaffold	3125	[T/C]	NA
Ca_Desi_Chromosome_scaffold04666_3130	Ca_desi_scaffold	3130	[T/A]	NA
Ca_Desi_Chromosome_scaffold04666_3148	Ca_desi_scaffold	3148	[A/G]	NA
Ca_Desi_Chromosome_scaffold04666_3149	Ca_desi_scaffold	3149	[A/G]	NA
Ca_Desi_Chromosome_scaffold04666_3454	Ca_desi_scaffold	3454	[T/C]	NA
Ca_Desi_Chromosome_scaffold04666_12710	Ca_desi_scaffold	12710	[A/T]	NA
Ca_Desi_Chromosome_scaffold04677_9950	Ca_desi_scaffold	9950	[T/G]	NA
Ca_Desi_Chromosome_scaffold04691_15273	Ca_desi_scaffold	15273	[A/T]	NA
Ca_Desi_Chromosome_scaffold04691_15299	Ca_desi_scaffold	15299	[A/G]	NA
Ca_Desi_Chromosome_scaffold04691_15304	Ca_desi_scaffold	15304	[C/G]	NA
Ca_Desi_Chromosome_scaffold04703_6039	Ca_desi_scaffold	6039	[A/C]	NA
Ca_Desi_Chromosome_scaffold04707_6177	Ca_desi_scaffold	6177	[A/G]	NA
Ca_Desi_Chromosome_scaffold04732_1913	Ca_desi_scaffold	1913	[G/A]	NA
Ca_Desi_Chromosome_scaffold04738_12054	Ca_desi_scaffold	12054	[A/C]	NA
Ca_Desi_Chromosome_scaffold04738_12055	Ca_desi_scaffold	12055	[G/A]	NA
Ca_Desi_Chromosome_scaffold04738_12056	Ca_desi_scaffold	12056	[A/T]	NA
Ca_Desi_Chromosome_scaffold04738_12263	Ca_desi_scaffold	12263	[T/C]	NA
Ca_Desi_Chromosome_scaffold04751_7697	Ca_desi_scaffold	7697	[T/C]	NA
Ca_Desi_Chromosome_scaffold04751_7699	Ca_desi_scaffold	7699	[A/G]	NA
Ca_Desi_Chromosome_scaffold04751_7711	Ca_desi_scaffold	7711	[T/C]	NA
Ca_Desi_Chromosome_scaffold04751_7714	Ca_desi_scaffold	7714	[A/G]	NA
Ca_Desi_Chromosome_scaffold04751_7723	Ca_desi_scaffold	7723	[T/C]	NA
Ca_Desi_Chromosome_scaffold04751_7725	Ca_desi_scaffold	7725	[A/G]	NA
Ca_Desi_Chromosome_scaffold04751_7736	Ca_desi_scaffold	7736	[A/G]	NA
Ca_Desi_Chromosome_scaffold04751_7744	Ca_desi_scaffold	7744	[T/A]	NA
Ca_Desi_Chromosome_scaffold04751_13634	Ca_desi_scaffold	13634	[T/G]	NA
Ca_Desi_Chromosome_scaffold04769_378	Ca_desi_scaffold	378	[C/T]	NA
Ca_Desi_Chromosome_scaffold04772_9527	Ca_desi_scaffold	9527	[A/G]	NA
Ca_Desi_Chromosome_scaffold04772_9557	Ca_desi_scaffold	9557	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold04772_10064	Ca_desi_scaffold	10064	[G/T]	NA
Ca_Desi_Chromosome_scaffold04772_10229	Ca_desi_scaffold	10229	[A/C]	NA
Ca_Desi_Chromosome_scaffold04787_3348	Ca_desi_scaffold	3348	[A/G]	NA
Ca_Desi_Chromosome_scaffold04787_3357	Ca_desi_scaffold	3357	[A/G]	NA
Ca_Desi_Chromosome_scaffold04787_3359	Ca_desi_scaffold	3359	[T/A]	NA
Ca_Desi_Chromosome_scaffold04787_3373	Ca_desi_scaffold	3373	[T/C]	NA
Ca_Desi_Chromosome_scaffold04787_3376	Ca_desi_scaffold	3376	[T/C]	NA
Ca_Desi_Chromosome_scaffold04787_3381	Ca_desi_scaffold	3381	[T/C]	NA
Ca_Desi_Chromosome_scaffold04787_3408	Ca_desi_scaffold	3408	[T/A]	NA
Ca_Desi_Chromosome_scaffold04794_10756	Ca_desi_scaffold	10756	[T/G]	NA
Ca_Desi_Chromosome_scaffold04796_5513	Ca_desi_scaffold	5513	[T/A]	NA
Ca_Desi_Chromosome_scaffold04814_9058	Ca_desi_scaffold	9058	[T/C]	NA
Ca_Desi_Chromosome_scaffold04814_9088	Ca_desi_scaffold	9088	[G/T]	NA
Ca_Desi_Chromosome_scaffold04814_9200	Ca_desi_scaffold	9200	[G/A]	NA
Ca_Desi_Chromosome_scaffold04820_1349	Ca_desi_scaffold	1349	[A/C]	NA
Ca_Desi_Chromosome_scaffold04832_10269	Ca_desi_scaffold	10269	[T/C]	NA
Ca_Desi_Chromosome_scaffold04832_10270	Ca_desi_scaffold	10270	[G/T]	NA
Ca_Desi_Chromosome_scaffold04832_10279	Ca_desi_scaffold	10279	[C/G]	NA
Ca_Desi_Chromosome_scaffold04832_10302	Ca_desi_scaffold	10302	[G/A]	NA
Ca_Desi_Chromosome_scaffold04832_10585	Ca_desi_scaffold	10585	[C/T]	NA
Ca_Desi_Chromosome_scaffold04832_10597	Ca_desi_scaffold	10597	[C/A]	NA
Ca_Desi_Chromosome_scaffold04832_10601	Ca_desi_scaffold	10601	[C/T]	NA
Ca_Desi_Chromosome_scaffold04833_3636	Ca_desi_scaffold	3636	[G/A]	NA
Ca_Desi_Chromosome_scaffold04842_13831	Ca_desi_scaffold	13831	[G/A]	NA
Ca_Desi_Chromosome_scaffold04865_3180	Ca_desi_scaffold	3180	[C/A]	NA
Ca_Desi_Chromosome_scaffold04867_5240	Ca_desi_scaffold	5240	[T/C]	NA
Ca_Desi_Chromosome_scaffold04888_10517	Ca_desi_scaffold	10517	[T/G]	NA
Ca_Desi_Chromosome_scaffold04897_2916	Ca_desi_scaffold	2916	[A/C]	NA
Ca_Desi_Chromosome_scaffold04897_2919	Ca_desi_scaffold	2919	[T/C]	NA
Ca_Desi_Chromosome_scaffold04897_2921	Ca_desi_scaffold	2921	[A/C]	NA
Ca_Desi_Chromosome_scaffold04916_197	Ca_desi_scaffold	197	[C/T]	NA
Ca_Desi_Chromosome_scaffold04917_14132	Ca_desi_scaffold	14132	[G/T]	NA
Ca_Desi_Chromosome_scaffold04917_14143	Ca_desi_scaffold	14143	[A/T]	NA
Ca_Desi_Chromosome_scaffold04917_14151	Ca_desi_scaffold	14151	[T/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold04919_1865	Ca_desig_scaffold	1865	[A/G]	NA
Ca_Desig_Chr_scaffold04919_1913	Ca_desig_scaffold	1913	[T/C]	NA
Ca_Desig_Chr_scaffold04929_5144	Ca_desig_scaffold	5144	[C/A]	NA
Ca_Desig_Chr_scaffold04929_5155	Ca_desig_scaffold	5155	[G/T]	NA
Ca_Desig_Chr_scaffold04929_5163	Ca_desig_scaffold	5163	[G/T]	NA
Ca_Desig_Chr_scaffold04929_5170	Ca_desig_scaffold	5170	[T/G]	NA
Ca_Desig_Chr_scaffold04929_5200	Ca_desig_scaffold	5200	[T/C]	NA
Ca_Desig_Chr_scaffold04929_5201	Ca_desig_scaffold	5201	[G/T]	NA
Ca_Desig_Chr_scaffold04929_5204	Ca_desig_scaffold	5204	[G/T]	NA
Ca_Desig_Chr_scaffold04929_5244	Ca_desig_scaffold	5244	[G/T]	NA
Ca_Desig_Chr_scaffold04929_10896	Ca_desig_scaffold	10896	[T/C]	NA
Ca_Desig_Chr_scaffold04929_10906	Ca_desig_scaffold	10906	[G/A]	NA
Ca_Desig_Chr_scaffold04949_6516	Ca_desig_scaffold	6516	[T/C]	NA
Ca_Desig_Chr_scaffold04949_6529	Ca_desig_scaffold	6529	[A/G]	NA
Ca_Desig_Chr_scaffold04949_6540	Ca_desig_scaffold	6540	[T/G]	NA
Ca_Desig_Chr_scaffold04949_6576	Ca_desig_scaffold	6576	[A/G]	NA
Ca_Desig_Chr_scaffold04949_6598	Ca_desig_scaffold	6598	[A/C]	NA
Ca_Desig_Chr_scaffold04949_6890	Ca_desig_scaffold	6890	[A/C]	NA
Ca_Desig_Chr_scaffold04961_3248	Ca_desig_scaffold	3248	[A/C]	NA
Ca_Desig_Chr_scaffold04961_3306	Ca_desig_scaffold	3306	[T/C]	NA
Ca_Desig_Chr_scaffold04962_9128	Ca_desig_scaffold	9128	[T/A]	NA
Ca_Desig_Chr_scaffold04962_9287	Ca_desig_scaffold	9287	[T/C]	NA
Ca_Desig_Chr_scaffold04962_9307	Ca_desig_scaffold	9307	[G/A]	NA
Ca_Desig_Chr_scaffold04963_1747	Ca_desig_scaffold	1747	[T/G]	NA
Ca_Desig_Chr_scaffold04982_2628	Ca_desig_scaffold	2628	[A/G]	NA
Ca_Desig_Chr_scaffold04984_11081	Ca_desig_scaffold	11081	[G/A]	NA
Ca_Desig_Chr_scaffold04984_11119	Ca_desig_scaffold	11119	[T/C]	NA
Ca_Desig_Chr_scaffold04984_11135	Ca_desig_scaffold	11135	[C/T]	NA
Ca_Desig_Chr_scaffold04987_8545	Ca_desig_scaffold	8545	[A/G]	NA
Ca_Desig_Chr_scaffold04991_6832	Ca_desig_scaffold	6832	[T/A]	NA
Ca_Desig_Chr_scaffold04991_6865	Ca_desig_scaffold	6865	[A/G]	NA
Ca_Desig_Chr_scaffold05002_5852	Ca_desig_scaffold	5852	[A/T]	NA
Ca_Desig_Chr_scaffold05002_5865	Ca_desig_scaffold	5865	[C/T]	NA
Ca_Desig_Chr_scaffold05002_12954	Ca_desig_scaffold	12954	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold05011_4793	Ca_desig_scaffold	4793	[A/C]	NA
Ca_DesigChr_scaffold05011_4836	Ca_desig_scaffold	4836	[G/A]	NA
Ca_DesigChr_scaffold05011_4837	Ca_desig_scaffold	4837	[G/T]	NA
Ca_DesigChr_scaffold05014_1886	Ca_desig_scaffold	1886	[T/A]	NA
Ca_DesigChr_scaffold05014_1887	Ca_desig_scaffold	1887	[C/T]	NA
Ca_DesigChr_scaffold05014_1888	Ca_desig_scaffold	1888	[A/C]	NA
Ca_DesigChr_scaffold05014_1889	Ca_desig_scaffold	1889	[G/T]	NA
Ca_DesigChr_scaffold05014_3459	Ca_desig_scaffold	3459	[T/G]	NA
Ca_DesigChr_scaffold05014_3464	Ca_desig_scaffold	3464	[G/A]	NA
Ca_DesigChr_scaffold05014_9528	Ca_desig_scaffold	9528	[G/A]	NA
Ca_DesigChr_scaffold05034_12732	Ca_desig_scaffold	12732	[T/G]	NA
Ca_DesigChr_scaffold05044_11899	Ca_desig_scaffold	11899	[T/G]	NA
Ca_DesigChr_scaffold05044_11910	Ca_desig_scaffold	11910	[A/G]	NA
Ca_DesigChr_scaffold05046_3593	Ca_desig_scaffold	3593	[T/G]	NA
Ca_DesigChr_scaffold05051_11362	Ca_desig_scaffold	11362	[T/C]	NA
Ca_DesigChr_scaffold05051_11369	Ca_desig_scaffold	11369	[C/T]	NA
Ca_DesigChr_scaffold05051_11384	Ca_desig_scaffold	11384	[C/T]	NA
Ca_DesigChr_scaffold05051_13164	Ca_desig_scaffold	13164	[T/G]	NA
Ca_DesigChr_scaffold05056_7266	Ca_desig_scaffold	7266	[A/C]	NA
Ca_DesigChr_scaffold05062_3657	Ca_desig_scaffold	3657	[G/A]	NA
Ca_DesigChr_scaffold05062_3660	Ca_desig_scaffold	3660	[C/T]	NA
Ca_DesigChr_scaffold05062_3684	Ca_desig_scaffold	3684	[C/A]	NA
Ca_DesigChr_scaffold05064_849	Ca_desig_scaffold	849	[T/G]	NA
Ca_DesigChr_scaffold05064_861	Ca_desig_scaffold	861	[T/A]	NA
Ca_DesigChr_scaffold05064_877	Ca_desig_scaffold	877	[T/G]	NA
Ca_DesigChr_scaffold05064_882	Ca_desig_scaffold	882	[A/T]	NA
Ca_DesigChr_scaffold05064_886	Ca_desig_scaffold	886	[A/C]	NA
Ca_DesigChr_scaffold05064_2489	Ca_desig_scaffold	2489	[A/T]	NA
Ca_DesigChr_scaffold05072_926	Ca_desig_scaffold	926	[A/G]	NA
Ca_DesigChr_scaffold05072_934	Ca_desig_scaffold	934	[T/C]	NA
Ca_DesigChr_scaffold05072_936	Ca_desig_scaffold	936	[T/C]	NA
Ca_DesigChr_scaffold05072_956	Ca_desig_scaffold	956	[T/C]	NA
Ca_DesigChr_scaffold05072_962	Ca_desig_scaffold	962	[T/C]	NA
Ca_DesigChr_scaffold05072_1086	Ca_desig_scaffold	1086	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold05072_1112	Ca_desig_scaffold	1112	[A/G]	NA
Ca_Desig_Chr_scaffold05072_1116	Ca_desig_scaffold	1116	[A/G]	NA
Ca_Desig_Chr_scaffold05072_1117	Ca_desig_scaffold	1117	[A/G]	NA
Ca_Desig_Chr_scaffold05072_3036	Ca_desig_scaffold	3036	[A/C]	NA
Ca_Desig_Chr_scaffold05072_3086	Ca_desig_scaffold	3086	[T/A]	NA
Ca_Desig_Chr_scaffold05072_3144	Ca_desig_scaffold	3144	[T/G]	NA
Ca_Desig_Chr_scaffold05072_3946	Ca_desig_scaffold	3946	[T/G]	NA
Ca_Desig_Chr_scaffold05072_3951	Ca_desig_scaffold	3951	[T/G]	NA
Ca_Desig_Chr_scaffold05072_4758	Ca_desig_scaffold	4758	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4759	Ca_desig_scaffold	4759	[C/T]	NA
Ca_Desig_Chr_scaffold05072_4761	Ca_desig_scaffold	4761	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4762	Ca_desig_scaffold	4762	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4763	Ca_desig_scaffold	4763	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4765	Ca_desig_scaffold	4765	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4766	Ca_desig_scaffold	4766	[C/T]	NA
Ca_Desig_Chr_scaffold05072_4767	Ca_desig_scaffold	4767	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4768	Ca_desig_scaffold	4768	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4769	Ca_desig_scaffold	4769	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4770	Ca_desig_scaffold	4770	[T/G]	NA
Ca_Desig_Chr_scaffold05072_4772	Ca_desig_scaffold	4772	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4773	Ca_desig_scaffold	4773	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4774	Ca_desig_scaffold	4774	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4775	Ca_desig_scaffold	4775	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4776	Ca_desig_scaffold	4776	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4777	Ca_desig_scaffold	4777	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4778	Ca_desig_scaffold	4778	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4779	Ca_desig_scaffold	4779	[C/T]	NA
Ca_Desig_Chr_scaffold05072_4780	Ca_desig_scaffold	4780	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4781	Ca_desig_scaffold	4781	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4782	Ca_desig_scaffold	4782	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4783	Ca_desig_scaffold	4783	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4784	Ca_desig_scaffold	4784	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4786	Ca_desig_scaffold	4786	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4787	Ca_desig_scaffold	4787	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold05072_4788	Ca_desig_scaffold	4788	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4790	Ca_desig_scaffold	4790	[T/G]	NA
Ca_Desig_Chr_scaffold05072_4791	Ca_desig_scaffold	4791	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4792	Ca_desig_scaffold	4792	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4793	Ca_desig_scaffold	4793	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4794	Ca_desig_scaffold	4794	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4795	Ca_desig_scaffold	4795	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4796	Ca_desig_scaffold	4796	[C/T]	NA
Ca_Desig_Chr_scaffold05072_4797	Ca_desig_scaffold	4797	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4798	Ca_desig_scaffold	4798	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4800	Ca_desig_scaffold	4800	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4801	Ca_desig_scaffold	4801	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4802	Ca_desig_scaffold	4802	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4803	Ca_desig_scaffold	4803	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4804	Ca_desig_scaffold	4804	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4805	Ca_desig_scaffold	4805	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4806	Ca_desig_scaffold	4806	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4810	Ca_desig_scaffold	4810	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4811	Ca_desig_scaffold	4811	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4812	Ca_desig_scaffold	4812	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4813	Ca_desig_scaffold	4813	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4815	Ca_desig_scaffold	4815	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4816	Ca_desig_scaffold	4816	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4817	Ca_desig_scaffold	4817	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4818	Ca_desig_scaffold	4818	[C/T]	NA
Ca_Desig_Chr_scaffold05072_4820	Ca_desig_scaffold	4820	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4821	Ca_desig_scaffold	4821	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4822	Ca_desig_scaffold	4822	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4823	Ca_desig_scaffold	4823	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4824	Ca_desig_scaffold	4824	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4825	Ca_desig_scaffold	4825	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4827	Ca_desig_scaffold	4827	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4828	Ca_desig_scaffold	4828	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4829	Ca_desig_scaffold	4829	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold05072_4830	Ca_desig_scaffold	4830	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4831	Ca_desig_scaffold	4831	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4832	Ca_desig_scaffold	4832	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4834	Ca_desig_scaffold	4834	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4836	Ca_desig_scaffold	4836	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4837	Ca_desig_scaffold	4837	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4838	Ca_desig_scaffold	4838	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4839	Ca_desig_scaffold	4839	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4840	Ca_desig_scaffold	4840	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4841	Ca_desig_scaffold	4841	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4842	Ca_desig_scaffold	4842	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4843	Ca_desig_scaffold	4843	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4844	Ca_desig_scaffold	4844	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4845	Ca_desig_scaffold	4845	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4846	Ca_desig_scaffold	4846	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4847	Ca_desig_scaffold	4847	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4849	Ca_desig_scaffold	4849	[A/G]	NA
Ca_Desig_Chr_scaffold05072_4850	Ca_desig_scaffold	4850	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4851	Ca_desig_scaffold	4851	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4852	Ca_desig_scaffold	4852	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4854	Ca_desig_scaffold	4854	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4855	Ca_desig_scaffold	4855	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4969	Ca_desig_scaffold	4969	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4971	Ca_desig_scaffold	4971	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4973	Ca_desig_scaffold	4973	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4974	Ca_desig_scaffold	4974	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4978	Ca_desig_scaffold	4978	[T/G]	NA
Ca_Desig_Chr_scaffold05072_4982	Ca_desig_scaffold	4982	[C/T]	NA
Ca_Desig_Chr_scaffold05072_4983	Ca_desig_scaffold	4983	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4986	Ca_desig_scaffold	4986	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4987	Ca_desig_scaffold	4987	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4988	Ca_desig_scaffold	4988	[T/C]	NA
Ca_Desig_Chr_scaffold05072_4989	Ca_desig_scaffold	4989	[G/A]	NA
Ca_Desig_Chr_scaffold05072_4990	Ca_desig_scaffold	4990	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold05072_4996	Ca_desi_scaffold	4996	[T/C]	NA
Ca_Desi_Chromosome_scaffold05072_4997	Ca_desi_scaffold	4997	[C/T]	NA
Ca_Desi_Chromosome_scaffold05072_4999	Ca_desi_scaffold	4999	[T/C]	NA
Ca_Desi_Chromosome_scaffold05072_5001	Ca_desi_scaffold	5001	[G/A]	NA
Ca_Desi_Chromosome_scaffold05072_5006	Ca_desi_scaffold	5006	[A/G]	NA
Ca_Desi_Chromosome_scaffold05072_5008	Ca_desi_scaffold	5008	[T/C]	NA
Ca_Desi_Chromosome_scaffold05072_5010	Ca_desi_scaffold	5010	[C/T]	NA
Ca_Desi_Chromosome_scaffold05072_5014	Ca_desi_scaffold	5014	[A/G]	NA
Ca_Desi_Chromosome_scaffold05072_5016	Ca_desi_scaffold	5016	[A/G]	NA
Ca_Desi_Chromosome_scaffold05072_5018	Ca_desi_scaffold	5018	[A/G]	NA
Ca_Desi_Chromosome_scaffold05072_5020	Ca_desi_scaffold	5020	[A/G]	NA
Ca_Desi_Chromosome_scaffold05072_5021	Ca_desi_scaffold	5021	[T/C]	NA
Ca_Desi_Chromosome_scaffold05072_5023	Ca_desi_scaffold	5023	[C/A]	NA
Ca_Desi_Chromosome_scaffold05072_5029	Ca_desi_scaffold	5029	[G/A]	NA
Ca_Desi_Chromosome_scaffold05072_5030	Ca_desi_scaffold	5030	[C/T]	NA
Ca_Desi_Chromosome_scaffold05072_5031	Ca_desi_scaffold	5031	[T/C]	NA
Ca_Desi_Chromosome_scaffold05072_5032	Ca_desi_scaffold	5032	[A/C]	NA
Ca_Desi_Chromosome_scaffold05072_5033	Ca_desi_scaffold	5033	[C/T]	NA
Ca_Desi_Chromosome_scaffold05072_5034	Ca_desi_scaffold	5034	[C/T]	NA
Ca_Desi_Chromosome_scaffold05072_5035	Ca_desi_scaffold	5035	[C/T]	NA
Ca_Desi_Chromosome_scaffold05072_5036	Ca_desi_scaffold	5036	[A/G]	NA
Ca_Desi_Chromosome_scaffold05072_5038	Ca_desi_scaffold	5038	[C/T]	NA
Ca_Desi_Chromosome_scaffold05072_5039	Ca_desi_scaffold	5039	[G/A]	NA
Ca_Desi_Chromosome_scaffold05072_5040	Ca_desi_scaffold	5040	[C/T]	NA
Ca_Desi_Chromosome_scaffold05072_5042	Ca_desi_scaffold	5042	[T/C]	NA
Ca_Desi_Chromosome_scaffold05072_5043	Ca_desi_scaffold	5043	[A/G]	NA
Ca_Desi_Chromosome_scaffold05072_5044	Ca_desi_scaffold	5044	[A/G]	NA
Ca_Desi_Chromosome_scaffold05072_5045	Ca_desi_scaffold	5045	[C/A]	NA
Ca_Desi_Chromosome_scaffold05072_5046	Ca_desi_scaffold	5046	[C/T]	NA
Ca_Desi_Chromosome_scaffold05072_5047	Ca_desi_scaffold	5047	[T/C]	NA
Ca_Desi_Chromosome_scaffold05072_5048	Ca_desi_scaffold	5048	[T/C]	NA
Ca_Desi_Chromosome_scaffold05072_5050	Ca_desi_scaffold	5050	[T/C]	NA
Ca_Desi_Chromosome_scaffold05072_5051	Ca_desi_scaffold	5051	[C/T]	NA
Ca_Desi_Chromosome_scaffold05072_5054	Ca_desi_scaffold	5054	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold05072_5055	Ca_desi_scaffold	5055	[C/T]	NA
Ca_Desi_Ch_scaffold05072_5056	Ca_desi_scaffold	5056	[C/T]	NA
Ca_Desi_Ch_scaffold05072_5057	Ca_desi_scaffold	5057	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5058	Ca_desi_scaffold	5058	[A/T]	NA
Ca_Desi_Ch_scaffold05072_5059	Ca_desi_scaffold	5059	[C/T]	NA
Ca_Desi_Ch_scaffold05072_5060	Ca_desi_scaffold	5060	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5061	Ca_desi_scaffold	5061	[C/T]	NA
Ca_Desi_Ch_scaffold05072_5062	Ca_desi_scaffold	5062	[C/T]	NA
Ca_Desi_Ch_scaffold05072_5063	Ca_desi_scaffold	5063	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5064	Ca_desi_scaffold	5064	[C/T]	NA
Ca_Desi_Ch_scaffold05072_5065	Ca_desi_scaffold	5065	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5066	Ca_desi_scaffold	5066	[C/T]	NA
Ca_Desi_Ch_scaffold05072_5067	Ca_desi_scaffold	5067	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5068	Ca_desi_scaffold	5068	[G/T]	NA
Ca_Desi_Ch_scaffold05072_5069	Ca_desi_scaffold	5069	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5071	Ca_desi_scaffold	5071	[C/T]	NA
Ca_Desi_Ch_scaffold05072_5072	Ca_desi_scaffold	5072	[G/A]	NA
Ca_Desi_Ch_scaffold05072_5073	Ca_desi_scaffold	5073	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5074	Ca_desi_scaffold	5074	[C/T]	NA
Ca_Desi_Ch_scaffold05072_5075	Ca_desi_scaffold	5075	[A/C]	NA
Ca_Desi_Ch_scaffold05072_5076	Ca_desi_scaffold	5076	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5077	Ca_desi_scaffold	5077	[C/T]	NA
Ca_Desi_Ch_scaffold05072_5078	Ca_desi_scaffold	5078	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5079	Ca_desi_scaffold	5079	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5081	Ca_desi_scaffold	5081	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5082	Ca_desi_scaffold	5082	[T/C]	NA
Ca_Desi_Ch_scaffold05072_5084	Ca_desi_scaffold	5084	[A/G]	NA
Ca_Desi_Ch_scaffold05072_5085	Ca_desi_scaffold	5085	[G/T]	NA
Ca_Desi_Ch_scaffold05072_5086	Ca_desi_scaffold	5086	[G/A]	NA
Ca_Desi_Ch_scaffold05072_5087	Ca_desi_scaffold	5087	[G/T]	NA
Ca_Desi_Ch_scaffold05072_5150	Ca_desi_scaffold	5150	[A/G]	NA
Ca_Desi_Ch_scaffold05072_5152	Ca_desi_scaffold	5152	[A/G]	NA
Ca_Desi_Ch_scaffold05072_5153	Ca_desi_scaffold	5153	[G/A]	NA
Ca_Desi_Ch_scaffold05072_5154	Ca_desi_scaffold	5154	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold05072_5155	Ca_desig_scaffold	5155	[G/A]	NA
Ca_DesigChr_scaffold05072_5156	Ca_desig_scaffold	5156	[C/T]	NA
Ca_DesigChr_scaffold05072_5157	Ca_desig_scaffold	5157	[G/A]	NA
Ca_DesigChr_scaffold05072_5158	Ca_desig_scaffold	5158	[A/G]	NA
Ca_DesigChr_scaffold05072_5159	Ca_desig_scaffold	5159	[A/G]	NA
Ca_DesigChr_scaffold05072_5160	Ca_desig_scaffold	5160	[C/T]	NA
Ca_DesigChr_scaffold05072_5161	Ca_desig_scaffold	5161	[C/T]	NA
Ca_DesigChr_scaffold05072_5162	Ca_desig_scaffold	5162	[G/A]	NA
Ca_DesigChr_scaffold05072_5164	Ca_desig_scaffold	5164	[A/G]	NA
Ca_DesigChr_scaffold05072_5165	Ca_desig_scaffold	5165	[C/A]	NA
Ca_DesigChr_scaffold05072_5166	Ca_desig_scaffold	5166	[A/G]	NA
Ca_DesigChr_scaffold05072_5167	Ca_desig_scaffold	5167	[A/G]	NA
Ca_DesigChr_scaffold05072_5168	Ca_desig_scaffold	5168	[C/T]	NA
Ca_DesigChr_scaffold05072_5169	Ca_desig_scaffold	5169	[A/G]	NA
Ca_DesigChr_scaffold05072_5170	Ca_desig_scaffold	5170	[A/G]	NA
Ca_DesigChr_scaffold05072_5173	Ca_desig_scaffold	5173	[T/C]	NA
Ca_DesigChr_scaffold05072_5174	Ca_desig_scaffold	5174	[A/G]	NA
Ca_DesigChr_scaffold05072_5175	Ca_desig_scaffold	5175	[A/G]	NA
Ca_DesigChr_scaffold05072_5176	Ca_desig_scaffold	5176	[G/A]	NA
Ca_DesigChr_scaffold05072_5177	Ca_desig_scaffold	5177	[A/G]	NA
Ca_DesigChr_scaffold05072_5178	Ca_desig_scaffold	5178	[A/C]	NA
Ca_DesigChr_scaffold05072_5180	Ca_desig_scaffold	5180	[T/C]	NA
Ca_DesigChr_scaffold05072_5181	Ca_desig_scaffold	5181	[G/A]	NA
Ca_DesigChr_scaffold05072_5182	Ca_desig_scaffold	5182	[C/T]	NA
Ca_DesigChr_scaffold05072_5183	Ca_desig_scaffold	5183	[A/G]	NA
Ca_DesigChr_scaffold05072_5185	Ca_desig_scaffold	5185	[G/C]	NA
Ca_DesigChr_scaffold05072_5186	Ca_desig_scaffold	5186	[C/T]	NA
Ca_DesigChr_scaffold05072_5187	Ca_desig_scaffold	5187	[T/C]	NA
Ca_DesigChr_scaffold05072_5188	Ca_desig_scaffold	5188	[T/C]	NA
Ca_DesigChr_scaffold05072_5189	Ca_desig_scaffold	5189	[T/C]	NA
Ca_DesigChr_scaffold05072_5191	Ca_desig_scaffold	5191	[C/T]	NA
Ca_DesigChr_scaffold05072_5192	Ca_desig_scaffold	5192	[C/T]	NA
Ca_DesigChr_scaffold05072_5193	Ca_desig_scaffold	5193	[C/T]	NA
Ca_DesigChr_scaffold05072_5195	Ca_desig_scaffold	5195	[G/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold05072_5196	Ca_desig_scaffold	5196	[A/G]	NA
Ca_Desig_Chr_scaffold05072_5197	Ca_desig_scaffold	5197	[T/C]	NA
Ca_Desig_Chr_scaffold05072_5198	Ca_desig_scaffold	5198	[G/A]	NA
Ca_Desig_Chr_scaffold05072_5199	Ca_desig_scaffold	5199	[G/A]	NA
Ca_Desig_Chr_scaffold05072_5200	Ca_desig_scaffold	5200	[T/C]	NA
Ca_Desig_Chr_scaffold05072_5201	Ca_desig_scaffold	5201	[T/C]	NA
Ca_Desig_Chr_scaffold05072_5202	Ca_desig_scaffold	5202	[G/A]	NA
Ca_Desig_Chr_scaffold05072_5204	Ca_desig_scaffold	5204	[A/G]	NA
Ca_Desig_Chr_scaffold05072_5205	Ca_desig_scaffold	5205	[G/T]	NA
Ca_Desig_Chr_scaffold05072_5206	Ca_desig_scaffold	5206	[C/T]	NA
Ca_Desig_Chr_scaffold05072_5207	Ca_desig_scaffold	5207	[C/T]	NA
Ca_Desig_Chr_scaffold05072_5208	Ca_desig_scaffold	5208	[G/A]	NA
Ca_Desig_Chr_scaffold05072_5209	Ca_desig_scaffold	5209	[G/A]	NA
Ca_Desig_Chr_scaffold05072_5260	Ca_desig_scaffold	5260	[T/G]	NA
Ca_Desig_Chr_scaffold05072_5865	Ca_desig_scaffold	5865	[T/G]	NA
Ca_Desig_Chr_scaffold05072_5872	Ca_desig_scaffold	5872	[T/C]	NA
Ca_Desig_Chr_scaffold05072_5887	Ca_desig_scaffold	5887	[C/A]	NA
Ca_Desig_Chr_scaffold05072_5888	Ca_desig_scaffold	5888	[C/G]	NA
Ca_Desig_Chr_scaffold05072_5889	Ca_desig_scaffold	5889	[T/A]	NA
Ca_Desig_Chr_scaffold05072_5890	Ca_desig_scaffold	5890	[A/T]	NA
Ca_Desig_Chr_scaffold05072_6248	Ca_desig_scaffold	6248	[A/C]	NA
Ca_Desig_Chr_scaffold05072_6252	Ca_desig_scaffold	6252	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6258	Ca_desig_scaffold	6258	[A/C]	NA
Ca_Desig_Chr_scaffold05072_6295	Ca_desig_scaffold	6295	[T/A]	NA
Ca_Desig_Chr_scaffold05072_6298	Ca_desig_scaffold	6298	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6299	Ca_desig_scaffold	6299	[C/T]	NA
Ca_Desig_Chr_scaffold05072_6300	Ca_desig_scaffold	6300	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6302	Ca_desig_scaffold	6302	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6303	Ca_desig_scaffold	6303	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6304	Ca_desig_scaffold	6304	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6305	Ca_desig_scaffold	6305	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6306	Ca_desig_scaffold	6306	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6307	Ca_desig_scaffold	6307	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6308	Ca_desig_scaffold	6308	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold05072_6309	Ca_desig_scaffold	6309	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6310	Ca_desig_scaffold	6310	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6311	Ca_desig_scaffold	6311	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6312	Ca_desig_scaffold	6312	[C/T]	NA
Ca_Desig_Chr_scaffold05072_6313	Ca_desig_scaffold	6313	[C/T]	NA
Ca_Desig_Chr_scaffold05072_6314	Ca_desig_scaffold	6314	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6315	Ca_desig_scaffold	6315	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6316	Ca_desig_scaffold	6316	[C/T]	NA
Ca_Desig_Chr_scaffold05072_6317	Ca_desig_scaffold	6317	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6318	Ca_desig_scaffold	6318	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6319	Ca_desig_scaffold	6319	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6320	Ca_desig_scaffold	6320	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6321	Ca_desig_scaffold	6321	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6322	Ca_desig_scaffold	6322	[C/T]	NA
Ca_Desig_Chr_scaffold05072_6323	Ca_desig_scaffold	6323	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6324	Ca_desig_scaffold	6324	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6326	Ca_desig_scaffold	6326	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6327	Ca_desig_scaffold	6327	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6329	Ca_desig_scaffold	6329	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6330	Ca_desig_scaffold	6330	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6331	Ca_desig_scaffold	6331	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6332	Ca_desig_scaffold	6332	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6333	Ca_desig_scaffold	6333	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6334	Ca_desig_scaffold	6334	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6335	Ca_desig_scaffold	6335	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6337	Ca_desig_scaffold	6337	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6338	Ca_desig_scaffold	6338	[C/T]	NA
Ca_Desig_Chr_scaffold05072_6339	Ca_desig_scaffold	6339	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6340	Ca_desig_scaffold	6340	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6341	Ca_desig_scaffold	6341	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6342	Ca_desig_scaffold	6342	[G/T]	NA
Ca_Desig_Chr_scaffold05072_6343	Ca_desig_scaffold	6343	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6344	Ca_desig_scaffold	6344	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6345	Ca_desig_scaffold	6345	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold05072_6346	Ca_desig_scaffold	6346	[G/T]	NA
Ca_Desig_Chr_scaffold05072_6347	Ca_desig_scaffold	6347	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6349	Ca_desig_scaffold	6349	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6350	Ca_desig_scaffold	6350	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6351	Ca_desig_scaffold	6351	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6352	Ca_desig_scaffold	6352	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6353	Ca_desig_scaffold	6353	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6354	Ca_desig_scaffold	6354	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6355	Ca_desig_scaffold	6355	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6356	Ca_desig_scaffold	6356	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6357	Ca_desig_scaffold	6357	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6392	Ca_desig_scaffold	6392	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6396	Ca_desig_scaffold	6396	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6397	Ca_desig_scaffold	6397	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6398	Ca_desig_scaffold	6398	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6400	Ca_desig_scaffold	6400	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6401	Ca_desig_scaffold	6401	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6402	Ca_desig_scaffold	6402	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6403	Ca_desig_scaffold	6403	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6404	Ca_desig_scaffold	6404	[C/T]	NA
Ca_Desig_Chr_scaffold05072_6405	Ca_desig_scaffold	6405	[T/A]	NA
Ca_Desig_Chr_scaffold05072_6406	Ca_desig_scaffold	6406	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6407	Ca_desig_scaffold	6407	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6408	Ca_desig_scaffold	6408	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6409	Ca_desig_scaffold	6409	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6410	Ca_desig_scaffold	6410	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6411	Ca_desig_scaffold	6411	[C/T]	NA
Ca_Desig_Chr_scaffold05072_6412	Ca_desig_scaffold	6412	[C/T]	NA
Ca_Desig_Chr_scaffold05072_6413	Ca_desig_scaffold	6413	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6414	Ca_desig_scaffold	6414	[G/A]	NA
Ca_Desig_Chr_scaffold05072_6415	Ca_desig_scaffold	6415	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6416	Ca_desig_scaffold	6416	[A/G]	NA
Ca_Desig_Chr_scaffold05072_6417	Ca_desig_scaffold	6417	[T/C]	NA
Ca_Desig_Chr_scaffold05072_6419	Ca_desig_scaffold	6419	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold05072_6420	Ca_desig_scaffold	6420	[T/C]	NA
Ca_DesigChr_scaffold05072_6421	Ca_desig_scaffold	6421	[G/A]	NA
Ca_DesigChr_scaffold05072_6424	Ca_desig_scaffold	6424	[C/T]	NA
Ca_DesigChr_scaffold05072_6425	Ca_desig_scaffold	6425	[A/G]	NA
Ca_DesigChr_scaffold05072_6426	Ca_desig_scaffold	6426	[G/A]	NA
Ca_DesigChr_scaffold05072_6428	Ca_desig_scaffold	6428	[G/A]	NA
Ca_DesigChr_scaffold05072_6429	Ca_desig_scaffold	6429	[A/G]	NA
Ca_DesigChr_scaffold05072_6430	Ca_desig_scaffold	6430	[G/A]	NA
Ca_DesigChr_scaffold05072_6431	Ca_desig_scaffold	6431	[C/T]	NA
Ca_DesigChr_scaffold05072_6432	Ca_desig_scaffold	6432	[C/T]	NA
Ca_DesigChr_scaffold05072_6433	Ca_desig_scaffold	6433	[A/G]	NA
Ca_DesigChr_scaffold05072_6434	Ca_desig_scaffold	6434	[T/C]	NA
Ca_DesigChr_scaffold05072_6435	Ca_desig_scaffold	6435	[G/A]	NA
Ca_DesigChr_scaffold05072_6436	Ca_desig_scaffold	6436	[G/A]	NA
Ca_DesigChr_scaffold05072_6438	Ca_desig_scaffold	6438	[A/G]	NA
Ca_DesigChr_scaffold05072_6439	Ca_desig_scaffold	6439	[T/C]	NA
Ca_DesigChr_scaffold05072_6441	Ca_desig_scaffold	6441	[C/T]	NA
Ca_DesigChr_scaffold05072_6442	Ca_desig_scaffold	6442	[T/C]	NA
Ca_DesigChr_scaffold05072_6444	Ca_desig_scaffold	6444	[T/C]	NA
Ca_DesigChr_scaffold05072_6445	Ca_desig_scaffold	6445	[A/G]	NA
Ca_DesigChr_scaffold05072_6447	Ca_desig_scaffold	6447	[A/G]	NA
Ca_DesigChr_scaffold05072_6448	Ca_desig_scaffold	6448	[A/G]	NA
Ca_DesigChr_scaffold05072_6449	Ca_desig_scaffold	6449	[T/C]	NA
Ca_DesigChr_scaffold05072_6450	Ca_desig_scaffold	6450	[A/G]	NA
Ca_DesigChr_scaffold05072_6451	Ca_desig_scaffold	6451	[G/A]	NA
Ca_DesigChr_scaffold05072_6485	Ca_desig_scaffold	6485	[T/C]	NA
Ca_DesigChr_scaffold05072_6516	Ca_desig_scaffold	6516	[A/G]	NA
Ca_DesigChr_scaffold05072_6653	Ca_desig_scaffold	6653	[T/C]	NA
Ca_DesigChr_scaffold05072_6667	Ca_desig_scaffold	6667	[A/G]	NA
Ca_DesigChr_scaffold05072_6688	Ca_desig_scaffold	6688	[T/C]	NA
Ca_DesigChr_scaffold05072_7881	Ca_desig_scaffold	7881	[C/A]	NA
Ca_DesigChr_scaffold05072_7882	Ca_desig_scaffold	7882	[T/G]	NA
Ca_DesigChr_scaffold05072_7883	Ca_desig_scaffold	7883	[T/A]	NA
Ca_DesigChr_scaffold05072_7884	Ca_desig_scaffold	7884	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold05072_10740	Ca_desig_scaffold	10740	[A/G]	NA
Ca_DesigChr_scaffold05072_10759	Ca_desig_scaffold	10759	[T/C]	NA
Ca_DesigChr_scaffold05072_10795	Ca_desig_scaffold	10795	[T/C]	NA
Ca_DesigChr_scaffold05072_10799	Ca_desig_scaffold	10799	[A/C]	NA
Ca_DesigChr_scaffold05072_10802	Ca_desig_scaffold	10802	[A/C]	NA
Ca_DesigChr_scaffold05072_10810	Ca_desig_scaffold	10810	[T/A]	NA
Ca_DesigChr_scaffold05072_10985	Ca_desig_scaffold	10985	[T/C]	NA
Ca_DesigChr_scaffold05072_10999	Ca_desig_scaffold	10999	[A/G]	NA
Ca_DesigChr_scaffold05072_11009	Ca_desig_scaffold	11009	[T/G]	NA
Ca_DesigChr_scaffold05072_11012	Ca_desig_scaffold	11012	[A/G]	NA
Ca_DesigChr_scaffold05072_11015	Ca_desig_scaffold	11015	[T/A]	NA
Ca_DesigChr_scaffold05072_11016	Ca_desig_scaffold	11016	[A/G]	NA
Ca_DesigChr_scaffold05072_11026	Ca_desig_scaffold	11026	[A/G]	NA
Ca_DesigChr_scaffold05072_11054	Ca_desig_scaffold	11054	[T/C]	NA
Ca_DesigChr_scaffold05072_11055	Ca_desig_scaffold	11055	[A/G]	NA
Ca_DesigChr_scaffold05072_12202	Ca_desig_scaffold	12202	[T/C]	NA
Ca_DesigChr_scaffold05072_12218	Ca_desig_scaffold	12218	[T/A]	NA
Ca_DesigChr_scaffold05072_12227	Ca_desig_scaffold	12227	[C/T]	NA
Ca_DesigChr_scaffold05072_12487	Ca_desig_scaffold	12487	[T/C]	NA
Ca_DesigChr_scaffold05072_12497	Ca_desig_scaffold	12497	[A/G]	NA
Ca_DesigChr_scaffold05072_12501	Ca_desig_scaffold	12501	[T/C]	NA
Ca_DesigChr_scaffold05072_12502	Ca_desig_scaffold	12502	[A/G]	NA
Ca_DesigChr_scaffold05072_12503	Ca_desig_scaffold	12503	[T/C]	NA
Ca_DesigChr_scaffold05072_12505	Ca_desig_scaffold	12505	[A/G]	NA
Ca_DesigChr_scaffold05072_12507	Ca_desig_scaffold	12507	[T/C]	NA
Ca_DesigChr_scaffold05072_12519	Ca_desig_scaffold	12519	[A/G]	NA
Ca_DesigChr_scaffold05072_12577	Ca_desig_scaffold	12577	[T/C]	NA
Ca_DesigChr_scaffold05072_13063	Ca_desig_scaffold	13063	[A/G]	NA
Ca_DesigChr_scaffold05072_13069	Ca_desig_scaffold	13069	[T/C]	NA
Ca_DesigChr_scaffold05072_13153	Ca_desig_scaffold	13153	[T/C]	NA
Ca_DesigChr_scaffold05072_13361	Ca_desig_scaffold	13361	[A/G]	NA
Ca_DesigChr_scaffold05072_13416	Ca_desig_scaffold	13416	[A/G]	NA
Ca_DesigChr_scaffold05072_13516	Ca_desig_scaffold	13516	[T/C]	NA
Ca_DesigChr_scaffold05072_13517	Ca_desig_scaffold	13517	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold05072_13519	Ca_desig_scaffold	13519	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13520	Ca_desig_scaffold	13520	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13522	Ca_desig_scaffold	13522	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13524	Ca_desig_scaffold	13524	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13525	Ca_desig_scaffold	13525	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13526	Ca_desig_scaffold	13526	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13527	Ca_desig_scaffold	13527	[G/A]	NA
Ca_Desig_Chr_scaffold05072_13530	Ca_desig_scaffold	13530	[C/T]	NA
Ca_Desig_Chr_scaffold05072_13532	Ca_desig_scaffold	13532	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13534	Ca_desig_scaffold	13534	[G/A]	NA
Ca_Desig_Chr_scaffold05072_13535	Ca_desig_scaffold	13535	[C/T]	NA
Ca_Desig_Chr_scaffold05072_13536	Ca_desig_scaffold	13536	[G/A]	NA
Ca_Desig_Chr_scaffold05072_13537	Ca_desig_scaffold	13537	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13540	Ca_desig_scaffold	13540	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13541	Ca_desig_scaffold	13541	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13544	Ca_desig_scaffold	13544	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13545	Ca_desig_scaffold	13545	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13547	Ca_desig_scaffold	13547	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13548	Ca_desig_scaffold	13548	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13549	Ca_desig_scaffold	13549	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13556	Ca_desig_scaffold	13556	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13557	Ca_desig_scaffold	13557	[G/A]	NA
Ca_Desig_Chr_scaffold05072_13559	Ca_desig_scaffold	13559	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13562	Ca_desig_scaffold	13562	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13564	Ca_desig_scaffold	13564	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13565	Ca_desig_scaffold	13565	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13566	Ca_desig_scaffold	13566	[G/A]	NA
Ca_Desig_Chr_scaffold05072_13568	Ca_desig_scaffold	13568	[C/T]	NA
Ca_Desig_Chr_scaffold05072_13570	Ca_desig_scaffold	13570	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13571	Ca_desig_scaffold	13571	[G/A]	NA
Ca_Desig_Chr_scaffold05072_13573	Ca_desig_scaffold	13573	[C/T]	NA
Ca_Desig_Chr_scaffold05072_13574	Ca_desig_scaffold	13574	[G/A]	NA
Ca_Desig_Chr_scaffold05072_13654	Ca_desig_scaffold	13654	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13655	Ca_desig_scaffold	13655	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold05072_13657	Ca_desig_scaffold	13657	[T/C]	NA
Ca_DesigChr_scaffold05072_13659	Ca_desig_scaffold	13659	[T/C]	NA
Ca_DesigChr_scaffold05072_13660	Ca_desig_scaffold	13660	[T/C]	NA
Ca_DesigChr_scaffold05072_13663	Ca_desig_scaffold	13663	[T/C]	NA
Ca_DesigChr_scaffold05072_13666	Ca_desig_scaffold	13666	[T/C]	NA
Ca_DesigChr_scaffold05072_13667	Ca_desig_scaffold	13667	[T/A]	NA
Ca_DesigChr_scaffold05072_13668	Ca_desig_scaffold	13668	[A/G]	NA
Ca_DesigChr_scaffold05072_13669	Ca_desig_scaffold	13669	[A/G]	NA
Ca_DesigChr_scaffold05072_13670	Ca_desig_scaffold	13670	[A/G]	NA
Ca_DesigChr_scaffold05072_13672	Ca_desig_scaffold	13672	[A/G]	NA
Ca_DesigChr_scaffold05072_13673	Ca_desig_scaffold	13673	[A/G]	NA
Ca_DesigChr_scaffold05072_13674	Ca_desig_scaffold	13674	[A/G]	NA
Ca_DesigChr_scaffold05072_13677	Ca_desig_scaffold	13677	[A/G]	NA
Ca_DesigChr_scaffold05072_13679	Ca_desig_scaffold	13679	[A/G]	NA
Ca_DesigChr_scaffold05072_13681	Ca_desig_scaffold	13681	[T/C]	NA
Ca_DesigChr_scaffold05072_13682	Ca_desig_scaffold	13682	[T/C]	NA
Ca_DesigChr_scaffold05072_13683	Ca_desig_scaffold	13683	[A/G]	NA
Ca_DesigChr_scaffold05072_13686	Ca_desig_scaffold	13686	[A/G]	NA
Ca_DesigChr_scaffold05072_13687	Ca_desig_scaffold	13687	[T/C]	NA
Ca_DesigChr_scaffold05072_13689	Ca_desig_scaffold	13689	[A/G]	NA
Ca_DesigChr_scaffold05072_13690	Ca_desig_scaffold	13690	[T/C]	NA
Ca_DesigChr_scaffold05072_13695	Ca_desig_scaffold	13695	[C/T]	NA
Ca_DesigChr_scaffold05072_13697	Ca_desig_scaffold	13697	[T/C]	NA
Ca_DesigChr_scaffold05072_13699	Ca_desig_scaffold	13699	[T/C]	NA
Ca_DesigChr_scaffold05072_13701	Ca_desig_scaffold	13701	[A/G]	NA
Ca_DesigChr_scaffold05072_13703	Ca_desig_scaffold	13703	[T/C]	NA
Ca_DesigChr_scaffold05072_13704	Ca_desig_scaffold	13704	[T/C]	NA
Ca_DesigChr_scaffold05072_13705	Ca_desig_scaffold	13705	[T/C]	NA
Ca_DesigChr_scaffold05072_13708	Ca_desig_scaffold	13708	[A/G]	NA
Ca_DesigChr_scaffold05072_13710	Ca_desig_scaffold	13710	[T/C]	NA
Ca_DesigChr_scaffold05072_13711	Ca_desig_scaffold	13711	[T/C]	NA
Ca_DesigChr_scaffold05072_13713	Ca_desig_scaffold	13713	[C/T]	NA
Ca_DesigChr_scaffold05072_13876	Ca_desig_scaffold	13876	[A/T]	NA
Ca_DesigChr_scaffold05072_13879	Ca_desig_scaffold	13879	[G/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold05072_13881	Ca_desig_scaffold	13881	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13883	Ca_desig_scaffold	13883	[G/A]	NA
Ca_Desig_Chr_scaffold05072_13884	Ca_desig_scaffold	13884	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13885	Ca_desig_scaffold	13885	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13886	Ca_desig_scaffold	13886	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13887	Ca_desig_scaffold	13887	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13888	Ca_desig_scaffold	13888	[G/A]	NA
Ca_Desig_Chr_scaffold05072_13889	Ca_desig_scaffold	13889	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13890	Ca_desig_scaffold	13890	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13891	Ca_desig_scaffold	13891	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13892	Ca_desig_scaffold	13892	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13894	Ca_desig_scaffold	13894	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13896	Ca_desig_scaffold	13896	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13897	Ca_desig_scaffold	13897	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13898	Ca_desig_scaffold	13898	[C/T]	NA
Ca_Desig_Chr_scaffold05072_13899	Ca_desig_scaffold	13899	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13901	Ca_desig_scaffold	13901	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13902	Ca_desig_scaffold	13902	[C/T]	NA
Ca_Desig_Chr_scaffold05072_13903	Ca_desig_scaffold	13903	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13904	Ca_desig_scaffold	13904	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13907	Ca_desig_scaffold	13907	[C/A]	NA
Ca_Desig_Chr_scaffold05072_13908	Ca_desig_scaffold	13908	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13909	Ca_desig_scaffold	13909	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13910	Ca_desig_scaffold	13910	[G/A]	NA
Ca_Desig_Chr_scaffold05072_13914	Ca_desig_scaffold	13914	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13917	Ca_desig_scaffold	13917	[T/C]	NA
Ca_Desig_Chr_scaffold05072_13919	Ca_desig_scaffold	13919	[A/G]	NA
Ca_Desig_Chr_scaffold05072_13922	Ca_desig_scaffold	13922	[A/T]	NA
Ca_Desig_Chr_scaffold05072_14343	Ca_desig_scaffold	14343	[A/T]	NA
Ca_Desig_Chr_scaffold05077_6750	Ca_desig_scaffold	6750	[A/T]	NA
Ca_Desig_Chr_scaffold05077_8077	Ca_desig_scaffold	8077	[A/T]	NA
Ca_Desig_Chr_scaffold05077_8081	Ca_desig_scaffold	8081	[C/T]	NA
Ca_Desig_Chr_scaffold05077_8108	Ca_desig_scaffold	8108	[T/C]	NA
Ca_Desig_Chr_scaffold05077_8116	Ca_desig_scaffold	8116	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold05077_8126	Ca_desig_scaffold	8126	[A/T]	NA
Ca_Desig_Chr_scaffold05077_8138	Ca_desig_scaffold	8138	[T/C]	NA
Ca_Desig_Chr_scaffold05091_6468	Ca_desig_scaffold	6468	[C/T]	NA
Ca_Desig_Chr_scaffold05091_6490	Ca_desig_scaffold	6490	[C/A]	NA
Ca_Desig_Chr_scaffold05096_6683	Ca_desig_scaffold	6683	[G/A]	NA
Ca_Desig_Chr_scaffold05096_6704	Ca_desig_scaffold	6704	[A/C]	NA
Ca_Desig_Chr_scaffold05096_6725	Ca_desig_scaffold	6725	[T/G]	NA
Ca_Desig_Chr_scaffold05096_6729	Ca_desig_scaffold	6729	[C/A]	NA
Ca_Desig_Chr_scaffold05108_8073	Ca_desig_scaffold	8073	[A/G]	NA
Ca_Desig_Chr_scaffold05108_12620	Ca_desig_scaffold	12620	[T/C]	NA
Ca_Desig_Chr_scaffold05108_12626	Ca_desig_scaffold	12626	[T/C]	NA
Ca_Desig_Chr_scaffold05121_9270	Ca_desig_scaffold	9270	[T/C]	NA
Ca_Desig_Chr_scaffold05131_9526	Ca_desig_scaffold	9526	[A/C]	NA
Ca_Desig_Chr_scaffold05156_5107	Ca_desig_scaffold	5107	[A/G]	NA
Ca_Desig_Chr_scaffold05156_5109	Ca_desig_scaffold	5109	[T/C]	NA
Ca_Desig_Chr_scaffold05156_5112	Ca_desig_scaffold	5112	[A/C]	NA
Ca_Desig_Chr_scaffold05156_5118	Ca_desig_scaffold	5118	[A/G]	NA
Ca_Desig_Chr_scaffold05156_5119	Ca_desig_scaffold	5119	[T/C]	NA
Ca_Desig_Chr_scaffold05156_5128	Ca_desig_scaffold	5128	[A/C]	NA
Ca_Desig_Chr_scaffold05156_5131	Ca_desig_scaffold	5131	[T/C]	NA
Ca_Desig_Chr_scaffold05156_5154	Ca_desig_scaffold	5154	[A/T]	NA
Ca_Desig_Chr_scaffold05156_5199	Ca_desig_scaffold	5199	[G/A]	NA
Ca_Desig_Chr_scaffold05156_5209	Ca_desig_scaffold	5209	[A/C]	NA
Ca_Desig_Chr_scaffold05156_5216	Ca_desig_scaffold	5216	[C/A]	NA
Ca_Desig_Chr_scaffold05156_5218	Ca_desig_scaffold	5218	[T/C]	NA
Ca_Desig_Chr_scaffold05163_5685	Ca_desig_scaffold	5685	[C/T]	NA
Ca_Desig_Chr_scaffold05163_5691	Ca_desig_scaffold	5691	[G/A]	NA
Ca_Desig_Chr_scaffold05163_5725	Ca_desig_scaffold	5725	[G/C]	NA
Ca_Desig_Chr_scaffold05163_5727	Ca_desig_scaffold	5727	[A/G]	NA
Ca_Desig_Chr_scaffold05168_13382	Ca_desig_scaffold	13382	[A/G]	NA
Ca_Desig_Chr_scaffold05171_13047	Ca_desig_scaffold	13047	[A/G]	NA
Ca_Desig_Chr_scaffold05203_11532	Ca_desig_scaffold	11532	[T/G]	NA
Ca_Desig_Chr_scaffold05206_11158	Ca_desig_scaffold	11158	[G/A]	NA
Ca_Desig_Chr_scaffold05224_11504	Ca_desig_scaffold	11504	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold05224_11591	Ca_desig_scaffold	11591	[A/C]	NA
Ca_Desig_Chr_scaffold05224_11703	Ca_desig_scaffold	11703	[A/G]	NA
Ca_Desig_Chr_scaffold05238_2821	Ca_desig_scaffold	2821	[T/C]	NA
Ca_Desig_Chr_scaffold05238_9038	Ca_desig_scaffold	9038	[A/T]	NA
Ca_Desig_Chr_scaffold05238_9054	Ca_desig_scaffold	9054	[T/C]	NA
Ca_Desig_Chr_scaffold05247_6750	Ca_desig_scaffold	6750	[C/T]	NA
Ca_Desig_Chr_scaffold05247_6759	Ca_desig_scaffold	6759	[A/T]	NA
Ca_Desig_Chr_scaffold05250_7505	Ca_desig_scaffold	7505	[C/T]	NA
Ca_Desig_Chr_scaffold05254_5702	Ca_desig_scaffold	5702	[A/T]	NA
Ca_Desig_Chr_scaffold05254_5703	Ca_desig_scaffold	5703	[T/C]	NA
Ca_Desig_Chr_scaffold05254_5704	Ca_desig_scaffold	5704	[G/T]	NA
Ca_Desig_Chr_scaffold05255_2892	Ca_desig_scaffold	2892	[T/C]	NA
Ca_Desig_Chr_scaffold05255_2909	Ca_desig_scaffold	2909	[A/C]	NA
Ca_Desig_Chr_scaffold05255_2912	Ca_desig_scaffold	2912	[T/C]	NA
Ca_Desig_Chr_scaffold05255_3919	Ca_desig_scaffold	3919	[A/C]	NA
Ca_Desig_Chr_scaffold05255_5601	Ca_desig_scaffold	5601	[T/G]	NA
Ca_Desig_Chr_scaffold05255_6018	Ca_desig_scaffold	6018	[A/G]	NA
Ca_Desig_Chr_scaffold05263_9408	Ca_desig_scaffold	9408	[A/G]	NA
Ca_Desig_Chr_scaffold05263_9410	Ca_desig_scaffold	9410	[A/G]	NA
Ca_Desig_Chr_scaffold05263_9411	Ca_desig_scaffold	9411	[A/G]	NA
Ca_Desig_Chr_scaffold05263_11567	Ca_desig_scaffold	11567	[A/C]	NA
Ca_Desig_Chr_scaffold05263_11603	Ca_desig_scaffold	11603	[C/T]	NA
Ca_Desig_Chr_scaffold05263_11670	Ca_desig_scaffold	11670	[C/T]	NA
Ca_Desig_Chr_scaffold05263_11671	Ca_desig_scaffold	11671	[A/C]	NA
Ca_Desig_Chr_scaffold05263_11674	Ca_desig_scaffold	11674	[A/C]	NA
Ca_Desig_Chr_scaffold05263_11681	Ca_desig_scaffold	11681	[A/C]	NA
Ca_Desig_Chr_scaffold05263_11689	Ca_desig_scaffold	11689	[A/G]	NA
Ca_Desig_Chr_scaffold05263_11701	Ca_desig_scaffold	11701	[C/T]	NA
Ca_Desig_Chr_scaffold05263_11710	Ca_desig_scaffold	11710	[T/G]	NA
Ca_Desig_Chr_scaffold05263_11728	Ca_desig_scaffold	11728	[T/C]	NA
Ca_Desig_Chr_scaffold05282_3855	Ca_desig_scaffold	3855	[A/G]	NA
Ca_Desig_Chr_scaffold05282_3862	Ca_desig_scaffold	3862	[A/G]	NA
Ca_Desig_Chr_scaffold05283_144	Ca_desig_scaffold	144	[A/T]	NA
Ca_Desig_Chr_scaffold05308_5468	Ca_desig_scaffold	5468	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold05308_8001	Ca_desi_scaffold	8001	[T/C]	NA
Ca_Desi_Ch_scaffold05308_8003	Ca_desi_scaffold	8003	[A/C]	NA
Ca_Desi_Ch_scaffold05308_8010	Ca_desi_scaffold	8010	[T/G]	NA
Ca_Desi_Ch_scaffold05308_8083	Ca_desi_scaffold	8083	[T/C]	NA
Ca_Desi_Ch_scaffold05336_11748	Ca_desi_scaffold	11748	[G/T]	NA
Ca_Desi_Ch_scaffold05364_5692	Ca_desi_scaffold	5692	[T/G]	NA
Ca_Desi_Ch_scaffold05369_3083	Ca_desi_scaffold	3083	[C/A]	NA
Ca_Desi_Ch_scaffold05369_3087	Ca_desi_scaffold	3087	[G/C]	NA
Ca_Desi_Ch_scaffold05369_3089	Ca_desi_scaffold	3089	[A/T]	NA
Ca_Desi_Ch_scaffold05369_3102	Ca_desi_scaffold	3102	[G/A]	NA
Ca_Desi_Ch_scaffold05372_3339	Ca_desi_scaffold	3339	[A/G]	NA
Ca_Desi_Ch_scaffold05372_3342	Ca_desi_scaffold	3342	[C/T]	NA
Ca_Desi_Ch_scaffold05372_6494	Ca_desi_scaffold	6494	[T/A]	NA
Ca_Desi_Ch_scaffold05372_6496	Ca_desi_scaffold	6496	[A/T]	NA
Ca_Desi_Ch_scaffold05372_6497	Ca_desi_scaffold	6497	[C/G]	NA
Ca_Desi_Ch_scaffold05372_6552	Ca_desi_scaffold	6552	[T/A]	NA
Ca_Desi_Ch_scaffold05386_1972	Ca_desi_scaffold	1972	[A/C]	NA
Ca_Desi_Ch_scaffold05386_2033	Ca_desi_scaffold	2033	[T/C]	NA
Ca_Desi_Ch_scaffold05400_2687	Ca_desi_scaffold	2687	[A/G]	NA
Ca_Desi_Ch_scaffold05404_8539	Ca_desi_scaffold	8539	[A/C]	NA
Ca_Desi_Ch_scaffold05404_8542	Ca_desi_scaffold	8542	[A/T]	NA
Ca_Desi_Ch_scaffold05404_8543	Ca_desi_scaffold	8543	[A/C]	NA
Ca_Desi_Ch_scaffold05404_8544	Ca_desi_scaffold	8544	[G/T]	NA
Ca_Desi_Ch_scaffold05411_507	Ca_desi_scaffold	507	[C/G]	NA
Ca_Desi_Ch_scaffold05411_5372	Ca_desi_scaffold	5372	[T/C]	NA
Ca_Desi_Ch_scaffold05411_5436	Ca_desi_scaffold	5436	[A/G]	NA
Ca_Desi_Ch_scaffold05450_5702	Ca_desi_scaffold	5702	[C/A]	NA
Ca_Desi_Ch_scaffold05450_7608	Ca_desi_scaffold	7608	[G/A]	NA
Ca_Desi_Ch_scaffold05450_7615	Ca_desi_scaffold	7615	[C/T]	NA
Ca_Desi_Ch_scaffold05450_7625	Ca_desi_scaffold	7625	[A/C]	NA
Ca_Desi_Ch_scaffold05468_6018	Ca_desi_scaffold	6018	[T/C]	NA
Ca_Desi_Ch_scaffold05503_10047	Ca_desi_scaffold	10047	[T/G]	NA
Ca_Desi_Ch_scaffold05503_10067	Ca_desi_scaffold	10067	[T/C]	NA
Ca_Desi_Ch_scaffold05518_1990	Ca_desi_scaffold	1990	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold05518_1996	Ca_desi_scaffold	1996	[G/A]	NA
Ca_Desi_Ch_scaffold05518_2010	Ca_desi_scaffold	2010	[C/T]	NA
Ca_Desi_Ch_scaffold05518_2017	Ca_desi_scaffold	2017	[T/C]	NA
Ca_Desi_Ch_scaffold05518_2413	Ca_desi_scaffold	2413	[G/T]	NA
Ca_Desi_Ch_scaffold05518_2419	Ca_desi_scaffold	2419	[C/T]	NA
Ca_Desi_Ch_scaffold05518_2477	Ca_desi_scaffold	2477	[A/T]	NA
Ca_Desi_Ch_scaffold05518_2510	Ca_desi_scaffold	2510	[A/G]	NA
Ca_Desi_Ch_scaffold05518_2536	Ca_desi_scaffold	2536	[A/G]	NA
Ca_Desi_Ch_scaffold05518_2538	Ca_desi_scaffold	2538	[T/C]	NA
Ca_Desi_Ch_scaffold05518_2552	Ca_desi_scaffold	2552	[G/A]	NA
Ca_Desi_Ch_scaffold05531_3353	Ca_desi_scaffold	3353	[T/C]	NA
Ca_Desi_Ch_scaffold05531_3354	Ca_desi_scaffold	3354	[G/T]	NA
Ca_Desi_Ch_scaffold05531_8709	Ca_desi_scaffold	8709	[T/G]	NA
Ca_Desi_Ch_scaffold05531_8711	Ca_desi_scaffold	8711	[T/C]	NA
Ca_Desi_Ch_scaffold05531_8714	Ca_desi_scaffold	8714	[C/T]	NA
Ca_Desi_Ch_scaffold05558_4653	Ca_desi_scaffold	4653	[T/C]	NA
Ca_Desi_Ch_scaffold05558_4697	Ca_desi_scaffold	4697	[A/C]	NA
Ca_Desi_Ch_scaffold05562_784	Ca_desi_scaffold	784	[T/G]	NA
Ca_Desi_Ch_scaffold05562_786	Ca_desi_scaffold	786	[T/C]	NA
Ca_Desi_Ch_scaffold05562_787	Ca_desi_scaffold	787	[C/T]	NA
Ca_Desi_Ch_scaffold05562_798	Ca_desi_scaffold	798	[T/G]	NA
Ca_Desi_Ch_scaffold05562_827	Ca_desi_scaffold	827	[A/G]	NA
Ca_Desi_Ch_scaffold05588_1256	Ca_desi_scaffold	1256	[T/A]	NA
Ca_Desi_Ch_scaffold05588_1271	Ca_desi_scaffold	1271	[T/G]	NA
Ca_Desi_Ch_scaffold05588_1307	Ca_desi_scaffold	1307	[C/T]	NA
Ca_Desi_Ch_scaffold05588_4822	Ca_desi_scaffold	4822	[T/G]	NA
Ca_Desi_Ch_scaffold05588_4831	Ca_desi_scaffold	4831	[T/G]	NA
Ca_Desi_Ch_scaffold05596_6922	Ca_desi_scaffold	6922	[A/C]	NA
Ca_Desi_Ch_scaffold05603_10470	Ca_desi_scaffold	10470	[T/A]	NA
Ca_Desi_Ch_scaffold05603_10472	Ca_desi_scaffold	10472	[T/C]	NA
Ca_Desi_Ch_scaffold05603_10513	Ca_desi_scaffold	10513	[C/T]	NA
Ca_Desi_Ch_scaffold05613_5172	Ca_desi_scaffold	5172	[A/G]	NA
Ca_Desi_Ch_scaffold05613_5194	Ca_desi_scaffold	5194	[A/G]	NA
Ca_Desi_Ch_scaffold05620_2447	Ca_desi_scaffold	2447	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold05620_2545	Ca_desi_scaffold	2545	[T/G]	NA
Ca_Desi_Ch_scaffold05655_1144	Ca_desi_scaffold	1144	[A/G]	NA
Ca_Desi_Ch_scaffold05679_671	Ca_desi_scaffold	671	[T/C]	NA
Ca_Desi_Ch_scaffold05679_5828	Ca_desi_scaffold	5828	[T/C]	NA
Ca_Desi_Ch_scaffold05679_8415	Ca_desi_scaffold	8415	[A/G]	NA
Ca_Desi_Ch_scaffold05685_528	Ca_desi_scaffold	528	[G/A]	NA
Ca_Desi_Ch_scaffold05685_543	Ca_desi_scaffold	543	[G/A]	NA
Ca_Desi_Ch_scaffold05693_1756	Ca_desi_scaffold	1756	[A/C]	NA
Ca_Desi_Ch_scaffold05693_1766	Ca_desi_scaffold	1766	[T/C]	NA
Ca_Desi_Ch_scaffold05693_1781	Ca_desi_scaffold	1781	[A/C]	NA
Ca_Desi_Ch_scaffold05693_1790	Ca_desi_scaffold	1790	[A/C]	NA
Ca_Desi_Ch_scaffold05693_1792	Ca_desi_scaffold	1792	[T/C]	NA
Ca_Desi_Ch_scaffold05693_1794	Ca_desi_scaffold	1794	[T/C]	NA
Ca_Desi_Ch_scaffold05693_1801	Ca_desi_scaffold	1801	[T/C]	NA
Ca_Desi_Ch_scaffold05695_5698	Ca_desi_scaffold	5698	[T/G]	NA
Ca_Desi_Ch_scaffold05695_5756	Ca_desi_scaffold	5756	[A/G]	NA
Ca_Desi_Ch_scaffold05703_2353	Ca_desi_scaffold	2353	[A/C]	NA
Ca_Desi_Ch_scaffold05718_6131	Ca_desi_scaffold	6131	[G/A]	NA
Ca_Desi_Ch_scaffold05718_6132	Ca_desi_scaffold	6132	[A/G]	NA
Ca_Desi_Ch_scaffold05718_6232	Ca_desi_scaffold	6232	[A/T]	NA
Ca_Desi_Ch_scaffold05718_8802	Ca_desi_scaffold	8802	[A/T]	NA
Ca_Desi_Ch_scaffold05742_4735	Ca_desi_scaffold	4735	[T/G]	NA
Ca_Desi_Ch_scaffold05742_4742	Ca_desi_scaffold	4742	[T/C]	NA
Ca_Desi_Ch_scaffold05742_4760	Ca_desi_scaffold	4760	[A/G]	NA
Ca_Desi_Ch_scaffold05748_7639	Ca_desi_scaffold	7639	[T/G]	NA
Ca_Desi_Ch_scaffold05748_7664	Ca_desi_scaffold	7664	[T/C]	NA
Ca_Desi_Ch_scaffold05748_7675	Ca_desi_scaffold	7675	[T/C]	NA
Ca_Desi_Ch_scaffold05748_7686	Ca_desi_scaffold	7686	[A/G]	NA
Ca_Desi_Ch_scaffold05748_7688	Ca_desi_scaffold	7688	[A/C]	NA
Ca_Desi_Ch_scaffold05753_7645	Ca_desi_scaffold	7645	[A/G]	NA
Ca_Desi_Ch_scaffold05753_7665	Ca_desi_scaffold	7665	[A/C]	NA
Ca_Desi_Ch_scaffold05753_7666	Ca_desi_scaffold	7666	[C/A]	NA
Ca_Desi_Ch_scaffold05753_7667	Ca_desi_scaffold	7667	[T/G]	NA
Ca_Desi_Ch_scaffold05753_7668	Ca_desi_scaffold	7668	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold05753_9330	Ca_desi_scaffold	9330	[C/A]	NA
Ca_Desi_Ch_scaffold05773_9838	Ca_desi_scaffold	9838	[T/A]	NA
Ca_Desi_Ch_scaffold05773_9864	Ca_desi_scaffold	9864	[A/G]	NA
Ca_Desi_Ch_scaffold05773_9872	Ca_desi_scaffold	9872	[T/C]	NA
Ca_Desi_Ch_scaffold05773_9895	Ca_desi_scaffold	9895	[T/C]	NA
Ca_Desi_Ch_scaffold05775_5945	Ca_desi_scaffold	5945	[A/G]	NA
Ca_Desi_Ch_scaffold05775_5948	Ca_desi_scaffold	5948	[A/G]	NA
Ca_Desi_Ch_scaffold05779_3971	Ca_desi_scaffold	3971	[G/T]	NA
Ca_Desi_Ch_scaffold05779_3977	Ca_desi_scaffold	3977	[G/A]	NA
Ca_Desi_Ch_scaffold05779_3978	Ca_desi_scaffold	3978	[A/G]	NA
Ca_Desi_Ch_scaffold05779_3990	Ca_desi_scaffold	3990	[T/G]	NA
Ca_Desi_Ch_scaffold05779_3993	Ca_desi_scaffold	3993	[T/C]	NA
Ca_Desi_Ch_scaffold05786_3038	Ca_desi_scaffold	3038	[T/G]	NA
Ca_Desi_Ch_scaffold05871_7178	Ca_desi_scaffold	7178	[T/C]	NA
Ca_Desi_Ch_scaffold05917_3642	Ca_desi_scaffold	3642	[G/A]	NA
Ca_Desi_Ch_scaffold05917_3651	Ca_desi_scaffold	3651	[A/T]	NA
Ca_Desi_Ch_scaffold05917_3673	Ca_desi_scaffold	3673	[A/T]	NA
Ca_Desi_Ch_scaffold05925_3260	Ca_desi_scaffold	3260	[A/T]	NA
Ca_Desi_Ch_scaffold05925_3265	Ca_desi_scaffold	3265	[A/G]	NA
Ca_Desi_Ch_scaffold05925_3278	Ca_desi_scaffold	3278	[A/G]	NA
Ca_Desi_Ch_scaffold05925_3281	Ca_desi_scaffold	3281	[A/G]	NA
Ca_Desi_Ch_scaffold05925_3292	Ca_desi_scaffold	3292	[T/G]	NA
Ca_Desi_Ch_scaffold05925_3294	Ca_desi_scaffold	3294	[T/C]	NA
Ca_Desi_Ch_scaffold05925_3297	Ca_desi_scaffold	3297	[T/C]	NA
Ca_Desi_Ch_scaffold05925_3314	Ca_desi_scaffold	3314	[T/C]	NA
Ca_Desi_Ch_scaffold06004_545	Ca_desi_scaffold	545	[C/T]	NA
Ca_Desi_Ch_scaffold06004_4893	Ca_desi_scaffold	4893	[T/G]	NA
Ca_Desi_Ch_scaffold06018_10198	Ca_desi_scaffold	10198	[T/C]	NA
Ca_Desi_Ch_scaffold06024_8491	Ca_desi_scaffold	8491	[T/C]	NA
Ca_Desi_Ch_scaffold06024_8500	Ca_desi_scaffold	8500	[T/C]	NA
Ca_Desi_Ch_scaffold06024_8508	Ca_desi_scaffold	8508	[G/T]	NA
Ca_Desi_Ch_scaffold06024_8510	Ca_desi_scaffold	8510	[C/A]	NA
Ca_Desi_Ch_scaffold06024_8512	Ca_desi_scaffold	8512	[A/C]	NA
Ca_Desi_Ch_scaffold06024_8517	Ca_desi_scaffold	8517	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold06024_8532	Ca_desig_scaffold	8532	[A/C]	NA
Ca_Desig_Chr_scaffold06024_8537	Ca_desig_scaffold	8537	[G/T]	NA
Ca_Desig_Chr_scaffold06024_8539	Ca_desig_scaffold	8539	[T/G]	NA
Ca_Desig_Chr_scaffold06024_8542	Ca_desig_scaffold	8542	[T/G]	NA
Ca_Desig_Chr_scaffold06024_8544	Ca_desig_scaffold	8544	[A/T]	NA
Ca_Desig_Chr_scaffold06024_8546	Ca_desig_scaffold	8546	[T/G]	NA
Ca_Desig_Chr_scaffold06041_1547	Ca_desig_scaffold	1547	[T/G]	NA
Ca_Desig_Chr_scaffold06051_6462	Ca_desig_scaffold	6462	[T/A]	NA
Ca_Desig_Chr_scaffold06051_6476	Ca_desig_scaffold	6476	[A/G]	NA
Ca_Desig_Chr_scaffold06051_6490	Ca_desig_scaffold	6490	[A/G]	NA
Ca_Desig_Chr_scaffold06051_6497	Ca_desig_scaffold	6497	[T/G]	NA
Ca_Desig_Chr_scaffold06051_6510	Ca_desig_scaffold	6510	[A/G]	NA
Ca_Desig_Chr_scaffold06051_7196	Ca_desig_scaffold	7196	[A/G]	NA
Ca_Desig_Chr_scaffold06051_8943	Ca_desig_scaffold	8943	[A/C]	NA
Ca_Desig_Chr_scaffold06051_9425	Ca_desig_scaffold	9425	[G/A]	NA
Ca_Desig_Chr_scaffold06051_9449	Ca_desig_scaffold	9449	[A/C]	NA
Ca_Desig_Chr_scaffold06058_5000	Ca_desig_scaffold	5000	[A/C]	NA
Ca_Desig_Chr_scaffold06066_570	Ca_desig_scaffold	570	[T/G]	NA
Ca_Desig_Chr_scaffold06077_5096	Ca_desig_scaffold	5096	[T/C]	NA
Ca_Desig_Chr_scaffold06077_5111	Ca_desig_scaffold	5111	[A/G]	NA
Ca_Desig_Chr_scaffold06080_8399	Ca_desig_scaffold	8399	[T/A]	NA
Ca_Desig_Chr_scaffold06082_9259	Ca_desig_scaffold	9259	[A/C]	NA
Ca_Desig_Chr_scaffold06082_9264	Ca_desig_scaffold	9264	[A/G]	NA
Ca_Desig_Chr_scaffold06082_9279	Ca_desig_scaffold	9279	[A/T]	NA
Ca_Desig_Chr_scaffold06082_9530	Ca_desig_scaffold	9530	[A/C]	NA
Ca_Desig_Chr_scaffold06087_6211	Ca_desig_scaffold	6211	[A/G]	NA
Ca_Desig_Chr_scaffold06087_6212	Ca_desig_scaffold	6212	[T/C]	NA
Ca_Desig_Chr_scaffold06087_6227	Ca_desig_scaffold	6227	[T/C]	NA
Ca_Desig_Chr_scaffold06087_6230	Ca_desig_scaffold	6230	[T/G]	NA
Ca_Desig_Chr_scaffold06087_6291	Ca_desig_scaffold	6291	[A/G]	NA
Ca_Desig_Chr_scaffold06087_6301	Ca_desig_scaffold	6301	[A/G]	NA
Ca_Desig_Chr_scaffold06087_6302	Ca_desig_scaffold	6302	[T/C]	NA
Ca_Desig_Chr_scaffold06087_6306	Ca_desig_scaffold	6306	[A/C]	NA
Ca_Desig_Chr_scaffold06087_6321	Ca_desig_scaffold	6321	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold06087_6326	Ca_desig_scaffold	6326	[A/G]	NA
Ca_Desig_Chr_scaffold06087_6329	Ca_desig_scaffold	6329	[A/G]	NA
Ca_Desig_Chr_scaffold06087_6339	Ca_desig_scaffold	6339	[G/T]	NA
Ca_Desig_Chr_scaffold06087_6345	Ca_desig_scaffold	6345	[G/A]	NA
Ca_Desig_Chr_scaffold06087_6347	Ca_desig_scaffold	6347	[T/C]	NA
Ca_Desig_Chr_scaffold06087_6353	Ca_desig_scaffold	6353	[A/G]	NA
Ca_Desig_Chr_scaffold06087_6427	Ca_desig_scaffold	6427	[T/G]	NA
Ca_Desig_Chr_scaffold06087_6430	Ca_desig_scaffold	6430	[T/G]	NA
Ca_Desig_Chr_scaffold06087_6431	Ca_desig_scaffold	6431	[A/G]	NA
Ca_Desig_Chr_scaffold06087_6463	Ca_desig_scaffold	6463	[T/C]	NA
Ca_Desig_Chr_scaffold06107_7401	Ca_desig_scaffold	7401	[A/G]	NA
Ca_Desig_Chr_scaffold06107_9211	Ca_desig_scaffold	9211	[A/C]	NA
Ca_Desig_Chr_scaffold06108_1511	Ca_desig_scaffold	1511	[C/A]	NA
Ca_Desig_Chr_scaffold06108_1512	Ca_desig_scaffold	1512	[T/G]	NA
Ca_Desig_Chr_scaffold06116_2136	Ca_desig_scaffold	2136	[T/G]	NA
Ca_Desig_Chr_scaffold06131_3729	Ca_desig_scaffold	3729	[T/A]	NA
Ca_Desig_Chr_scaffold06132_3385	Ca_desig_scaffold	3385	[T/C]	NA
Ca_Desig_Chr_scaffold06163_1904	Ca_desig_scaffold	1904	[T/G]	NA
Ca_Desig_Chr_scaffold06163_1906	Ca_desig_scaffold	1906	[A/G]	NA
Ca_Desig_Chr_scaffold06163_1915	Ca_desig_scaffold	1915	[T/G]	NA
Ca_Desig_Chr_scaffold06163_1918	Ca_desig_scaffold	1918	[T/G]	NA
Ca_Desig_Chr_scaffold06163_1936	Ca_desig_scaffold	1936	[A/C]	NA
Ca_Desig_Chr_scaffold06163_1978	Ca_desig_scaffold	1978	[A/G]	NA
Ca_Desig_Chr_scaffold06176_1071	Ca_desig_scaffold	1071	[T/G]	NA
Ca_Desig_Chr_scaffold06176_1078	Ca_desig_scaffold	1078	[T/G]	NA
Ca_Desig_Chr_scaffold06205_5970	Ca_desig_scaffold	5970	[T/C]	NA
Ca_Desig_Chr_scaffold06208_2028	Ca_desig_scaffold	2028	[T/G]	NA
Ca_Desig_Chr_scaffold06209_4038	Ca_desig_scaffold	4038	[T/G]	NA
Ca_Desig_Chr_scaffold06209_4146	Ca_desig_scaffold	4146	[A/G]	NA
Ca_Desig_Chr_scaffold06209_4156	Ca_desig_scaffold	4156	[C/A]	NA
Ca_Desig_Chr_scaffold06209_4160	Ca_desig_scaffold	4160	[T/C]	NA
Ca_Desig_Chr_scaffold06209_4184	Ca_desig_scaffold	4184	[T/C]	NA
Ca_Desig_Chr_scaffold06222_1875	Ca_desig_scaffold	1875	[T/G]	NA
Ca_Desig_Chr_scaffold06222_1884	Ca_desig_scaffold	1884	[T/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold06222_1917	Ca_desig_scaffold	1917	[T/G]	NA
Ca_DesigChr_scaffold06222_6187	Ca_desig_scaffold	6187	[A/C]	NA
Ca_DesigChr_scaffold06240_2249	Ca_desig_scaffold	2249	[T/C]	NA
Ca_DesigChr_scaffold06240_2251	Ca_desig_scaffold	2251	[A/C]	NA
Ca_DesigChr_scaffold06240_2258	Ca_desig_scaffold	2258	[A/C]	NA
Ca_DesigChr_scaffold06240_2260	Ca_desig_scaffold	2260	[T/C]	NA
Ca_DesigChr_scaffold06240_2263	Ca_desig_scaffold	2263	[G/C]	NA
Ca_DesigChr_scaffold06242_6132	Ca_desig_scaffold	6132	[C/A]	NA
Ca_DesigChr_scaffold06269_5606	Ca_desig_scaffold	5606	[G/A]	NA
Ca_DesigChr_scaffold06276_6244	Ca_desig_scaffold	6244	[T/C]	NA
Ca_DesigChr_scaffold06324_8970	Ca_desig_scaffold	8970	[A/G]	NA
Ca_DesigChr_scaffold06358_5254	Ca_desig_scaffold	5254	[T/C]	NA
Ca_DesigChr_scaffold06358_5419	Ca_desig_scaffold	5419	[G/T]	NA
Ca_DesigChr_scaffold06358_5423	Ca_desig_scaffold	5423	[A/G]	NA
Ca_DesigChr_scaffold06358_5424	Ca_desig_scaffold	5424	[C/A]	NA
Ca_DesigChr_scaffold06358_5425	Ca_desig_scaffold	5425	[G/A]	NA
Ca_DesigChr_scaffold06358_5427	Ca_desig_scaffold	5427	[A/G]	NA
Ca_DesigChr_scaffold06358_5428	Ca_desig_scaffold	5428	[A/G]	NA
Ca_DesigChr_scaffold06358_5429	Ca_desig_scaffold	5429	[G/A]	NA
Ca_DesigChr_scaffold06358_5430	Ca_desig_scaffold	5430	[A/G]	NA
Ca_DesigChr_scaffold06358_5431	Ca_desig_scaffold	5431	[A/G]	NA
Ca_DesigChr_scaffold06358_5434	Ca_desig_scaffold	5434	[T/A]	NA
Ca_DesigChr_scaffold06358_5435	Ca_desig_scaffold	5435	[T/C]	NA
Ca_DesigChr_scaffold06358_5436	Ca_desig_scaffold	5436	[C/T]	NA
Ca_DesigChr_scaffold06358_5439	Ca_desig_scaffold	5439	[T/C]	NA
Ca_DesigChr_scaffold06358_5441	Ca_desig_scaffold	5441	[A/G]	NA
Ca_DesigChr_scaffold06358_5442	Ca_desig_scaffold	5442	[A/G]	NA
Ca_DesigChr_scaffold06358_5443	Ca_desig_scaffold	5443	[C/A]	NA
Ca_DesigChr_scaffold06358_5449	Ca_desig_scaffold	5449	[A/G]	NA
Ca_DesigChr_scaffold06358_5450	Ca_desig_scaffold	5450	[A/G]	NA
Ca_DesigChr_scaffold06358_5451	Ca_desig_scaffold	5451	[A/T]	NA
Ca_DesigChr_scaffold06358_5457	Ca_desig_scaffold	5457	[A/G]	NA
Ca_DesigChr_scaffold06358_5458	Ca_desig_scaffold	5458	[T/A]	NA
Ca_DesigChr_scaffold06358_5461	Ca_desig_scaffold	5461	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold06358_5465	Ca_desig_scaffold	5465	[T/C]	NA
Ca_Desig_Chr_scaffold06358_5466	Ca_desig_scaffold	5466	[G/T]	NA
Ca_Desig_Chr_scaffold06358_5472	Ca_desig_scaffold	5472	[T/C]	NA
Ca_Desig_Chr_scaffold06358_5478	Ca_desig_scaffold	5478	[T/C]	NA
Ca_Desig_Chr_scaffold06358_5480	Ca_desig_scaffold	5480	[A/G]	NA
Ca_Desig_Chr_scaffold06358_5481	Ca_desig_scaffold	5481	[A/G]	NA
Ca_Desig_Chr_scaffold06364_8688	Ca_desig_scaffold	8688	[C/A]	NA
Ca_Desig_Chr_scaffold06364_8689	Ca_desig_scaffold	8689	[T/G]	NA
Ca_Desig_Chr_scaffold06364_8690	Ca_desig_scaffold	8690	[G/A]	NA
Ca_Desig_Chr_scaffold06365_2837	Ca_desig_scaffold	2837	[T/C]	NA
Ca_Desig_Chr_scaffold06365_2856	Ca_desig_scaffold	2856	[A/C]	NA
Ca_Desig_Chr_scaffold06388_2021	Ca_desig_scaffold	2021	[G/A]	NA
Ca_Desig_Chr_scaffold06388_2023	Ca_desig_scaffold	2023	[G/A]	NA
Ca_Desig_Chr_scaffold06388_2028	Ca_desig_scaffold	2028	[G/A]	NA
Ca_Desig_Chr_scaffold06388_2038	Ca_desig_scaffold	2038	[C/T]	NA
Ca_Desig_Chr_scaffold06388_2039	Ca_desig_scaffold	2039	[G/C]	NA
Ca_Desig_Chr_scaffold06388_2045	Ca_desig_scaffold	2045	[G/A]	NA
Ca_Desig_Chr_scaffold06388_2050	Ca_desig_scaffold	2050	[G/A]	NA
Ca_Desig_Chr_scaffold06388_2066	Ca_desig_scaffold	2066	[G/A]	NA
Ca_Desig_Chr_scaffold06388_2822	Ca_desig_scaffold	2822	[T/C]	NA
Ca_Desig_Chr_scaffold06395_2619	Ca_desig_scaffold	2619	[C/A]	NA
Ca_Desig_Chr_scaffold06395_2620	Ca_desig_scaffold	2620	[T/G]	NA
Ca_Desig_Chr_scaffold06395_3495	Ca_desig_scaffold	3495	[T/C]	NA
Ca_Desig_Chr_scaffold06395_3505	Ca_desig_scaffold	3505	[A/G]	NA
Ca_Desig_Chr_scaffold06395_3512	Ca_desig_scaffold	3512	[A/G]	NA
Ca_Desig_Chr_scaffold06395_3520	Ca_desig_scaffold	3520	[T/C]	NA
Ca_Desig_Chr_scaffold06435_9064	Ca_desig_scaffold	9064	[A/C]	NA
Ca_Desig_Chr_scaffold06435_9067	Ca_desig_scaffold	9067	[A/C]	NA
Ca_Desig_Chr_scaffold06439_4093	Ca_desig_scaffold	4093	[A/G]	NA
Ca_Desig_Chr_scaffold06439_4105	Ca_desig_scaffold	4105	[A/G]	NA
Ca_Desig_Chr_scaffold06458_8031	Ca_desig_scaffold	8031	[A/G]	NA
Ca_Desig_Chr_scaffold06458_8051	Ca_desig_scaffold	8051	[A/C]	NA
Ca_Desig_Chr_scaffold06458_8071	Ca_desig_scaffold	8071	[T/C]	NA
Ca_Desig_Chr_scaffold06458_8081	Ca_desig_scaffold	8081	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold06458_8088	Ca_desi_scaffold	8088	[T/C]	NA
Ca_Desi_Ch_scaffold06459_2810	Ca_desi_scaffold	2810	[C/A]	NA
Ca_Desi_Ch_scaffold06459_2817	Ca_desi_scaffold	2817	[G/A]	NA
Ca_Desi_Ch_scaffold06472_2157	Ca_desi_scaffold	2157	[T/C]	NA
Ca_Desi_Ch_scaffold06472_2158	Ca_desi_scaffold	2158	[G/A]	NA
Ca_Desi_Ch_scaffold06509_501	Ca_desi_scaffold	501	[A/T]	NA
Ca_Desi_Ch_scaffold06521_2644	Ca_desi_scaffold	2644	[G/A]	NA
Ca_Desi_Ch_scaffold06521_2679	Ca_desi_scaffold	2679	[A/T]	NA
Ca_Desi_Ch_scaffold06521_2734	Ca_desi_scaffold	2734	[G/A]	NA
Ca_Desi_Ch_scaffold06521_2741	Ca_desi_scaffold	2741	[G/T]	NA
Ca_Desi_Ch_scaffold06521_2803	Ca_desi_scaffold	2803	[G/T]	NA
Ca_Desi_Ch_scaffold06546_3337	Ca_desi_scaffold	3337	[T/G]	NA
Ca_Desi_Ch_scaffold06546_3907	Ca_desi_scaffold	3907	[A/G]	NA
Ca_Desi_Ch_scaffold06546_3910	Ca_desi_scaffold	3910	[T/A]	NA
Ca_Desi_Ch_scaffold06546_3913	Ca_desi_scaffold	3913	[T/C]	NA
Ca_Desi_Ch_scaffold06546_3916	Ca_desi_scaffold	3916	[A/G]	NA
Ca_Desi_Ch_scaffold06546_3918	Ca_desi_scaffold	3918	[A/G]	NA
Ca_Desi_Ch_scaffold06546_3921	Ca_desi_scaffold	3921	[T/A]	NA
Ca_Desi_Ch_scaffold06546_3923	Ca_desi_scaffold	3923	[T/C]	NA
Ca_Desi_Ch_scaffold06546_3924	Ca_desi_scaffold	3924	[T/C]	NA
Ca_Desi_Ch_scaffold06546_3926	Ca_desi_scaffold	3926	[A/G]	NA
Ca_Desi_Ch_scaffold06546_3928	Ca_desi_scaffold	3928	[T/C]	NA
Ca_Desi_Ch_scaffold06546_3929	Ca_desi_scaffold	3929	[T/C]	NA
Ca_Desi_Ch_scaffold06546_3931	Ca_desi_scaffold	3931	[A/G]	NA
Ca_Desi_Ch_scaffold06546_3940	Ca_desi_scaffold	3940	[T/C]	NA
Ca_Desi_Ch_scaffold06546_3950	Ca_desi_scaffold	3950	[A/G]	NA
Ca_Desi_Ch_scaffold06546_3952	Ca_desi_scaffold	3952	[A/G]	NA
Ca_Desi_Ch_scaffold06546_3954	Ca_desi_scaffold	3954	[A/G]	NA
Ca_Desi_Ch_scaffold06546_3958	Ca_desi_scaffold	3958	[A/G]	NA
Ca_Desi_Ch_scaffold06546_3963	Ca_desi_scaffold	3963	[T/C]	NA
Ca_Desi_Ch_scaffold06546_4124	Ca_desi_scaffold	4124	[A/G]	NA
Ca_Desi_Ch_scaffold06546_4127	Ca_desi_scaffold	4127	[A/G]	NA
Ca_Desi_Ch_scaffold06546_4129	Ca_desi_scaffold	4129	[A/G]	NA
Ca_Desi_Ch_scaffold06546_4131	Ca_desi_scaffold	4131	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold06546_4136	Ca_desi_scaffold	4136	[A/G]	NA
Ca_Desi_Ch_scaffold06546_4138	Ca_desi_scaffold	4138	[A/G]	NA
Ca_Desi_Ch_scaffold06546_4144	Ca_desi_scaffold	4144	[T/C]	NA
Ca_Desi_Ch_scaffold06546_4145	Ca_desi_scaffold	4145	[T/C]	NA
Ca_Desi_Ch_scaffold06546_4147	Ca_desi_scaffold	4147	[T/C]	NA
Ca_Desi_Ch_scaffold06546_4148	Ca_desi_scaffold	4148	[T/C]	NA
Ca_Desi_Ch_scaffold06546_4149	Ca_desi_scaffold	4149	[T/C]	NA
Ca_Desi_Ch_scaffold06546_4150	Ca_desi_scaffold	4150	[C/T]	NA
Ca_Desi_Ch_scaffold06546_4151	Ca_desi_scaffold	4151	[A/G]	NA
Ca_Desi_Ch_scaffold06546_4152	Ca_desi_scaffold	4152	[C/A]	NA
Ca_Desi_Ch_scaffold06546_4161	Ca_desi_scaffold	4161	[T/C]	NA
Ca_Desi_Ch_scaffold06546_4164	Ca_desi_scaffold	4164	[A/G]	NA
Ca_Desi_Ch_scaffold06546_4169	Ca_desi_scaffold	4169	[G/T]	NA
Ca_Desi_Ch_scaffold06546_4173	Ca_desi_scaffold	4173	[T/C]	NA
Ca_Desi_Ch_scaffold06546_4175	Ca_desi_scaffold	4175	[T/C]	NA
Ca_Desi_Ch_scaffold06546_5166	Ca_desi_scaffold	5166	[C/A]	NA
Ca_Desi_Ch_scaffold06546_5167	Ca_desi_scaffold	5167	[T/G]	NA
Ca_Desi_Ch_scaffold06546_6268	Ca_desi_scaffold	6268	[T/C]	NA
Ca_Desi_Ch_scaffold06546_6292	Ca_desi_scaffold	6292	[T/G]	NA
Ca_Desi_Ch_scaffold06546_6302	Ca_desi_scaffold	6302	[A/G]	NA
Ca_Desi_Ch_scaffold06546_6304	Ca_desi_scaffold	6304	[T/G]	NA
Ca_Desi_Ch_scaffold06546_6307	Ca_desi_scaffold	6307	[A/G]	NA
Ca_Desi_Ch_scaffold06546_6510	Ca_desi_scaffold	6510	[A/C]	NA
Ca_Desi_Ch_scaffold06546_6543	Ca_desi_scaffold	6543	[A/T]	NA
Ca_Desi_Ch_scaffold06546_6545	Ca_desi_scaffold	6545	[A/C]	NA
Ca_Desi_Ch_scaffold06546_6585	Ca_desi_scaffold	6585	[C/A]	NA
Ca_Desi_Ch_scaffold06546_7085	Ca_desi_scaffold	7085	[A/C]	NA
Ca_Desi_Ch_scaffold06546_8839	Ca_desi_scaffold	8839	[A/G]	NA
Ca_Desi_Ch_scaffold06549_286	Ca_desi_scaffold	286	[A/T]	NA
Ca_Desi_Ch_scaffold06549_288	Ca_desi_scaffold	288	[T/C]	NA
Ca_Desi_Ch_scaffold06551_6332	Ca_desi_scaffold	6332	[A/C]	NA
Ca_Desi_Ch_scaffold06566_2596	Ca_desi_scaffold	2596	[A/G]	NA
Ca_Desi_Ch_scaffold06566_2600	Ca_desi_scaffold	2600	[T/C]	NA
Ca_Desi_Ch_scaffold06566_2613	Ca_desi_scaffold	2613	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold06566_2615	Ca_desi_scaffold	2615	[A/T]	NA
Ca_Desi_Ch_scaffold06566_2617	Ca_desi_scaffold	2617	[T/G]	NA
Ca_Desi_Ch_scaffold06566_2623	Ca_desi_scaffold	2623	[A/G]	NA
Ca_Desi_Ch_scaffold06566_2624	Ca_desi_scaffold	2624	[C/A]	NA
Ca_Desi_Ch_scaffold06566_2626	Ca_desi_scaffold	2626	[A/C]	NA
Ca_Desi_Ch_scaffold06566_2631	Ca_desi_scaffold	2631	[A/G]	NA
Ca_Desi_Ch_scaffold06566_2633	Ca_desi_scaffold	2633	[A/C]	NA
Ca_Desi_Ch_scaffold06566_2650	Ca_desi_scaffold	2650	[T/A]	NA
Ca_Desi_Ch_scaffold06566_6339	Ca_desi_scaffold	6339	[T/G]	NA
Ca_Desi_Ch_scaffold06572_670	Ca_desi_scaffold	670	[A/T]	NA
Ca_Desi_Ch_scaffold06592_3600	Ca_desi_scaffold	3600	[C/A]	NA
Ca_Desi_Ch_scaffold06592_3622	Ca_desi_scaffold	3622	[T/C]	NA
Ca_Desi_Ch_scaffold06592_3640	Ca_desi_scaffold	3640	[A/G]	NA
Ca_Desi_Ch_scaffold06592_3647	Ca_desi_scaffold	3647	[A/G]	NA
Ca_Desi_Ch_scaffold06592_3650	Ca_desi_scaffold	3650	[T/A]	NA
Ca_Desi_Ch_scaffold06592_3658	Ca_desi_scaffold	3658	[A/C]	NA
Ca_Desi_Ch_scaffold06592_3665	Ca_desi_scaffold	3665	[T/C]	NA
Ca_Desi_Ch_scaffold06592_3672	Ca_desi_scaffold	3672	[T/C]	NA
Ca_Desi_Ch_scaffold06592_3723	Ca_desi_scaffold	3723	[C/T]	NA
Ca_Desi_Ch_scaffold06592_4370	Ca_desi_scaffold	4370	[T/G]	NA
Ca_Desi_Ch_scaffold06595_2072	Ca_desi_scaffold	2072	[G/A]	NA
Ca_Desi_Ch_scaffold06595_2074	Ca_desi_scaffold	2074	[T/A]	NA
Ca_Desi_Ch_scaffold06595_3066	Ca_desi_scaffold	3066	[T/G]	NA
Ca_Desi_Ch_scaffold06595_3116	Ca_desi_scaffold	3116	[T/A]	NA
Ca_Desi_Ch_scaffold06595_3127	Ca_desi_scaffold	3127	[A/G]	NA
Ca_Desi_Ch_scaffold06595_3133	Ca_desi_scaffold	3133	[T/C]	NA
Ca_Desi_Ch_scaffold06595_3279	Ca_desi_scaffold	3279	[A/C]	NA
Ca_Desi_Ch_scaffold06595_3281	Ca_desi_scaffold	3281	[A/C]	NA
Ca_Desi_Ch_scaffold06595_4482	Ca_desi_scaffold	4482	[T/G]	NA
Ca_Desi_Ch_scaffold06595_4520	Ca_desi_scaffold	4520	[T/G]	NA
Ca_Desi_Ch_scaffold06595_4812	Ca_desi_scaffold	4812	[A/G]	NA
Ca_Desi_Ch_scaffold06595_4858	Ca_desi_scaffold	4858	[T/A]	NA
Ca_Desi_Ch_scaffold06595_4861	Ca_desi_scaffold	4861	[T/C]	NA
Ca_Desi_Ch_scaffold06595_4862	Ca_desi_scaffold	4862	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold06595_4863	Ca_desig_scaffold	4863	[T/C]	NA
Ca_DesigChr_scaffold06595_4865	Ca_desig_scaffold	4865	[T/C]	NA
Ca_DesigChr_scaffold06595_4866	Ca_desig_scaffold	4866	[C/T]	NA
Ca_DesigChr_scaffold06595_4867	Ca_desig_scaffold	4867	[T/C]	NA
Ca_DesigChr_scaffold06595_4868	Ca_desig_scaffold	4868	[A/G]	NA
Ca_DesigChr_scaffold06595_4869	Ca_desig_scaffold	4869	[T/C]	NA
Ca_DesigChr_scaffold06595_4870	Ca_desig_scaffold	4870	[T/C]	NA
Ca_DesigChr_scaffold06595_4871	Ca_desig_scaffold	4871	[T/C]	NA
Ca_DesigChr_scaffold06595_4872	Ca_desig_scaffold	4872	[G/A]	NA
Ca_DesigChr_scaffold06595_4873	Ca_desig_scaffold	4873	[G/A]	NA
Ca_DesigChr_scaffold06595_4874	Ca_desig_scaffold	4874	[C/T]	NA
Ca_DesigChr_scaffold06595_4875	Ca_desig_scaffold	4875	[A/G]	NA
Ca_DesigChr_scaffold06595_4876	Ca_desig_scaffold	4876	[A/G]	NA
Ca_DesigChr_scaffold06595_4877	Ca_desig_scaffold	4877	[A/G]	NA
Ca_DesigChr_scaffold06595_4878	Ca_desig_scaffold	4878	[G/A]	NA
Ca_DesigChr_scaffold06595_4879	Ca_desig_scaffold	4879	[C/T]	NA
Ca_DesigChr_scaffold06595_4880	Ca_desig_scaffold	4880	[A/G]	NA
Ca_DesigChr_scaffold06595_4881	Ca_desig_scaffold	4881	[A/G]	NA
Ca_DesigChr_scaffold06595_4883	Ca_desig_scaffold	4883	[G/A]	NA
Ca_DesigChr_scaffold06595_4884	Ca_desig_scaffold	4884	[G/A]	NA
Ca_DesigChr_scaffold06595_4886	Ca_desig_scaffold	4886	[A/G]	NA
Ca_DesigChr_scaffold06595_4887	Ca_desig_scaffold	4887	[G/A]	NA
Ca_DesigChr_scaffold06595_4888	Ca_desig_scaffold	4888	[A/G]	NA
Ca_DesigChr_scaffold06595_4889	Ca_desig_scaffold	4889	[T/A]	NA
Ca_DesigChr_scaffold06595_4890	Ca_desig_scaffold	4890	[A/G]	NA
Ca_DesigChr_scaffold06595_4891	Ca_desig_scaffold	4891	[T/C]	NA
Ca_DesigChr_scaffold06595_4892	Ca_desig_scaffold	4892	[G/A]	NA
Ca_DesigChr_scaffold06595_4894	Ca_desig_scaffold	4894	[A/G]	NA
Ca_DesigChr_scaffold06595_4895	Ca_desig_scaffold	4895	[T/C]	NA
Ca_DesigChr_scaffold06595_4896	Ca_desig_scaffold	4896	[C/T]	NA
Ca_DesigChr_scaffold06595_4897	Ca_desig_scaffold	4897	[C/T]	NA
Ca_DesigChr_scaffold06595_4898	Ca_desig_scaffold	4898	[A/G]	NA
Ca_DesigChr_scaffold06595_4899	Ca_desig_scaffold	4899	[C/T]	NA
Ca_DesigChr_scaffold06595_4900	Ca_desig_scaffold	4900	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold06595_4901	Ca_desig_scaffold	4901	[A/G]	NA
Ca_DesigChr_scaffold06595_4902	Ca_desig_scaffold	4902	[G/A]	NA
Ca_DesigChr_scaffold06595_4903	Ca_desig_scaffold	4903	[T/C]	NA
Ca_DesigChr_scaffold06595_4904	Ca_desig_scaffold	4904	[T/C]	NA
Ca_DesigChr_scaffold06595_4905	Ca_desig_scaffold	4905	[A/G]	NA
Ca_DesigChr_scaffold06595_4906	Ca_desig_scaffold	4906	[C/T]	NA
Ca_DesigChr_scaffold06595_4907	Ca_desig_scaffold	4907	[C/T]	NA
Ca_DesigChr_scaffold06595_4908	Ca_desig_scaffold	4908	[A/C]	NA
Ca_DesigChr_scaffold06595_4909	Ca_desig_scaffold	4909	[C/T]	NA
Ca_DesigChr_scaffold06595_4910	Ca_desig_scaffold	4910	[T/C]	NA
Ca_DesigChr_scaffold06595_4911	Ca_desig_scaffold	4911	[T/C]	NA
Ca_DesigChr_scaffold06595_4912	Ca_desig_scaffold	4912	[T/C]	NA
Ca_DesigChr_scaffold06595_4913	Ca_desig_scaffold	4913	[A/G]	NA
Ca_DesigChr_scaffold06595_4914	Ca_desig_scaffold	4914	[A/G]	NA
Ca_DesigChr_scaffold06595_4915	Ca_desig_scaffold	4915	[C/T]	NA
Ca_DesigChr_scaffold06595_4916	Ca_desig_scaffold	4916	[G/A]	NA
Ca_DesigChr_scaffold06595_4924	Ca_desig_scaffold	4924	[A/G]	NA
Ca_DesigChr_scaffold06595_4925	Ca_desig_scaffold	4925	[A/G]	NA
Ca_DesigChr_scaffold06595_4926	Ca_desig_scaffold	4926	[A/G]	NA
Ca_DesigChr_scaffold06595_4927	Ca_desig_scaffold	4927	[T/C]	NA
Ca_DesigChr_scaffold06595_4928	Ca_desig_scaffold	4928	[T/C]	NA
Ca_DesigChr_scaffold06595_4929	Ca_desig_scaffold	4929	[G/A]	NA
Ca_DesigChr_scaffold06595_4930	Ca_desig_scaffold	4930	[A/G]	NA
Ca_DesigChr_scaffold06595_4931	Ca_desig_scaffold	4931	[G/A]	NA
Ca_DesigChr_scaffold06595_4932	Ca_desig_scaffold	4932	[C/T]	NA
Ca_DesigChr_scaffold06595_4933	Ca_desig_scaffold	4933	[A/G]	NA
Ca_DesigChr_scaffold06595_4934	Ca_desig_scaffold	4934	[A/G]	NA
Ca_DesigChr_scaffold06595_4935	Ca_desig_scaffold	4935	[G/A]	NA
Ca_DesigChr_scaffold06595_4936	Ca_desig_scaffold	4936	[C/T]	NA
Ca_DesigChr_scaffold06595_4937	Ca_desig_scaffold	4937	[T/C]	NA
Ca_DesigChr_scaffold06595_4938	Ca_desig_scaffold	4938	[A/G]	NA
Ca_DesigChr_scaffold06595_4939	Ca_desig_scaffold	4939	[T/C]	NA
Ca_DesigChr_scaffold06595_4940	Ca_desig_scaffold	4940	[T/C]	NA
Ca_DesigChr_scaffold06595_4941	Ca_desig_scaffold	4941	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_scaffold06595_4942	Ca_desi_scaffold	4942	[T/C]	NA
Ca_Desi_Chr_scaffold06595_4943	Ca_desi_scaffold	4943	[T/C]	NA
Ca_Desi_Chr_scaffold06595_4944	Ca_desi_scaffold	4944	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4945	Ca_desi_scaffold	4945	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4946	Ca_desi_scaffold	4946	[T/C]	NA
Ca_Desi_Chr_scaffold06595_4948	Ca_desi_scaffold	4948	[T/C]	NA
Ca_Desi_Chr_scaffold06595_4949	Ca_desi_scaffold	4949	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4951	Ca_desi_scaffold	4951	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4952	Ca_desi_scaffold	4952	[G/A]	NA
Ca_Desi_Chr_scaffold06595_4953	Ca_desi_scaffold	4953	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4954	Ca_desi_scaffold	4954	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4955	Ca_desi_scaffold	4955	[C/T]	NA
Ca_Desi_Chr_scaffold06595_4956	Ca_desi_scaffold	4956	[G/A]	NA
Ca_Desi_Chr_scaffold06595_4957	Ca_desi_scaffold	4957	[C/T]	NA
Ca_Desi_Chr_scaffold06595_4958	Ca_desi_scaffold	4958	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4959	Ca_desi_scaffold	4959	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4960	Ca_desi_scaffold	4960	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4962	Ca_desi_scaffold	4962	[C/T]	NA
Ca_Desi_Chr_scaffold06595_4963	Ca_desi_scaffold	4963	[T/C]	NA
Ca_Desi_Chr_scaffold06595_4964	Ca_desi_scaffold	4964	[C/T]	NA
Ca_Desi_Chr_scaffold06595_4965	Ca_desi_scaffold	4965	[C/T]	NA
Ca_Desi_Chr_scaffold06595_4966	Ca_desi_scaffold	4966	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4967	Ca_desi_scaffold	4967	[G/A]	NA
Ca_Desi_Chr_scaffold06595_4968	Ca_desi_scaffold	4968	[C/T]	NA
Ca_Desi_Chr_scaffold06595_4969	Ca_desi_scaffold	4969	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4970	Ca_desi_scaffold	4970	[G/A]	NA
Ca_Desi_Chr_scaffold06595_4971	Ca_desi_scaffold	4971	[G/A]	NA
Ca_Desi_Chr_scaffold06595_4972	Ca_desi_scaffold	4972	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4973	Ca_desi_scaffold	4973	[G/A]	NA
Ca_Desi_Chr_scaffold06595_4974	Ca_desi_scaffold	4974	[C/T]	NA
Ca_Desi_Chr_scaffold06595_4975	Ca_desi_scaffold	4975	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4976	Ca_desi_scaffold	4976	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4977	Ca_desi_scaffold	4977	[A/G]	NA
Ca_Desi_Chr_scaffold06595_4978	Ca_desi_scaffold	4978	[C/T]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold06595_4979	Ca_desi_scaffold	4979	[C/T]	NA
Ca_Desi_Ch_scaffold06595_4980	Ca_desi_scaffold	4980	[C/T]	NA
Ca_Desi_Ch_scaffold06595_4981	Ca_desi_scaffold	4981	[T/C]	NA
Ca_Desi_Ch_scaffold06595_4982	Ca_desi_scaffold	4982	[G/A]	NA
Ca_Desi_Ch_scaffold06595_4985	Ca_desi_scaffold	4985	[T/A]	NA
Ca_Desi_Ch_scaffold06604_479	Ca_desi_scaffold	479	[T/C]	NA
Ca_Desi_Ch_scaffold06604_496	Ca_desi_scaffold	496	[G/A]	NA
Ca_Desi_Ch_scaffold06604_501	Ca_desi_scaffold	501	[T/C]	NA
Ca_Desi_Ch_scaffold06610_303	Ca_desi_scaffold	303	[T/C]	NA
Ca_Desi_Ch_scaffold06610_305	Ca_desi_scaffold	305	[T/C]	NA
Ca_Desi_Ch_scaffold06610_310	Ca_desi_scaffold	310	[A/G]	NA
Ca_Desi_Ch_scaffold06610_318	Ca_desi_scaffold	318	[T/C]	NA
Ca_Desi_Ch_scaffold06610_321	Ca_desi_scaffold	321	[A/G]	NA
Ca_Desi_Ch_scaffold06610_323	Ca_desi_scaffold	323	[A/G]	NA
Ca_Desi_Ch_scaffold06610_329	Ca_desi_scaffold	329	[A/G]	NA
Ca_Desi_Ch_scaffold06610_336	Ca_desi_scaffold	336	[T/G]	NA
Ca_Desi_Ch_scaffold06642_7030	Ca_desi_scaffold	7030	[T/G]	NA
Ca_Desi_Ch_scaffold06664_2741	Ca_desi_scaffold	2741	[A/T]	NA
Ca_Desi_Ch_scaffold06685_7870	Ca_desi_scaffold	7870	[C/T]	NA
Ca_Desi_Ch_scaffold06698_4032	Ca_desi_scaffold	4032	[G/T]	NA
Ca_Desi_Ch_scaffold06790_7969	Ca_desi_scaffold	7969	[T/C]	NA
Ca_Desi_Ch_scaffold06822_1484	Ca_desi_scaffold	1484	[A/C]	NA
Ca_Desi_Ch_scaffold06834_7906	Ca_desi_scaffold	7906	[T/A]	NA
Ca_Desi_Ch_scaffold06834_7982	Ca_desi_scaffold	7982	[T/C]	NA
Ca_Desi_Ch_scaffold06834_7985	Ca_desi_scaffold	7985	[C/G]	NA
Ca_Desi_Ch_scaffold06834_7987	Ca_desi_scaffold	7987	[C/A]	NA
Ca_Desi_Ch_scaffold06873_7834	Ca_desi_scaffold	7834	[T/G]	NA
Ca_Desi_Ch_scaffold06895_4683	Ca_desi_scaffold	4683	[A/T]	NA
Ca_Desi_Ch_scaffold06898_1650	Ca_desi_scaffold	1650	[T/G]	NA
Ca_Desi_Ch_scaffold06911_3686	Ca_desi_scaffold	3686	[A/C]	NA
Ca_Desi_Ch_scaffold06911_3711	Ca_desi_scaffold	3711	[T/C]	NA
Ca_Desi_Ch_scaffold06911_3719	Ca_desi_scaffold	3719	[A/G]	NA
Ca_Desi_Ch_scaffold06950_3294	Ca_desi_scaffold	3294	[C/A]	NA
Ca_Desi_Ch_scaffold06951_4617	Ca_desi_scaffold	4617	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold06951_4629	Ca_desi_scaffold	4629	[T/C]	NA
Ca_Desi_Ch_scaffold06951_4641	Ca_desi_scaffold	4641	[T/C]	NA
Ca_Desi_Ch_scaffold06951_4682	Ca_desi_scaffold	4682	[A/G]	NA
Ca_Desi_Ch_scaffold06955_2006	Ca_desi_scaffold	2006	[G/A]	NA
Ca_Desi_Ch_scaffold06962_2372	Ca_desi_scaffold	2372	[A/G]	NA
Ca_Desi_Ch_scaffold06962_2393	Ca_desi_scaffold	2393	[C/T]	NA
Ca_Desi_Ch_scaffold06962_2400	Ca_desi_scaffold	2400	[A/T]	NA
Ca_Desi_Ch_scaffold06978_5206	Ca_desi_scaffold	5206	[G/A]	NA
Ca_Desi_Ch_scaffold06978_5207	Ca_desi_scaffold	5207	[A/T]	NA
Ca_Desi_Ch_scaffold06978_5208	Ca_desi_scaffold	5208	[T/C]	NA
Ca_Desi_Ch_scaffold06978_5209	Ca_desi_scaffold	5209	[G/T]	NA
Ca_Desi_Ch_scaffold06978_6758	Ca_desi_scaffold	6758	[T/G]	NA
Ca_Desi_Ch_scaffold07031_1985	Ca_desi_scaffold	1985	[T/G]	NA
Ca_Desi_Ch_scaffold07031_2081	Ca_desi_scaffold	2081	[T/C]	NA
Ca_Desi_Ch_scaffold07031_2083	Ca_desi_scaffold	2083	[T/G]	NA
Ca_Desi_Ch_scaffold07031_2759	Ca_desi_scaffold	2759	[T/C]	NA
Ca_Desi_Ch_scaffold07031_2985	Ca_desi_scaffold	2985	[G/T]	NA
Ca_Desi_Ch_scaffold07031_7594	Ca_desi_scaffold	7594	[T/C]	NA
Ca_Desi_Ch_scaffold07031_7596	Ca_desi_scaffold	7596	[A/C]	NA
Ca_Desi_Ch_scaffold07031_7605	Ca_desi_scaffold	7605	[T/G]	NA
Ca_Desi_Ch_scaffold07031_7614	Ca_desi_scaffold	7614	[A/G]	NA
Ca_Desi_Ch_scaffold07031_7637	Ca_desi_scaffold	7637	[T/C]	NA
Ca_Desi_Ch_scaffold07031_7684	Ca_desi_scaffold	7684	[A/G]	NA
Ca_Desi_Ch_scaffold07036_1533	Ca_desi_scaffold	1533	[T/C]	NA
Ca_Desi_Ch_scaffold07049_1502	Ca_desi_scaffold	1502	[G/T]	NA
Ca_Desi_Ch_scaffold07085_5392	Ca_desi_scaffold	5392	[T/G]	NA
Ca_Desi_Ch_scaffold07140_2661	Ca_desi_scaffold	2661	[T/A]	NA
Ca_Desi_Ch_scaffold07154_6925	Ca_desi_scaffold	6925	[A/C]	NA
Ca_Desi_Ch_scaffold07154_6934	Ca_desi_scaffold	6934	[C/T]	NA
Ca_Desi_Ch_scaffold07154_6943	Ca_desi_scaffold	6943	[C/A]	NA
Ca_Desi_Ch_scaffold07200_7204	Ca_desi_scaffold	7204	[C/T]	NA
Ca_Desi_Ch_scaffold07209_2089	Ca_desi_scaffold	2089	[A/C]	NA
Ca_Desi_Ch_scaffold07209_2149	Ca_desi_scaffold	2149	[A/G]	NA
Ca_Desi_Ch_scaffold07209_2151	Ca_desi_scaffold	2151	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold07220_1734	Ca_desig_scaffold	1734	[T/C]	NA
Ca_Desig_Chr_scaffold07220_1810	Ca_desig_scaffold	1810	[T/C]	NA
Ca_Desig_Chr_scaffold07289_928	Ca_desig_scaffold	928	[T/C]	NA
Ca_Desig_Chr_scaffold07289_1085	Ca_desig_scaffold	1085	[G/C]	NA
Ca_Desig_Chr_scaffold07289_3950	Ca_desig_scaffold	3950	[C/T]	NA
Ca_Desig_Chr_scaffold07289_3952	Ca_desig_scaffold	3952	[T/A]	NA
Ca_Desig_Chr_scaffold07289_3968	Ca_desig_scaffold	3968	[G/C]	NA
Ca_Desig_Chr_scaffold07289_4068	Ca_desig_scaffold	4068	[G/T]	NA
Ca_Desig_Chr_scaffold07289_4097	Ca_desig_scaffold	4097	[T/C]	NA
Ca_Desig_Chr_scaffold07289_4117	Ca_desig_scaffold	4117	[T/A]	NA
Ca_Desig_Chr_scaffold07289_4208	Ca_desig_scaffold	4208	[A/C]	NA
Ca_Desig_Chr_scaffold07289_4213	Ca_desig_scaffold	4213	[T/C]	NA
Ca_Desig_Chr_scaffold07289_4396	Ca_desig_scaffold	4396	[C/T]	NA
Ca_Desig_Chr_scaffold07289_4411	Ca_desig_scaffold	4411	[T/C]	NA
Ca_Desig_Chr_scaffold07293_5381	Ca_desig_scaffold	5381	[A/G]	NA
Ca_Desig_Chr_scaffold07304_5659	Ca_desig_scaffold	5659	[T/C]	NA
Ca_Desig_Chr_scaffold07363_2683	Ca_desig_scaffold	2683	[A/T]	NA
Ca_Desig_Chr_scaffold07363_2684	Ca_desig_scaffold	2684	[T/G]	NA
Ca_Desig_Chr_scaffold07363_2685	Ca_desig_scaffold	2685	[C/G]	NA
Ca_Desig_Chr_scaffold07363_2686	Ca_desig_scaffold	2686	[T/G]	NA
Ca_Desig_Chr_scaffold07369_2281	Ca_desig_scaffold	2281	[C/A]	NA
Ca_Desig_Chr_scaffold07369_4522	Ca_desig_scaffold	4522	[T/C]	NA
Ca_Desig_Chr_scaffold07369_4524	Ca_desig_scaffold	4524	[T/C]	NA
Ca_Desig_Chr_scaffold07369_4540	Ca_desig_scaffold	4540	[A/G]	NA
Ca_Desig_Chr_scaffold07369_4560	Ca_desig_scaffold	4560	[T/G]	NA
Ca_Desig_Chr_scaffold07369_4570	Ca_desig_scaffold	4570	[A/G]	NA
Ca_Desig_Chr_scaffold07374_6419	Ca_desig_scaffold	6419	[A/T]	NA
Ca_Desig_Chr_scaffold07374_6442	Ca_desig_scaffold	6442	[T/C]	NA
Ca_Desig_Chr_scaffold07374_6445	Ca_desig_scaffold	6445	[A/G]	NA
Ca_Desig_Chr_scaffold07374_6454	Ca_desig_scaffold	6454	[T/C]	NA
Ca_Desig_Chr_scaffold07374_6468	Ca_desig_scaffold	6468	[T/A]	NA
Ca_Desig_Chr_scaffold07407_3817	Ca_desig_scaffold	3817	[A/T]	NA
Ca_Desig_Chr_scaffold07420_2666	Ca_desig_scaffold	2666	[C/T]	NA
Ca_Desig_Chr_scaffold07423_3371	Ca_desig_scaffold	3371	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold07427_6901	Ca_desi_scaffold	6901	[T/A]	NA
Ca_Desi_Chromosome_scaffold07487_3379	Ca_desi_scaffold	3379	[G/A]	NA
Ca_Desi_Chromosome_scaffold07487_3385	Ca_desi_scaffold	3385	[G/C]	NA
Ca_Desi_Chromosome_scaffold07487_3410	Ca_desi_scaffold	3410	[A/C]	NA
Ca_Desi_Chromosome_scaffold07506_697	Ca_desi_scaffold	697	[C/G]	NA
Ca_Desi_Chromosome_scaffold07506_715	Ca_desi_scaffold	715	[G/A]	NA
Ca_Desi_Chromosome_scaffold07506_720	Ca_desi_scaffold	720	[A/G]	NA
Ca_Desi_Chromosome_scaffold07506_755	Ca_desi_scaffold	755	[T/A]	NA
Ca_Desi_Chromosome_scaffold07506_759	Ca_desi_scaffold	759	[A/G]	NA
Ca_Desi_Chromosome_scaffold07511_3460	Ca_desi_scaffold	3460	[G/T]	NA
Ca_Desi_Chromosome_scaffold07535_5758	Ca_desi_scaffold	5758	[A/C]	NA
Ca_Desi_Chromosome_scaffold07535_5759	Ca_desi_scaffold	5759	[G/T]	NA
Ca_Desi_Chromosome_scaffold07577_4158	Ca_desi_scaffold	4158	[C/T]	NA
Ca_Desi_Chromosome_scaffold07577_4191	Ca_desi_scaffold	4191	[T/G]	NA
Ca_Desi_Chromosome_scaffold07577_4210	Ca_desi_scaffold	4210	[G/T]	NA
Ca_Desi_Chromosome_scaffold07577_4228	Ca_desi_scaffold	4228	[A/G]	NA
Ca_Desi_Chromosome_scaffold07577_4235	Ca_desi_scaffold	4235	[T/G]	NA
Ca_Desi_Chromosome_scaffold07577_4240	Ca_desi_scaffold	4240	[T/A]	NA
Ca_Desi_Chromosome_scaffold07581_5635	Ca_desi_scaffold	5635	[A/G]	NA
Ca_Desi_Chromosome_scaffold07582_4667	Ca_desi_scaffold	4667	[A/C]	NA
Ca_Desi_Chromosome_scaffold07582_5367	Ca_desi_scaffold	5367	[A/G]	NA
Ca_Desi_Chromosome_scaffold07582_5504	Ca_desi_scaffold	5504	[A/C]	NA
Ca_Desi_Chromosome_scaffold07582_5535	Ca_desi_scaffold	5535	[G/A]	NA
Ca_Desi_Chromosome_scaffold07582_5538	Ca_desi_scaffold	5538	[G/A]	NA
Ca_Desi_Chromosome_scaffold07582_5540	Ca_desi_scaffold	5540	[G/A]	NA
Ca_Desi_Chromosome_scaffold07588_6565	Ca_desi_scaffold	6565	[A/G]	NA
Ca_Desi_Chromosome_scaffold07588_6574	Ca_desi_scaffold	6574	[T/G]	NA
Ca_Desi_Chromosome_scaffold07588_6593	Ca_desi_scaffold	6593	[T/C]	NA
Ca_Desi_Chromosome_scaffold07588_6606	Ca_desi_scaffold	6606	[G/A]	NA
Ca_Desi_Chromosome_scaffold07588_6611	Ca_desi_scaffold	6611	[G/A]	NA
Ca_Desi_Chromosome_scaffold07708_3346	Ca_desi_scaffold	3346	[T/G]	NA
Ca_Desi_Chromosome_scaffold07708_3361	Ca_desi_scaffold	3361	[A/G]	NA
Ca_Desi_Chromosome_scaffold07732_198	Ca_desi_scaffold	198	[G/T]	NA
Ca_Desi_Chromosome_scaffold07757_6442	Ca_desi_scaffold	6442	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold07757_6450	Ca_desi_scaffold	6450	[T/G]	NA
Ca_Desi_Ch_scaffold07800_40	Ca_desi_scaffold	40	[A/G]	NA
Ca_Desi_Ch_scaffold07800_42	Ca_desi_scaffold	42	[A/G]	NA
Ca_Desi_Ch_scaffold07800_60	Ca_desi_scaffold	60	[T/C]	NA
Ca_Desi_Ch_scaffold07800_229	Ca_desi_scaffold	229	[A/C]	NA
Ca_Desi_Ch_scaffold07800_236	Ca_desi_scaffold	236	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1666	Ca_desi_scaffold	1666	[T/C]	NA
Ca_Desi_Ch_scaffold07800_1667	Ca_desi_scaffold	1667	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1668	Ca_desi_scaffold	1668	[T/C]	NA
Ca_Desi_Ch_scaffold07800_1669	Ca_desi_scaffold	1669	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1670	Ca_desi_scaffold	1670	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1671	Ca_desi_scaffold	1671	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1672	Ca_desi_scaffold	1672	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1673	Ca_desi_scaffold	1673	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1674	Ca_desi_scaffold	1674	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1677	Ca_desi_scaffold	1677	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1679	Ca_desi_scaffold	1679	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1681	Ca_desi_scaffold	1681	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1683	Ca_desi_scaffold	1683	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1686	Ca_desi_scaffold	1686	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1687	Ca_desi_scaffold	1687	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1688	Ca_desi_scaffold	1688	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1689	Ca_desi_scaffold	1689	[T/C]	NA
Ca_Desi_Ch_scaffold07800_1690	Ca_desi_scaffold	1690	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1691	Ca_desi_scaffold	1691	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1695	Ca_desi_scaffold	1695	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1696	Ca_desi_scaffold	1696	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1697	Ca_desi_scaffold	1697	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1698	Ca_desi_scaffold	1698	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1699	Ca_desi_scaffold	1699	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1705	Ca_desi_scaffold	1705	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1706	Ca_desi_scaffold	1706	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1707	Ca_desi_scaffold	1707	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1708	Ca_desi_scaffold	1708	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold07800_1710	Ca_desi_scaffold	1710	[C/A]	NA
Ca_Desi_Ch_scaffold07800_1711	Ca_desi_scaffold	1711	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1712	Ca_desi_scaffold	1712	[T/C]	NA
Ca_Desi_Ch_scaffold07800_1713	Ca_desi_scaffold	1713	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1714	Ca_desi_scaffold	1714	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1715	Ca_desi_scaffold	1715	[T/C]	NA
Ca_Desi_Ch_scaffold07800_1716	Ca_desi_scaffold	1716	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1717	Ca_desi_scaffold	1717	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1720	Ca_desi_scaffold	1720	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1721	Ca_desi_scaffold	1721	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1722	Ca_desi_scaffold	1722	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1723	Ca_desi_scaffold	1723	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1724	Ca_desi_scaffold	1724	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1860	Ca_desi_scaffold	1860	[T/C]	NA
Ca_Desi_Ch_scaffold07800_1861	Ca_desi_scaffold	1861	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1862	Ca_desi_scaffold	1862	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1865	Ca_desi_scaffold	1865	[T/C]	NA
Ca_Desi_Ch_scaffold07800_1866	Ca_desi_scaffold	1866	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1867	Ca_desi_scaffold	1867	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1868	Ca_desi_scaffold	1868	[G/C]	NA
Ca_Desi_Ch_scaffold07800_1870	Ca_desi_scaffold	1870	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1871	Ca_desi_scaffold	1871	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1872	Ca_desi_scaffold	1872	[C/T]	NA
Ca_Desi_Ch_scaffold07800_1873	Ca_desi_scaffold	1873	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1877	Ca_desi_scaffold	1877	[T/C]	NA
Ca_Desi_Ch_scaffold07800_1879	Ca_desi_scaffold	1879	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1880	Ca_desi_scaffold	1880	[T/C]	NA
Ca_Desi_Ch_scaffold07800_1881	Ca_desi_scaffold	1881	[G/A]	NA
Ca_Desi_Ch_scaffold07800_1882	Ca_desi_scaffold	1882	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1883	Ca_desi_scaffold	1883	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1885	Ca_desi_scaffold	1885	[T/C]	NA
Ca_Desi_Ch_scaffold07800_1886	Ca_desi_scaffold	1886	[G/T]	NA
Ca_Desi_Ch_scaffold07800_1887	Ca_desi_scaffold	1887	[A/G]	NA
Ca_Desi_Ch_scaffold07800_1888	Ca_desi_scaffold	1888	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold07800_1889	Ca_desig_scaffold	1889	[C/T]	NA
Ca_Desig_Chr_scaffold07800_1890	Ca_desig_scaffold	1890	[T/C]	NA
Ca_Desig_Chr_scaffold07800_1891	Ca_desig_scaffold	1891	[T/C]	NA
Ca_Desig_Chr_scaffold07800_1893	Ca_desig_scaffold	1893	[G/T]	NA
Ca_Desig_Chr_scaffold07800_1894	Ca_desig_scaffold	1894	[T/A]	NA
Ca_Desig_Chr_scaffold07800_1895	Ca_desig_scaffold	1895	[T/C]	NA
Ca_Desig_Chr_scaffold07800_1897	Ca_desig_scaffold	1897	[C/T]	NA
Ca_Desig_Chr_scaffold07800_1899	Ca_desig_scaffold	1899	[T/C]	NA
Ca_Desig_Chr_scaffold07800_1900	Ca_desig_scaffold	1900	[T/C]	NA
Ca_Desig_Chr_scaffold07800_1901	Ca_desig_scaffold	1901	[C/T]	NA
Ca_Desig_Chr_scaffold07800_1904	Ca_desig_scaffold	1904	[G/A]	NA
Ca_Desig_Chr_scaffold07800_1905	Ca_desig_scaffold	1905	[C/T]	NA
Ca_Desig_Chr_scaffold07800_1906	Ca_desig_scaffold	1906	[G/A]	NA
Ca_Desig_Chr_scaffold07800_1907	Ca_desig_scaffold	1907	[C/T]	NA
Ca_Desig_Chr_scaffold07800_1908	Ca_desig_scaffold	1908	[G/A]	NA
Ca_Desig_Chr_scaffold07800_1909	Ca_desig_scaffold	1909	[C/T]	NA
Ca_Desig_Chr_scaffold07800_1911	Ca_desig_scaffold	1911	[A/G]	NA
Ca_Desig_Chr_scaffold07800_1912	Ca_desig_scaffold	1912	[A/G]	NA
Ca_Desig_Chr_scaffold07800_1916	Ca_desig_scaffold	1916	[A/G]	NA
Ca_Desig_Chr_scaffold07800_1917	Ca_desig_scaffold	1917	[A/G]	NA
Ca_Desig_Chr_scaffold07800_1918	Ca_desig_scaffold	1918	[T/C]	NA
Ca_Desig_Chr_scaffold07800_1919	Ca_desig_scaffold	1919	[G/A]	NA
Ca_Desig_Chr_scaffold07800_1922	Ca_desig_scaffold	1922	[C/T]	NA
Ca_Desig_Chr_scaffold07800_2083	Ca_desig_scaffold	2083	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2092	Ca_desig_scaffold	2092	[A/T]	NA
Ca_Desig_Chr_scaffold07800_2093	Ca_desig_scaffold	2093	[T/G]	NA
Ca_Desig_Chr_scaffold07800_2095	Ca_desig_scaffold	2095	[G/T]	NA
Ca_Desig_Chr_scaffold07800_2101	Ca_desig_scaffold	2101	[T/C]	NA
Ca_Desig_Chr_scaffold07800_2105	Ca_desig_scaffold	2105	[A/C]	NA
Ca_Desig_Chr_scaffold07800_2107	Ca_desig_scaffold	2107	[G/A]	NA
Ca_Desig_Chr_scaffold07800_2108	Ca_desig_scaffold	2108	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2112	Ca_desig_scaffold	2112	[G/A]	NA
Ca_Desig_Chr_scaffold07800_2113	Ca_desig_scaffold	2113	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2114	Ca_desig_scaffold	2114	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold07800_2125	Ca_desi_scaffold	2125	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2132	Ca_desi_scaffold	2132	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2133	Ca_desi_scaffold	2133	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2140	Ca_desi_scaffold	2140	[C/G]	NA
Ca_Desi_Ch_scaffold07800_2148	Ca_desi_scaffold	2148	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2149	Ca_desi_scaffold	2149	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2151	Ca_desi_scaffold	2151	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2154	Ca_desi_scaffold	2154	[G/A]	NA
Ca_Desi_Ch_scaffold07800_2157	Ca_desi_scaffold	2157	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2158	Ca_desi_scaffold	2158	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2159	Ca_desi_scaffold	2159	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2160	Ca_desi_scaffold	2160	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2162	Ca_desi_scaffold	2162	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2164	Ca_desi_scaffold	2164	[T/G]	NA
Ca_Desi_Ch_scaffold07800_2167	Ca_desi_scaffold	2167	[G/A]	NA
Ca_Desi_Ch_scaffold07800_2168	Ca_desi_scaffold	2168	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2169	Ca_desi_scaffold	2169	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2171	Ca_desi_scaffold	2171	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2173	Ca_desi_scaffold	2173	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2174	Ca_desi_scaffold	2174	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2175	Ca_desi_scaffold	2175	[C/T]	NA
Ca_Desi_Ch_scaffold07800_2176	Ca_desi_scaffold	2176	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2182	Ca_desi_scaffold	2182	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2184	Ca_desi_scaffold	2184	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2186	Ca_desi_scaffold	2186	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2191	Ca_desi_scaffold	2191	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2193	Ca_desi_scaffold	2193	[C/T]	NA
Ca_Desi_Ch_scaffold07800_2194	Ca_desi_scaffold	2194	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2195	Ca_desi_scaffold	2195	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2200	Ca_desi_scaffold	2200	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2201	Ca_desi_scaffold	2201	[C/T]	NA
Ca_Desi_Ch_scaffold07800_2203	Ca_desi_scaffold	2203	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2204	Ca_desi_scaffold	2204	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2276	Ca_desi_scaffold	2276	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold07800_2289	Ca_desig_scaffold	2289	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2409	Ca_desig_scaffold	2409	[T/C]	NA
Ca_Desig_Chr_scaffold07800_2414	Ca_desig_scaffold	2414	[T/C]	NA
Ca_Desig_Chr_scaffold07800_2425	Ca_desig_scaffold	2425	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2429	Ca_desig_scaffold	2429	[T/C]	NA
Ca_Desig_Chr_scaffold07800_2435	Ca_desig_scaffold	2435	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2438	Ca_desig_scaffold	2438	[T/C]	NA
Ca_Desig_Chr_scaffold07800_2441	Ca_desig_scaffold	2441	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2444	Ca_desig_scaffold	2444	[A/T]	NA
Ca_Desig_Chr_scaffold07800_2453	Ca_desig_scaffold	2453	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2457	Ca_desig_scaffold	2457	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2460	Ca_desig_scaffold	2460	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2462	Ca_desig_scaffold	2462	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2466	Ca_desig_scaffold	2466	[T/A]	NA
Ca_Desig_Chr_scaffold07800_2469	Ca_desig_scaffold	2469	[T/C]	NA
Ca_Desig_Chr_scaffold07800_2481	Ca_desig_scaffold	2481	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2482	Ca_desig_scaffold	2482	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2484	Ca_desig_scaffold	2484	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2485	Ca_desig_scaffold	2485	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2494	Ca_desig_scaffold	2494	[T/C]	NA
Ca_Desig_Chr_scaffold07800_2497	Ca_desig_scaffold	2497	[A/C]	NA
Ca_Desig_Chr_scaffold07800_2500	Ca_desig_scaffold	2500	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2502	Ca_desig_scaffold	2502	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2508	Ca_desig_scaffold	2508	[T/C]	NA
Ca_Desig_Chr_scaffold07800_2510	Ca_desig_scaffold	2510	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2512	Ca_desig_scaffold	2512	[C/A]	NA
Ca_Desig_Chr_scaffold07800_2513	Ca_desig_scaffold	2513	[T/G]	NA
Ca_Desig_Chr_scaffold07800_2534	Ca_desig_scaffold	2534	[A/G]	NA
Ca_Desig_Chr_scaffold07800_2568	Ca_desig_scaffold	2568	[T/G]	NA
Ca_Desig_Chr_scaffold07800_2573	Ca_desig_scaffold	2573	[G/T]	NA
Ca_Desig_Chr_scaffold07800_2574	Ca_desig_scaffold	2574	[C/T]	NA
Ca_Desig_Chr_scaffold07800_2575	Ca_desig_scaffold	2575	[T/C]	NA
Ca_Desig_Chr_scaffold07800_2576	Ca_desig_scaffold	2576	[G/A]	NA
Ca_Desig_Chr_scaffold07800_2577	Ca_desig_scaffold	2577	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold07800_2578	Ca_desi_scaffold	2578	[G/A]	NA
Ca_Desi_Ch_scaffold07800_2579	Ca_desi_scaffold	2579	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2580	Ca_desi_scaffold	2580	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2582	Ca_desi_scaffold	2582	[G/A]	NA
Ca_Desi_Ch_scaffold07800_2583	Ca_desi_scaffold	2583	[G/A]	NA
Ca_Desi_Ch_scaffold07800_2584	Ca_desi_scaffold	2584	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2585	Ca_desi_scaffold	2585	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2586	Ca_desi_scaffold	2586	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2587	Ca_desi_scaffold	2587	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2589	Ca_desi_scaffold	2589	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2590	Ca_desi_scaffold	2590	[G/A]	NA
Ca_Desi_Ch_scaffold07800_2591	Ca_desi_scaffold	2591	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2592	Ca_desi_scaffold	2592	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2593	Ca_desi_scaffold	2593	[C/T]	NA
Ca_Desi_Ch_scaffold07800_2594	Ca_desi_scaffold	2594	[G/A]	NA
Ca_Desi_Ch_scaffold07800_2595	Ca_desi_scaffold	2595	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2596	Ca_desi_scaffold	2596	[G/A]	NA
Ca_Desi_Ch_scaffold07800_2597	Ca_desi_scaffold	2597	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2598	Ca_desi_scaffold	2598	[C/T]	NA
Ca_Desi_Ch_scaffold07800_2599	Ca_desi_scaffold	2599	[C/T]	NA
Ca_Desi_Ch_scaffold07800_2600	Ca_desi_scaffold	2600	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2601	Ca_desi_scaffold	2601	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2602	Ca_desi_scaffold	2602	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2603	Ca_desi_scaffold	2603	[G/A]	NA
Ca_Desi_Ch_scaffold07800_2604	Ca_desi_scaffold	2604	[G/A]	NA
Ca_Desi_Ch_scaffold07800_2605	Ca_desi_scaffold	2605	[T/C]	NA
Ca_Desi_Ch_scaffold07800_2606	Ca_desi_scaffold	2606	[G/A]	NA
Ca_Desi_Ch_scaffold07800_2607	Ca_desi_scaffold	2607	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2608	Ca_desi_scaffold	2608	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2609	Ca_desi_scaffold	2609	[C/T]	NA
Ca_Desi_Ch_scaffold07800_2610	Ca_desi_scaffold	2610	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2611	Ca_desi_scaffold	2611	[A/G]	NA
Ca_Desi_Ch_scaffold07800_2613	Ca_desi_scaffold	2613	[G/T]	NA
Ca_Desi_Ch_scaffold07800_2614	Ca_desi_scaffold	2614	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold07800_2615	Ca_desig_scaffold	2615	[C/T]	NA
Ca_DesigChr_scaffold07800_2617	Ca_desig_scaffold	2617	[T/C]	NA
Ca_DesigChr_scaffold07800_2618	Ca_desig_scaffold	2618	[A/G]	NA
Ca_DesigChr_scaffold07800_2620	Ca_desig_scaffold	2620	[C/T]	NA
Ca_DesigChr_scaffold07800_2621	Ca_desig_scaffold	2621	[T/C]	NA
Ca_DesigChr_scaffold07800_2622	Ca_desig_scaffold	2622	[T/C]	NA
Ca_DesigChr_scaffold07800_2624	Ca_desig_scaffold	2624	[T/C]	NA
Ca_DesigChr_scaffold07800_2625	Ca_desig_scaffold	2625	[A/G]	NA
Ca_DesigChr_scaffold07800_2626	Ca_desig_scaffold	2626	[G/A]	NA
Ca_DesigChr_scaffold07800_2627	Ca_desig_scaffold	2627	[A/G]	NA
Ca_DesigChr_scaffold07800_2629	Ca_desig_scaffold	2629	[T/C]	NA
Ca_DesigChr_scaffold07800_2630	Ca_desig_scaffold	2630	[T/C]	NA
Ca_DesigChr_scaffold07800_2631	Ca_desig_scaffold	2631	[C/T]	NA
Ca_DesigChr_scaffold07800_3616	Ca_desig_scaffold	3616	[T/A]	NA
Ca_DesigChr_scaffold07800_3619	Ca_desig_scaffold	3619	[A/G]	NA
Ca_DesigChr_scaffold07800_3620	Ca_desig_scaffold	3620	[C/T]	NA
Ca_DesigChr_scaffold07800_3621	Ca_desig_scaffold	3621	[T/C]	NA
Ca_DesigChr_scaffold07800_3622	Ca_desig_scaffold	3622	[T/C]	NA
Ca_DesigChr_scaffold07800_3623	Ca_desig_scaffold	3623	[C/T]	NA
Ca_DesigChr_scaffold07800_3624	Ca_desig_scaffold	3624	[T/C]	NA
Ca_DesigChr_scaffold07800_3625	Ca_desig_scaffold	3625	[G/T]	NA
Ca_DesigChr_scaffold07800_3626	Ca_desig_scaffold	3626	[T/C]	NA
Ca_DesigChr_scaffold07800_3628	Ca_desig_scaffold	3628	[C/T]	NA
Ca_DesigChr_scaffold07800_3629	Ca_desig_scaffold	3629	[G/A]	NA
Ca_DesigChr_scaffold07800_3630	Ca_desig_scaffold	3630	[T/C]	NA
Ca_DesigChr_scaffold07800_3631	Ca_desig_scaffold	3631	[G/A]	NA
Ca_DesigChr_scaffold07800_3632	Ca_desig_scaffold	3632	[A/G]	NA
Ca_DesigChr_scaffold07800_3633	Ca_desig_scaffold	3633	[T/C]	NA
Ca_DesigChr_scaffold07800_3634	Ca_desig_scaffold	3634	[C/T]	NA
Ca_DesigChr_scaffold07800_3635	Ca_desig_scaffold	3635	[G/A]	NA
Ca_DesigChr_scaffold07800_3636	Ca_desig_scaffold	3636	[T/C]	NA
Ca_DesigChr_scaffold07800_3637	Ca_desig_scaffold	3637	[A/G]	NA
Ca_DesigChr_scaffold07800_3638	Ca_desig_scaffold	3638	[G/A]	NA
Ca_DesigChr_scaffold07800_3640	Ca_desig_scaffold	3640	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold07800_3641	Ca_desig_scaffold	3641	[T/C]	NA
Ca_Desig_Chr_scaffold07800_3642	Ca_desig_scaffold	3642	[G/A]	NA
Ca_Desig_Chr_scaffold07800_3643	Ca_desig_scaffold	3643	[T/C]	NA
Ca_Desig_Chr_scaffold07800_3644	Ca_desig_scaffold	3644	[C/T]	NA
Ca_Desig_Chr_scaffold07800_3646	Ca_desig_scaffold	3646	[C/T]	NA
Ca_Desig_Chr_scaffold07800_3647	Ca_desig_scaffold	3647	[G/T]	NA
Ca_Desig_Chr_scaffold07800_3648	Ca_desig_scaffold	3648	[T/C]	NA
Ca_Desig_Chr_scaffold07800_3649	Ca_desig_scaffold	3649	[C/T]	NA
Ca_Desig_Chr_scaffold07800_3650	Ca_desig_scaffold	3650	[G/A]	NA
Ca_Desig_Chr_scaffold07800_3651	Ca_desig_scaffold	3651	[T/C]	NA
Ca_Desig_Chr_scaffold07800_3652	Ca_desig_scaffold	3652	[C/T]	NA
Ca_Desig_Chr_scaffold07800_3653	Ca_desig_scaffold	3653	[T/C]	NA
Ca_Desig_Chr_scaffold07800_3654	Ca_desig_scaffold	3654	[C/T]	NA
Ca_Desig_Chr_scaffold07800_3655	Ca_desig_scaffold	3655	[G/A]	NA
Ca_Desig_Chr_scaffold07800_3656	Ca_desig_scaffold	3656	[T/C]	NA
Ca_Desig_Chr_scaffold07800_3657	Ca_desig_scaffold	3657	[C/T]	NA
Ca_Desig_Chr_scaffold07800_3658	Ca_desig_scaffold	3658	[C/T]	NA
Ca_Desig_Chr_scaffold07800_3659	Ca_desig_scaffold	3659	[C/T]	NA
Ca_Desig_Chr_scaffold07800_3660	Ca_desig_scaffold	3660	[C/T]	NA
Ca_Desig_Chr_scaffold07800_3663	Ca_desig_scaffold	3663	[T/A]	NA
Ca_Desig_Chr_scaffold07800_4285	Ca_desig_scaffold	4285	[T/A]	NA
Ca_Desig_Chr_scaffold07800_4308	Ca_desig_scaffold	4308	[T/C]	NA
Ca_Desig_Chr_scaffold07800_4313	Ca_desig_scaffold	4313	[T/G]	NA
Ca_Desig_Chr_scaffold07800_4680	Ca_desig_scaffold	4680	[G/T]	NA
Ca_Desig_Chr_scaffold07800_4681	Ca_desig_scaffold	4681	[C/A]	NA
Ca_Desig_Chr_scaffold07800_4683	Ca_desig_scaffold	4683	[A/C]	NA
Ca_Desig_Chr_scaffold07800_4688	Ca_desig_scaffold	4688	[G/T]	NA
Ca_Desig_Chr_scaffold07800_4696	Ca_desig_scaffold	4696	[T/C]	NA
Ca_Desig_Chr_scaffold07800_4699	Ca_desig_scaffold	4699	[A/G]	NA
Ca_Desig_Chr_scaffold07800_4703	Ca_desig_scaffold	4703	[T/C]	NA
Ca_Desig_Chr_scaffold07800_4705	Ca_desig_scaffold	4705	[T/C]	NA
Ca_Desig_Chr_scaffold07800_4711	Ca_desig_scaffold	4711	[A/G]	NA
Ca_Desig_Chr_scaffold07800_4719	Ca_desig_scaffold	4719	[T/C]	NA
Ca_Desig_Chr_scaffold07800_4723	Ca_desig_scaffold	4723	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold07800_4735	Ca_desig_scaffold	4735	[T/C]	NA
Ca_Desig_Chr_scaffold07800_4749	Ca_desig_scaffold	4749	[T/G]	NA
Ca_Desig_Chr_scaffold07800_4775	Ca_desig_scaffold	4775	[T/C]	NA
Ca_Desig_Chr_scaffold07800_4780	Ca_desig_scaffold	4780	[T/G]	NA
Ca_Desig_Chr_scaffold07800_5077	Ca_desig_scaffold	5077	[G/T]	NA
Ca_Desig_Chr_scaffold07800_5078	Ca_desig_scaffold	5078	[G/C]	NA
Ca_Desig_Chr_scaffold07800_5079	Ca_desig_scaffold	5079	[G/T]	NA
Ca_Desig_Chr_scaffold07800_5095	Ca_desig_scaffold	5095	[A/C]	NA
Ca_Desig_Chr_scaffold07800_6019	Ca_desig_scaffold	6019	[A/C]	NA
Ca_Desig_Chr_scaffold07800_6096	Ca_desig_scaffold	6096	[T/C]	NA
Ca_Desig_Chr_scaffold07800_6167	Ca_desig_scaffold	6167	[G/T]	NA
Ca_Desig_Chr_scaffold07800_6168	Ca_desig_scaffold	6168	[A/T]	NA
Ca_Desig_Chr_scaffold07819_1484	Ca_desig_scaffold	1484	[T/G]	NA
Ca_Desig_Chr_scaffold07819_3639	Ca_desig_scaffold	3639	[T/G]	NA
Ca_Desig_Chr_scaffold07819_3730	Ca_desig_scaffold	3730	[T/C]	NA
Ca_Desig_Chr_scaffold07819_3731	Ca_desig_scaffold	3731	[T/C]	NA
Ca_Desig_Chr_scaffold07819_3733	Ca_desig_scaffold	3733	[A/G]	NA
Ca_Desig_Chr_scaffold07819_3735	Ca_desig_scaffold	3735	[T/C]	NA
Ca_Desig_Chr_scaffold07819_3737	Ca_desig_scaffold	3737	[A/G]	NA
Ca_Desig_Chr_scaffold07819_3738	Ca_desig_scaffold	3738	[A/G]	NA
Ca_Desig_Chr_scaffold07819_3741	Ca_desig_scaffold	3741	[T/G]	NA
Ca_Desig_Chr_scaffold07819_3743	Ca_desig_scaffold	3743	[T/C]	NA
Ca_Desig_Chr_scaffold07819_3746	Ca_desig_scaffold	3746	[A/G]	NA
Ca_Desig_Chr_scaffold07819_3749	Ca_desig_scaffold	3749	[T/C]	NA
Ca_Desig_Chr_scaffold07819_3751	Ca_desig_scaffold	3751	[A/T]	NA
Ca_Desig_Chr_scaffold07819_3756	Ca_desig_scaffold	3756	[A/G]	NA
Ca_Desig_Chr_scaffold07819_3761	Ca_desig_scaffold	3761	[A/G]	NA
Ca_Desig_Chr_scaffold07819_3764	Ca_desig_scaffold	3764	[A/G]	NA
Ca_Desig_Chr_scaffold07819_3766	Ca_desig_scaffold	3766	[T/G]	NA
Ca_Desig_Chr_scaffold07819_3769	Ca_desig_scaffold	3769	[A/G]	NA
Ca_Desig_Chr_scaffold07819_3771	Ca_desig_scaffold	3771	[T/C]	NA
Ca_Desig_Chr_scaffold07819_3776	Ca_desig_scaffold	3776	[T/C]	NA
Ca_Desig_Chr_scaffold07819_3779	Ca_desig_scaffold	3779	[T/C]	NA
Ca_Desig_Chr_scaffold07819_3780	Ca_desig_scaffold	3780	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold07819_3782	Ca_desi_scaffold	3782	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3784	Ca_desi_scaffold	3784	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3786	Ca_desi_scaffold	3786	[G/A]	NA
Ca_Desi_Ch_scaffold07819_3787	Ca_desi_scaffold	3787	[C/T]	NA
Ca_Desi_Ch_scaffold07819_3788	Ca_desi_scaffold	3788	[A/G]	NA
Ca_Desi_Ch_scaffold07819_3872	Ca_desi_scaffold	3872	[A/C]	NA
Ca_Desi_Ch_scaffold07819_3874	Ca_desi_scaffold	3874	[A/G]	NA
Ca_Desi_Ch_scaffold07819_3876	Ca_desi_scaffold	3876	[A/G]	NA
Ca_Desi_Ch_scaffold07819_3879	Ca_desi_scaffold	3879	[C/G]	NA
Ca_Desi_Ch_scaffold07819_3880	Ca_desi_scaffold	3880	[C/T]	NA
Ca_Desi_Ch_scaffold07819_3882	Ca_desi_scaffold	3882	[A/G]	NA
Ca_Desi_Ch_scaffold07819_3885	Ca_desi_scaffold	3885	[A/C]	NA
Ca_Desi_Ch_scaffold07819_3890	Ca_desi_scaffold	3890	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3894	Ca_desi_scaffold	3894	[A/G]	NA
Ca_Desi_Ch_scaffold07819_3895	Ca_desi_scaffold	3895	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3899	Ca_desi_scaffold	3899	[A/G]	NA
Ca_Desi_Ch_scaffold07819_3900	Ca_desi_scaffold	3900	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3903	Ca_desi_scaffold	3903	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3904	Ca_desi_scaffold	3904	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3906	Ca_desi_scaffold	3906	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3912	Ca_desi_scaffold	3912	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3914	Ca_desi_scaffold	3914	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3916	Ca_desi_scaffold	3916	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3918	Ca_desi_scaffold	3918	[A/G]	NA
Ca_Desi_Ch_scaffold07819_3920	Ca_desi_scaffold	3920	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3922	Ca_desi_scaffold	3922	[A/G]	NA
Ca_Desi_Ch_scaffold07819_3923	Ca_desi_scaffold	3923	[A/G]	NA
Ca_Desi_Ch_scaffold07819_3927	Ca_desi_scaffold	3927	[A/G]	NA
Ca_Desi_Ch_scaffold07819_3930	Ca_desi_scaffold	3930	[T/C]	NA
Ca_Desi_Ch_scaffold07819_3931	Ca_desi_scaffold	3931	[A/G]	NA
Ca_Desi_Ch_scaffold07827_4639	Ca_desi_scaffold	4639	[T/C]	NA
Ca_Desi_Ch_scaffold07827_4644	Ca_desi_scaffold	4644	[T/C]	NA
Ca_Desi_Ch_scaffold07827_4650	Ca_desi_scaffold	4650	[A/G]	NA
Ca_Desi_Ch_scaffold07827_4655	Ca_desi_scaffold	4655	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold07827_4658	Ca_desig_scaffold	4658	[T/C]	NA
Ca_Desig_Chr_scaffold07827_4660	Ca_desig_scaffold	4660	[T/C]	NA
Ca_Desig_Chr_scaffold07827_4670	Ca_desig_scaffold	4670	[A/G]	NA
Ca_Desig_Chr_scaffold07827_4671	Ca_desig_scaffold	4671	[T/C]	NA
Ca_Desig_Chr_scaffold07827_4698	Ca_desig_scaffold	4698	[T/C]	NA
Ca_Desig_Chr_scaffold07827_4710	Ca_desig_scaffold	4710	[A/G]	NA
Ca_Desig_Chr_scaffold07827_4716	Ca_desig_scaffold	4716	[A/G]	NA
Ca_Desig_Chr_scaffold07827_4794	Ca_desig_scaffold	4794	[T/G]	NA
Ca_Desig_Chr_scaffold07828_458	Ca_desig_scaffold	458	[A/G]	NA
Ca_Desig_Chr_scaffold07828_461	Ca_desig_scaffold	461	[A/G]	NA
Ca_Desig_Chr_scaffold07828_462	Ca_desig_scaffold	462	[A/G]	NA
Ca_Desig_Chr_scaffold07828_465	Ca_desig_scaffold	465	[A/G]	NA
Ca_Desig_Chr_scaffold07828_469	Ca_desig_scaffold	469	[A/G]	NA
Ca_Desig_Chr_scaffold07828_470	Ca_desig_scaffold	470	[A/G]	NA
Ca_Desig_Chr_scaffold07828_472	Ca_desig_scaffold	472	[A/G]	NA
Ca_Desig_Chr_scaffold07828_477	Ca_desig_scaffold	477	[T/C]	NA
Ca_Desig_Chr_scaffold07828_487	Ca_desig_scaffold	487	[T/G]	NA
Ca_Desig_Chr_scaffold07828_491	Ca_desig_scaffold	491	[T/G]	NA
Ca_Desig_Chr_scaffold07828_493	Ca_desig_scaffold	493	[T/C]	NA
Ca_Desig_Chr_scaffold07828_495	Ca_desig_scaffold	495	[C/T]	NA
Ca_Desig_Chr_scaffold07828_498	Ca_desig_scaffold	498	[T/G]	NA
Ca_Desig_Chr_scaffold07828_500	Ca_desig_scaffold	500	[A/G]	NA
Ca_Desig_Chr_scaffold07828_506	Ca_desig_scaffold	506	[T/C]	NA
Ca_Desig_Chr_scaffold07828_510	Ca_desig_scaffold	510	[A/G]	NA
Ca_Desig_Chr_scaffold07828_512	Ca_desig_scaffold	512	[A/G]	NA
Ca_Desig_Chr_scaffold07828_614	Ca_desig_scaffold	614	[A/C]	NA
Ca_Desig_Chr_scaffold07828_616	Ca_desig_scaffold	616	[G/T]	NA
Ca_Desig_Chr_scaffold07828_618	Ca_desig_scaffold	618	[T/C]	NA
Ca_Desig_Chr_scaffold07828_622	Ca_desig_scaffold	622	[A/G]	NA
Ca_Desig_Chr_scaffold07828_632	Ca_desig_scaffold	632	[A/G]	NA
Ca_Desig_Chr_scaffold07828_634	Ca_desig_scaffold	634	[A/G]	NA
Ca_Desig_Chr_scaffold07828_637	Ca_desig_scaffold	637	[A/G]	NA
Ca_Desig_Chr_scaffold07828_640	Ca_desig_scaffold	640	[G/A]	NA
Ca_Desig_Chr_scaffold07828_642	Ca_desig_scaffold	642	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold07828_645	Ca_desig_scaffold	645	[T/C]	NA
Ca_DesigChr_scaffold07828_646	Ca_desig_scaffold	646	[T/C]	NA
Ca_DesigChr_scaffold07828_648	Ca_desig_scaffold	648	[A/C]	NA
Ca_DesigChr_scaffold07828_655	Ca_desig_scaffold	655	[A/G]	NA
Ca_DesigChr_scaffold07828_656	Ca_desig_scaffold	656	[A/G]	NA
Ca_DesigChr_scaffold07828_661	Ca_desig_scaffold	661	[A/G]	NA
Ca_DesigChr_scaffold07828_667	Ca_desig_scaffold	667	[T/C]	NA
Ca_DesigChr_scaffold07828_668	Ca_desig_scaffold	668	[T/C]	NA
Ca_DesigChr_scaffold07828_673	Ca_desig_scaffold	673	[A/G]	NA
Ca_DesigChr_scaffold07828_1398	Ca_desig_scaffold	1398	[A/C]	NA
Ca_DesigChr_scaffold07828_3657	Ca_desig_scaffold	3657	[A/G]	NA
Ca_DesigChr_scaffold07828_3661	Ca_desig_scaffold	3661	[A/G]	NA
Ca_DesigChr_scaffold07828_3670	Ca_desig_scaffold	3670	[C/T]	NA
Ca_DesigChr_scaffold07828_3682	Ca_desig_scaffold	3682	[A/G]	NA
Ca_DesigChr_scaffold07828_3694	Ca_desig_scaffold	3694	[C/A]	NA
Ca_DesigChr_scaffold07828_3714	Ca_desig_scaffold	3714	[T/C]	NA
Ca_DesigChr_scaffold07828_3715	Ca_desig_scaffold	3715	[C/G]	NA
Ca_DesigChr_scaffold07828_3883	Ca_desig_scaffold	3883	[C/T]	NA
Ca_DesigChr_scaffold07828_3911	Ca_desig_scaffold	3911	[A/G]	NA
Ca_DesigChr_scaffold07828_3912	Ca_desig_scaffold	3912	[T/C]	NA
Ca_DesigChr_scaffold07828_3914	Ca_desig_scaffold	3914	[T/C]	NA
Ca_DesigChr_scaffold07828_3919	Ca_desig_scaffold	3919	[A/G]	NA
Ca_DesigChr_scaffold07828_3921	Ca_desig_scaffold	3921	[A/G]	NA
Ca_DesigChr_scaffold07828_3923	Ca_desig_scaffold	3923	[T/C]	NA
Ca_DesigChr_scaffold07828_3925	Ca_desig_scaffold	3925	[A/G]	NA
Ca_DesigChr_scaffold07828_3926	Ca_desig_scaffold	3926	[A/G]	NA
Ca_DesigChr_scaffold07828_4332	Ca_desig_scaffold	4332	[T/C]	NA
Ca_DesigChr_scaffold07828_4478	Ca_desig_scaffold	4478	[C/T]	NA
Ca_DesigChr_scaffold07828_4480	Ca_desig_scaffold	4480	[T/C]	NA
Ca_DesigChr_scaffold07828_4481	Ca_desig_scaffold	4481	[A/G]	NA
Ca_DesigChr_scaffold07828_4482	Ca_desig_scaffold	4482	[C/T]	NA
Ca_DesigChr_scaffold07828_4483	Ca_desig_scaffold	4483	[T/C]	NA
Ca_DesigChr_scaffold07828_4484	Ca_desig_scaffold	4484	[T/C]	NA
Ca_DesigChr_scaffold07828_4485	Ca_desig_scaffold	4485	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold07828_4487	Ca_desig_scaffold	4487	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4489	Ca_desig_scaffold	4489	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4490	Ca_desig_scaffold	4490	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4491	Ca_desig_scaffold	4491	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4494	Ca_desig_scaffold	4494	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4495	Ca_desig_scaffold	4495	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4497	Ca_desig_scaffold	4497	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4498	Ca_desig_scaffold	4498	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4501	Ca_desig_scaffold	4501	[A/G]	NA
Ca_Desig_Chr_scaffold07828_4503	Ca_desig_scaffold	4503	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4504	Ca_desig_scaffold	4504	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4505	Ca_desig_scaffold	4505	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4506	Ca_desig_scaffold	4506	[G/T]	NA
Ca_Desig_Chr_scaffold07828_4507	Ca_desig_scaffold	4507	[C/A]	NA
Ca_Desig_Chr_scaffold07828_4508	Ca_desig_scaffold	4508	[C/T]	NA
Ca_Desig_Chr_scaffold07828_4509	Ca_desig_scaffold	4509	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4511	Ca_desig_scaffold	4511	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4513	Ca_desig_scaffold	4513	[C/T]	NA
Ca_Desig_Chr_scaffold07828_4514	Ca_desig_scaffold	4514	[G/A]	NA
Ca_Desig_Chr_scaffold07828_4515	Ca_desig_scaffold	4515	[G/A]	NA
Ca_Desig_Chr_scaffold07828_4517	Ca_desig_scaffold	4517	[A/G]	NA
Ca_Desig_Chr_scaffold07828_4518	Ca_desig_scaffold	4518	[A/G]	NA
Ca_Desig_Chr_scaffold07828_4519	Ca_desig_scaffold	4519	[G/A]	NA
Ca_Desig_Chr_scaffold07828_4520	Ca_desig_scaffold	4520	[G/A]	NA
Ca_Desig_Chr_scaffold07828_4521	Ca_desig_scaffold	4521	[A/G]	NA
Ca_Desig_Chr_scaffold07828_4524	Ca_desig_scaffold	4524	[A/G]	NA
Ca_Desig_Chr_scaffold07828_4525	Ca_desig_scaffold	4525	[A/G]	NA
Ca_Desig_Chr_scaffold07828_4527	Ca_desig_scaffold	4527	[C/T]	NA
Ca_Desig_Chr_scaffold07828_4528	Ca_desig_scaffold	4528	[C/T]	NA
Ca_Desig_Chr_scaffold07828_4530	Ca_desig_scaffold	4530	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4532	Ca_desig_scaffold	4532	[A/G]	NA
Ca_Desig_Chr_scaffold07828_4533	Ca_desig_scaffold	4533	[T/C]	NA
Ca_Desig_Chr_scaffold07828_4534	Ca_desig_scaffold	4534	[A/G]	NA
Ca_Desig_Chr_scaffold07828_4535	Ca_desig_scaffold	4535	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold07828_4537	Ca_desi_scaffold	4537	[C/G]	NA
Ca_Desi_Ch_scaffold07828_4581	Ca_desi_scaffold	4581	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4586	Ca_desi_scaffold	4586	[C/T]	NA
Ca_Desi_Ch_scaffold07828_4587	Ca_desi_scaffold	4587	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4588	Ca_desi_scaffold	4588	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4590	Ca_desi_scaffold	4590	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4591	Ca_desi_scaffold	4591	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4594	Ca_desi_scaffold	4594	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4595	Ca_desi_scaffold	4595	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4596	Ca_desi_scaffold	4596	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4599	Ca_desi_scaffold	4599	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4601	Ca_desi_scaffold	4601	[T/A]	NA
Ca_Desi_Ch_scaffold07828_4602	Ca_desi_scaffold	4602	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4604	Ca_desi_scaffold	4604	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4605	Ca_desi_scaffold	4605	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4607	Ca_desi_scaffold	4607	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4608	Ca_desi_scaffold	4608	[G/A]	NA
Ca_Desi_Ch_scaffold07828_4609	Ca_desi_scaffold	4609	[C/T]	NA
Ca_Desi_Ch_scaffold07828_4610	Ca_desi_scaffold	4610	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4611	Ca_desi_scaffold	4611	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4612	Ca_desi_scaffold	4612	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4613	Ca_desi_scaffold	4613	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4618	Ca_desi_scaffold	4618	[C/T]	NA
Ca_Desi_Ch_scaffold07828_4619	Ca_desi_scaffold	4619	[G/A]	NA
Ca_Desi_Ch_scaffold07828_4620	Ca_desi_scaffold	4620	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4625	Ca_desi_scaffold	4625	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4626	Ca_desi_scaffold	4626	[C/T]	NA
Ca_Desi_Ch_scaffold07828_4627	Ca_desi_scaffold	4627	[C/T]	NA
Ca_Desi_Ch_scaffold07828_4630	Ca_desi_scaffold	4630	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4631	Ca_desi_scaffold	4631	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4632	Ca_desi_scaffold	4632	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4633	Ca_desi_scaffold	4633	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4636	Ca_desi_scaffold	4636	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4637	Ca_desi_scaffold	4637	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold07828_4639	Ca_desi_scaffold	4639	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4645	Ca_desi_scaffold	4645	[T/C]	NA
Ca_Desi_Chromosome_scaffold07828_4646	Ca_desi_scaffold	4646	[G/A]	NA
Ca_Desi_Chromosome_scaffold07828_4648	Ca_desi_scaffold	4648	[C/T]	NA
Ca_Desi_Chromosome_scaffold07828_4649	Ca_desi_scaffold	4649	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4650	Ca_desi_scaffold	4650	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4651	Ca_desi_scaffold	4651	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4654	Ca_desi_scaffold	4654	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4655	Ca_desi_scaffold	4655	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4656	Ca_desi_scaffold	4656	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4658	Ca_desi_scaffold	4658	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4660	Ca_desi_scaffold	4660	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4661	Ca_desi_scaffold	4661	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4663	Ca_desi_scaffold	4663	[T/C]	NA
Ca_Desi_Chromosome_scaffold07828_4665	Ca_desi_scaffold	4665	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4666	Ca_desi_scaffold	4666	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4667	Ca_desi_scaffold	4667	[T/C]	NA
Ca_Desi_Chromosome_scaffold07828_4671	Ca_desi_scaffold	4671	[T/C]	NA
Ca_Desi_Chromosome_scaffold07828_4672	Ca_desi_scaffold	4672	[T/C]	NA
Ca_Desi_Chromosome_scaffold07828_4673	Ca_desi_scaffold	4673	[T/C]	NA
Ca_Desi_Chromosome_scaffold07828_4674	Ca_desi_scaffold	4674	[G/A]	NA
Ca_Desi_Chromosome_scaffold07828_4677	Ca_desi_scaffold	4677	[T/C]	NA
Ca_Desi_Chromosome_scaffold07828_4679	Ca_desi_scaffold	4679	[T/G]	NA
Ca_Desi_Chromosome_scaffold07828_4680	Ca_desi_scaffold	4680	[T/C]	NA
Ca_Desi_Chromosome_scaffold07828_4681	Ca_desi_scaffold	4681	[C/T]	NA
Ca_Desi_Chromosome_scaffold07828_4683	Ca_desi_scaffold	4683	[G/A]	NA
Ca_Desi_Chromosome_scaffold07828_4684	Ca_desi_scaffold	4684	[T/A]	NA
Ca_Desi_Chromosome_scaffold07828_4685	Ca_desi_scaffold	4685	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4686	Ca_desi_scaffold	4686	[T/C]	NA
Ca_Desi_Chromosome_scaffold07828_4688	Ca_desi_scaffold	4688	[A/G]	NA
Ca_Desi_Chromosome_scaffold07828_4689	Ca_desi_scaffold	4689	[T/C]	NA
Ca_Desi_Chromosome_scaffold07828_4690	Ca_desi_scaffold	4690	[T/C]	NA
Ca_Desi_Chromosome_scaffold07828_4691	Ca_desi_scaffold	4691	[C/T]	NA
Ca_Desi_Chromosome_scaffold07828_4692	Ca_desi_scaffold	4692	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold07828_4693	Ca_desi_scaffold	4693	[G/T]	NA
Ca_Desi_Ch_scaffold07828_4694	Ca_desi_scaffold	4694	[C/T]	NA
Ca_Desi_Ch_scaffold07828_4696	Ca_desi_scaffold	4696	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4697	Ca_desi_scaffold	4697	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4698	Ca_desi_scaffold	4698	[C/T]	NA
Ca_Desi_Ch_scaffold07828_4700	Ca_desi_scaffold	4700	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4701	Ca_desi_scaffold	4701	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4703	Ca_desi_scaffold	4703	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4749	Ca_desi_scaffold	4749	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4778	Ca_desi_scaffold	4778	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4784	Ca_desi_scaffold	4784	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4793	Ca_desi_scaffold	4793	[C/T]	NA
Ca_Desi_Ch_scaffold07828_4806	Ca_desi_scaffold	4806	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4808	Ca_desi_scaffold	4808	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4809	Ca_desi_scaffold	4809	[G/A]	NA
Ca_Desi_Ch_scaffold07828_4811	Ca_desi_scaffold	4811	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4813	Ca_desi_scaffold	4813	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4816	Ca_desi_scaffold	4816	[A/C]	NA
Ca_Desi_Ch_scaffold07828_4819	Ca_desi_scaffold	4819	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4820	Ca_desi_scaffold	4820	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4823	Ca_desi_scaffold	4823	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4824	Ca_desi_scaffold	4824	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4826	Ca_desi_scaffold	4826	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4829	Ca_desi_scaffold	4829	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4830	Ca_desi_scaffold	4830	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4832	Ca_desi_scaffold	4832	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4838	Ca_desi_scaffold	4838	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4839	Ca_desi_scaffold	4839	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4846	Ca_desi_scaffold	4846	[G/A]	NA
Ca_Desi_Ch_scaffold07828_4848	Ca_desi_scaffold	4848	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4853	Ca_desi_scaffold	4853	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4854	Ca_desi_scaffold	4854	[T/C]	NA
Ca_Desi_Ch_scaffold07828_4856	Ca_desi_scaffold	4856	[A/G]	NA
Ca_Desi_Ch_scaffold07828_4858	Ca_desi_scaffold	4858	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold07828_4861	Ca_desig_scaffold	4861	[A/G]	NA
Ca_DesigChr_scaffold07828_4863	Ca_desig_scaffold	4863	[T/C]	NA
Ca_DesigChr_scaffold07828_4865	Ca_desig_scaffold	4865	[A/G]	NA
Ca_DesigChr_scaffold07828_4871	Ca_desig_scaffold	4871	[T/C]	NA
Ca_DesigChr_scaffold07828_4889	Ca_desig_scaffold	4889	[A/G]	NA
Ca_DesigChr_scaffold07828_4891	Ca_desig_scaffold	4891	[A/G]	NA
Ca_DesigChr_scaffold07828_4893	Ca_desig_scaffold	4893	[T/C]	NA
Ca_DesigChr_scaffold07828_4897	Ca_desig_scaffold	4897	[A/G]	NA
Ca_DesigChr_scaffold07828_4898	Ca_desig_scaffold	4898	[A/G]	NA
Ca_DesigChr_scaffold07828_4904	Ca_desig_scaffold	4904	[A/G]	NA
Ca_DesigChr_scaffold07828_4915	Ca_desig_scaffold	4915	[T/C]	NA
Ca_DesigChr_scaffold07828_4917	Ca_desig_scaffold	4917	[A/G]	NA
Ca_DesigChr_scaffold07828_4919	Ca_desig_scaffold	4919	[T/C]	NA
Ca_DesigChr_scaffold07828_4922	Ca_desig_scaffold	4922	[T/C]	NA
Ca_DesigChr_scaffold07828_5016	Ca_desig_scaffold	5016	[A/G]	NA
Ca_DesigChr_scaffold07828_5017	Ca_desig_scaffold	5017	[A/G]	NA
Ca_DesigChr_scaffold07828_5038	Ca_desig_scaffold	5038	[A/G]	NA
Ca_DesigChr_scaffold07828_6346	Ca_desig_scaffold	6346	[A/G]	NA
Ca_DesigChr_scaffold07828_6352	Ca_desig_scaffold	6352	[A/G]	NA
Ca_DesigChr_scaffold07828_6354	Ca_desig_scaffold	6354	[A/G]	NA
Ca_DesigChr_scaffold07828_6357	Ca_desig_scaffold	6357	[G/T]	NA
Ca_DesigChr_scaffold07828_6363	Ca_desig_scaffold	6363	[T/G]	NA
Ca_DesigChr_scaffold07828_6652	Ca_desig_scaffold	6652	[T/C]	NA
Ca_DesigChr_scaffold07828_6661	Ca_desig_scaffold	6661	[T/C]	NA
Ca_DesigChr_scaffold07828_6667	Ca_desig_scaffold	6667	[T/A]	NA
Ca_DesigChr_scaffold07828_6669	Ca_desig_scaffold	6669	[A/G]	NA
Ca_DesigChr_scaffold07828_6678	Ca_desig_scaffold	6678	[T/C]	NA
Ca_DesigChr_scaffold07828_6680	Ca_desig_scaffold	6680	[A/G]	NA
Ca_DesigChr_scaffold07828_6682	Ca_desig_scaffold	6682	[A/G]	NA
Ca_DesigChr_scaffold07828_6685	Ca_desig_scaffold	6685	[A/G]	NA
Ca_DesigChr_scaffold07828_6688	Ca_desig_scaffold	6688	[G/A]	NA
Ca_DesigChr_scaffold07828_6692	Ca_desig_scaffold	6692	[T/C]	NA
Ca_DesigChr_scaffold07828_6697	Ca_desig_scaffold	6697	[T/C]	NA
Ca_DesigChr_scaffold07828_6700	Ca_desig_scaffold	6700	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold07828_6702	Ca_desi_scaffold	6702	[A/G]	NA
Ca_Desi_Ch_scaffold07828_6703	Ca_desi_scaffold	6703	[T/C]	NA
Ca_Desi_Ch_scaffold07828_6706	Ca_desi_scaffold	6706	[T/C]	NA
Ca_Desi_Ch_scaffold07828_6708	Ca_desi_scaffold	6708	[T/C]	NA
Ca_Desi_Ch_scaffold07845_1694	Ca_desi_scaffold	1694	[A/C]	NA
Ca_Desi_Ch_scaffold07877_2091	Ca_desi_scaffold	2091	[G/A]	NA
Ca_Desi_Ch_scaffold07914_717	Ca_desi_scaffold	717	[T/C]	NA
Ca_Desi_Ch_scaffold07925_4158	Ca_desi_scaffold	4158	[A/G]	NA
Ca_Desi_Ch_scaffold07925_4592	Ca_desi_scaffold	4592	[A/G]	NA
Ca_Desi_Ch_scaffold07925_4617	Ca_desi_scaffold	4617	[A/G]	NA
Ca_Desi_Ch_scaffold07974_1512	Ca_desi_scaffold	1512	[A/C]	NA
Ca_Desi_Ch_scaffold08005_1609	Ca_desi_scaffold	1609	[T/C]	NA
Ca_Desi_Ch_scaffold08029_5544	Ca_desi_scaffold	5544	[T/A]	NA
Ca_Desi_Ch_scaffold08033_2737	Ca_desi_scaffold	2737	[A/G]	NA
Ca_Desi_Ch_scaffold08033_2746	Ca_desi_scaffold	2746	[T/A]	NA
Ca_Desi_Ch_scaffold08033_2771	Ca_desi_scaffold	2771	[C/T]	NA
Ca_Desi_Ch_scaffold08049_2788	Ca_desi_scaffold	2788	[C/A]	NA
Ca_Desi_Ch_scaffold08052_4038	Ca_desi_scaffold	4038	[T/C]	NA
Ca_Desi_Ch_scaffold08052_4067	Ca_desi_scaffold	4067	[A/G]	NA
Ca_Desi_Ch_scaffold08052_5210	Ca_desi_scaffold	5210	[C/T]	NA
Ca_Desi_Ch_scaffold08052_5230	Ca_desi_scaffold	5230	[A/G]	NA
Ca_Desi_Ch_scaffold08052_5240	Ca_desi_scaffold	5240	[A/G]	NA
Ca_Desi_Ch_scaffold08148_1331	Ca_desi_scaffold	1331	[T/C]	NA
Ca_Desi_Ch_scaffold08168_5724	Ca_desi_scaffold	5724	[A/C]	NA
Ca_Desi_Ch_scaffold08176_3577	Ca_desi_scaffold	3577	[T/G]	NA
Ca_Desi_Ch_scaffold08176_3662	Ca_desi_scaffold	3662	[A/G]	NA
Ca_Desi_Ch_scaffold08199_237	Ca_desi_scaffold	237	[T/G]	NA
Ca_Desi_Ch_scaffold08199_251	Ca_desi_scaffold	251	[A/G]	NA
Ca_Desi_Ch_scaffold08230_1653	Ca_desi_scaffold	1653	[T/A]	NA
Ca_Desi_Ch_scaffold08230_1657	Ca_desi_scaffold	1657	[T/G]	NA
Ca_Desi_Ch_scaffold08230_2872	Ca_desi_scaffold	2872	[T/G]	NA
Ca_Desi_Ch_scaffold08230_6538	Ca_desi_scaffold	6538	[T/C]	NA
Ca_Desi_Ch_scaffold08230_6539	Ca_desi_scaffold	6539	[A/G]	NA
Ca_Desi_Ch_scaffold08230_6540	Ca_desi_scaffold	6540	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold08230_6542	Ca_desig_scaffold	6542	[A/G]	NA
Ca_DesigChr_scaffold08230_6543	Ca_desig_scaffold	6543	[G/A]	NA
Ca_DesigChr_scaffold08230_6544	Ca_desig_scaffold	6544	[C/T]	NA
Ca_DesigChr_scaffold08230_6546	Ca_desig_scaffold	6546	[G/T]	NA
Ca_DesigChr_scaffold08230_6547	Ca_desig_scaffold	6547	[A/G]	NA
Ca_DesigChr_scaffold08230_6548	Ca_desig_scaffold	6548	[A/G]	NA
Ca_DesigChr_scaffold08230_6549	Ca_desig_scaffold	6549	[T/C]	NA
Ca_DesigChr_scaffold08230_6550	Ca_desig_scaffold	6550	[T/C]	NA
Ca_DesigChr_scaffold08230_6551	Ca_desig_scaffold	6551	[C/T]	NA
Ca_DesigChr_scaffold08230_6552	Ca_desig_scaffold	6552	[T/C]	NA
Ca_DesigChr_scaffold08230_6553	Ca_desig_scaffold	6553	[A/G]	NA
Ca_DesigChr_scaffold08230_6554	Ca_desig_scaffold	6554	[T/C]	NA
Ca_DesigChr_scaffold08230_6555	Ca_desig_scaffold	6555	[C/T]	NA
Ca_DesigChr_scaffold08230_6556	Ca_desig_scaffold	6556	[T/C]	NA
Ca_DesigChr_scaffold08230_6557	Ca_desig_scaffold	6557	[A/G]	NA
Ca_DesigChr_scaffold08230_6558	Ca_desig_scaffold	6558	[T/C]	NA
Ca_DesigChr_scaffold08230_6559	Ca_desig_scaffold	6559	[C/T]	NA
Ca_DesigChr_scaffold08230_6560	Ca_desig_scaffold	6560	[A/G]	NA
Ca_DesigChr_scaffold08230_6561	Ca_desig_scaffold	6561	[C/T]	NA
Ca_DesigChr_scaffold08230_6562	Ca_desig_scaffold	6562	[C/T]	NA
Ca_DesigChr_scaffold08230_6563	Ca_desig_scaffold	6563	[T/C]	NA
Ca_DesigChr_scaffold08230_6565	Ca_desig_scaffold	6565	[T/C]	NA
Ca_DesigChr_scaffold08230_6566	Ca_desig_scaffold	6566	[G/A]	NA
Ca_DesigChr_scaffold08230_6567	Ca_desig_scaffold	6567	[C/T]	NA
Ca_DesigChr_scaffold08230_6568	Ca_desig_scaffold	6568	[T/C]	NA
Ca_DesigChr_scaffold08230_6569	Ca_desig_scaffold	6569	[A/G]	NA
Ca_DesigChr_scaffold08230_6570	Ca_desig_scaffold	6570	[C/T]	NA
Ca_DesigChr_scaffold08230_6571	Ca_desig_scaffold	6571	[A/G]	NA
Ca_DesigChr_scaffold08230_6574	Ca_desig_scaffold	6574	[A/G]	NA
Ca_DesigChr_scaffold08230_6575	Ca_desig_scaffold	6575	[G/A]	NA
Ca_DesigChr_scaffold08230_6576	Ca_desig_scaffold	6576	[A/G]	NA
Ca_DesigChr_scaffold08230_6577	Ca_desig_scaffold	6577	[T/C]	NA
Ca_DesigChr_scaffold08230_6578	Ca_desig_scaffold	6578	[T/C]	NA
Ca_DesigChr_scaffold08230_6579	Ca_desig_scaffold	6579	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold08230_6580	Ca_desig_scaffold	6580	[A/G]	NA
Ca_Desig_Chr_scaffold08230_6582	Ca_desig_scaffold	6582	[G/A]	NA
Ca_Desig_Chr_scaffold08230_6583	Ca_desig_scaffold	6583	[A/G]	NA
Ca_Desig_Chr_scaffold08230_6584	Ca_desig_scaffold	6584	[A/G]	NA
Ca_Desig_Chr_scaffold08230_6585	Ca_desig_scaffold	6585	[C/T]	NA
Ca_Desig_Chr_scaffold08230_6586	Ca_desig_scaffold	6586	[C/T]	NA
Ca_Desig_Chr_scaffold08230_6587	Ca_desig_scaffold	6587	[T/C]	NA
Ca_Desig_Chr_scaffold08230_6588	Ca_desig_scaffold	6588	[G/A]	NA
Ca_Desig_Chr_scaffold08230_6589	Ca_desig_scaffold	6589	[C/T]	NA
Ca_Desig_Chr_scaffold08230_6590	Ca_desig_scaffold	6590	[T/C]	NA
Ca_Desig_Chr_scaffold08230_6591	Ca_desig_scaffold	6591	[T/C]	NA
Ca_Desig_Chr_scaffold08230_6592	Ca_desig_scaffold	6592	[T/C]	NA
Ca_Desig_Chr_scaffold08230_6594	Ca_desig_scaffold	6594	[A/G]	NA
Ca_Desig_Chr_scaffold08230_6595	Ca_desig_scaffold	6595	[T/C]	NA
Ca_Desig_Chr_scaffold08230_6596	Ca_desig_scaffold	6596	[T/C]	NA
Ca_Desig_Chr_scaffold08230_6597	Ca_desig_scaffold	6597	[A/G]	NA
Ca_Desig_Chr_scaffold08239_1024	Ca_desig_scaffold	1024	[A/C]	NA
Ca_Desig_Chr_scaffold08239_1033	Ca_desig_scaffold	1033	[C/A]	NA
Ca_Desig_Chr_scaffold08245_4000	Ca_desig_scaffold	4000	[G/A]	NA
Ca_Desig_Chr_scaffold08245_4030	Ca_desig_scaffold	4030	[C/T]	NA
Ca_Desig_Chr_scaffold08245_4038	Ca_desig_scaffold	4038	[G/A]	NA
Ca_Desig_Chr_scaffold08249_5640	Ca_desig_scaffold	5640	[C/T]	NA
Ca_Desig_Chr_scaffold08257_5542	Ca_desig_scaffold	5542	[A/C]	NA
Ca_Desig_Chr_scaffold08257_5566	Ca_desig_scaffold	5566	[A/C]	NA
Ca_Desig_Chr_scaffold08272_270	Ca_desig_scaffold	270	[T/C]	NA
Ca_Desig_Chr_scaffold08274_2347	Ca_desig_scaffold	2347	[A/G]	NA
Ca_Desig_Chr_scaffold08274_2350	Ca_desig_scaffold	2350	[A/G]	NA
Ca_Desig_Chr_scaffold08274_2351	Ca_desig_scaffold	2351	[C/T]	NA
Ca_Desig_Chr_scaffold08274_2364	Ca_desig_scaffold	2364	[T/C]	NA
Ca_Desig_Chr_scaffold08286_2732	Ca_desig_scaffold	2732	[A/T]	NA
Ca_Desig_Chr_scaffold08306_4999	Ca_desig_scaffold	4999	[T/C]	NA
Ca_Desig_Chr_scaffold08317_4432	Ca_desig_scaffold	4432	[A/G]	NA
Ca_Desig_Chr_scaffold08317_4434	Ca_desig_scaffold	4434	[A/C]	NA
Ca_Desig_Chr_scaffold08317_4447	Ca_desig_scaffold	4447	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold08317_4459	Ca_desi_scaffold	4459	[A/C]	NA
Ca_Desi_Ch_scaffold08364_2177	Ca_desi_scaffold	2177	[A/T]	NA
Ca_Desi_Ch_scaffold08418_698	Ca_desi_scaffold	698	[A/G]	NA
Ca_Desi_Ch_scaffold08418_886	Ca_desi_scaffold	886	[G/T]	NA
Ca_Desi_Ch_scaffold08418_890	Ca_desi_scaffold	890	[G/C]	NA
Ca_Desi_Ch_scaffold08418_1039	Ca_desi_scaffold	1039	[G/T]	NA
Ca_Desi_Ch_scaffold08418_3085	Ca_desi_scaffold	3085	[T/A]	NA
Ca_Desi_Ch_scaffold08418_3093	Ca_desi_scaffold	3093	[T/A]	NA
Ca_Desi_Ch_scaffold08418_3120	Ca_desi_scaffold	3120	[T/A]	NA
Ca_Desi_Ch_scaffold08418_3123	Ca_desi_scaffold	3123	[A/G]	NA
Ca_Desi_Ch_scaffold08433_2030	Ca_desi_scaffold	2030	[A/C]	NA
Ca_Desi_Ch_scaffold08433_2035	Ca_desi_scaffold	2035	[T/C]	NA
Ca_Desi_Ch_scaffold08433_2046	Ca_desi_scaffold	2046	[G/C]	NA
Ca_Desi_Ch_scaffold08433_2050	Ca_desi_scaffold	2050	[A/C]	NA
Ca_Desi_Ch_scaffold08433_2061	Ca_desi_scaffold	2061	[T/C]	NA
Ca_Desi_Ch_scaffold08433_2064	Ca_desi_scaffold	2064	[T/C]	NA
Ca_Desi_Ch_scaffold08433_2068	Ca_desi_scaffold	2068	[A/G]	NA
Ca_Desi_Ch_scaffold08433_2078	Ca_desi_scaffold	2078	[T/C]	NA
Ca_Desi_Ch_scaffold08499_2277	Ca_desi_scaffold	2277	[G/A]	NA
Ca_Desi_Ch_scaffold08555_4275	Ca_desi_scaffold	4275	[G/A]	NA
Ca_Desi_Ch_scaffold08555_4302	Ca_desi_scaffold	4302	[C/T]	NA
Ca_Desi_Ch_scaffold08555_4303	Ca_desi_scaffold	4303	[T/A]	NA
Ca_Desi_Ch_scaffold08555_4333	Ca_desi_scaffold	4333	[T/G]	NA
Ca_Desi_Ch_scaffold08572_4826	Ca_desi_scaffold	4826	[A/C]	NA
Ca_Desi_Ch_scaffold08594_2119	Ca_desi_scaffold	2119	[A/C]	NA
Ca_Desi_Ch_scaffold08594_3232	Ca_desi_scaffold	3232	[T/G]	NA
Ca_Desi_Ch_scaffold08617_402	Ca_desi_scaffold	402	[T/G]	NA
Ca_Desi_Ch_scaffold08617_622	Ca_desi_scaffold	622	[C/T]	NA
Ca_Desi_Ch_scaffold08617_4791	Ca_desi_scaffold	4791	[A/C]	NA
Ca_Desi_Ch_scaffold08617_4804	Ca_desi_scaffold	4804	[A/C]	NA
Ca_Desi_Ch_scaffold08617_4816	Ca_desi_scaffold	4816	[A/G]	NA
Ca_Desi_Ch_scaffold08627_2708	Ca_desi_scaffold	2708	[T/C]	NA
Ca_Desi_Ch_scaffold08627_2861	Ca_desi_scaffold	2861	[G/A]	NA
Ca_Desi_Ch_scaffold08653_5630	Ca_desi_scaffold	5630	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold08686_4911	Ca_desig_scaffold	4911	[T/G]	NA
Ca_Desig_Chr_scaffold08711_2031	Ca_desig_scaffold	2031	[G/C]	NA
Ca_Desig_Chr_scaffold08711_2035	Ca_desig_scaffold	2035	[G/A]	NA
Ca_Desig_Chr_scaffold08711_2968	Ca_desig_scaffold	2968	[G/A]	NA
Ca_Desig_Chr_scaffold08723_78	Ca_desig_scaffold	78	[G/A]	NA
Ca_Desig_Chr_scaffold08723_80	Ca_desig_scaffold	80	[C/T]	NA
Ca_Desig_Chr_scaffold08723_88	Ca_desig_scaffold	88	[A/T]	NA
Ca_Desig_Chr_scaffold08723_104	Ca_desig_scaffold	104	[C/T]	NA
Ca_Desig_Chr_scaffold08723_108	Ca_desig_scaffold	108	[G/A]	NA
Ca_Desig_Chr_scaffold08723_4784	Ca_desig_scaffold	4784	[A/C]	NA
Ca_Desig_Chr_scaffold08742_908	Ca_desig_scaffold	908	[T/C]	NA
Ca_Desig_Chr_scaffold08742_918	Ca_desig_scaffold	918	[T/C]	NA
Ca_Desig_Chr_scaffold08742_922	Ca_desig_scaffold	922	[C/G]	NA
Ca_Desig_Chr_scaffold08742_930	Ca_desig_scaffold	930	[A/C]	NA
Ca_Desig_Chr_scaffold08742_955	Ca_desig_scaffold	955	[T/C]	NA
Ca_Desig_Chr_scaffold08742_959	Ca_desig_scaffold	959	[T/C]	NA
Ca_Desig_Chr_scaffold08742_963	Ca_desig_scaffold	963	[A/G]	NA
Ca_Desig_Chr_scaffold08874_350	Ca_desig_scaffold	350	[A/C]	NA
Ca_Desig_Chr_scaffold08916_4239	Ca_desig_scaffold	4239	[T/C]	NA
Ca_Desig_Chr_scaffold08916_4269	Ca_desig_scaffold	4269	[T/G]	NA
Ca_Desig_Chr_scaffold08937_105	Ca_desig_scaffold	105	[A/G]	NA
Ca_Desig_Chr_scaffold08937_108	Ca_desig_scaffold	108	[A/T]	NA
Ca_Desig_Chr_scaffold08937_118	Ca_desig_scaffold	118	[T/C]	NA
Ca_Desig_Chr_scaffold08937_132	Ca_desig_scaffold	132	[T/C]	NA
Ca_Desig_Chr_scaffold08937_146	Ca_desig_scaffold	146	[A/G]	NA
Ca_Desig_Chr_scaffold08937_151	Ca_desig_scaffold	151	[T/C]	NA
Ca_Desig_Chr_scaffold08937_154	Ca_desig_scaffold	154	[T/C]	NA
Ca_Desig_Chr_scaffold08937_155	Ca_desig_scaffold	155	[T/C]	NA
Ca_Desig_Chr_scaffold08937_1771	Ca_desig_scaffold	1771	[T/G]	NA
Ca_Desig_Chr_scaffold08937_3012	Ca_desig_scaffold	3012	[T/C]	NA
Ca_Desig_Chr_scaffold08937_3381	Ca_desig_scaffold	3381	[T/C]	NA
Ca_Desig_Chr_scaffold08937_3387	Ca_desig_scaffold	3387	[T/A]	NA
Ca_Desig_Chr_scaffold08937_4235	Ca_desig_scaffold	4235	[A/G]	NA
Ca_Desig_Chr_scaffold08937_4248	Ca_desig_scaffold	4248	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold08937_4254	Ca_desi_scaffold	4254	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4260	Ca_desi_scaffold	4260	[G/A]	NA
Ca_Desi_Ch_scaffold08937_4265	Ca_desi_scaffold	4265	[T/G]	NA
Ca_Desi_Ch_scaffold08937_4268	Ca_desi_scaffold	4268	[T/G]	NA
Ca_Desi_Ch_scaffold08937_4273	Ca_desi_scaffold	4273	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4276	Ca_desi_scaffold	4276	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4279	Ca_desi_scaffold	4279	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4281	Ca_desi_scaffold	4281	[A/G]	NA
Ca_Desi_Ch_scaffold08937_4282	Ca_desi_scaffold	4282	[A/G]	NA
Ca_Desi_Ch_scaffold08937_4283	Ca_desi_scaffold	4283	[A/G]	NA
Ca_Desi_Ch_scaffold08937_4285	Ca_desi_scaffold	4285	[A/G]	NA
Ca_Desi_Ch_scaffold08937_4286	Ca_desi_scaffold	4286	[A/G]	NA
Ca_Desi_Ch_scaffold08937_4440	Ca_desi_scaffold	4440	[G/A]	NA
Ca_Desi_Ch_scaffold08937_4441	Ca_desi_scaffold	4441	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4442	Ca_desi_scaffold	4442	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4443	Ca_desi_scaffold	4443	[G/T]	NA
Ca_Desi_Ch_scaffold08937_4445	Ca_desi_scaffold	4445	[A/G]	NA
Ca_Desi_Ch_scaffold08937_4452	Ca_desi_scaffold	4452	[A/G]	NA
Ca_Desi_Ch_scaffold08937_4455	Ca_desi_scaffold	4455	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4460	Ca_desi_scaffold	4460	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4469	Ca_desi_scaffold	4469	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4470	Ca_desi_scaffold	4470	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4478	Ca_desi_scaffold	4478	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4480	Ca_desi_scaffold	4480	[A/G]	NA
Ca_Desi_Ch_scaffold08937_4481	Ca_desi_scaffold	4481	[T/C]	NA
Ca_Desi_Ch_scaffold08937_4483	Ca_desi_scaffold	4483	[A/G]	NA
Ca_Desi_Ch_scaffold08937_4486	Ca_desi_scaffold	4486	[A/G]	NA
Ca_Desi_Ch_scaffold08937_4490	Ca_desi_scaffold	4490	[A/G]	NA
Ca_Desi_Ch_scaffold08937_4494	Ca_desi_scaffold	4494	[C/T]	NA
Ca_Desi_Ch_scaffold08953_2468	Ca_desi_scaffold	2468	[T/C]	NA
Ca_Desi_Ch_scaffold08953_2472	Ca_desi_scaffold	2472	[T/C]	NA
Ca_Desi_Ch_scaffold08953_2475	Ca_desi_scaffold	2475	[T/C]	NA
Ca_Desi_Ch_scaffold08953_2495	Ca_desi_scaffold	2495	[A/C]	NA
Ca_Desi_Ch_scaffold08997_1165	Ca_desi_scaffold	1165	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold08997_1176	Ca_desig_scaffold	1176	[G/A]	NA
Ca_Desig_Chr_scaffold08997_1178	Ca_desig_scaffold	1178	[G/C]	NA
Ca_Desig_Chr_scaffold08997_1193	Ca_desig_scaffold	1193	[G/A]	NA
Ca_Desig_Chr_scaffold08997_1210	Ca_desig_scaffold	1210	[A/G]	NA
Ca_Desig_Chr_scaffold08997_1223	Ca_desig_scaffold	1223	[T/A]	NA
Ca_Desig_Chr_scaffold09037_3773	Ca_desig_scaffold	3773	[T/A]	NA
Ca_Desig_Chr_scaffold09037_3776	Ca_desig_scaffold	3776	[A/C]	NA
Ca_Desig_Chr_scaffold09037_3790	Ca_desig_scaffold	3790	[T/C]	NA
Ca_Desig_Chr_scaffold09037_3791	Ca_desig_scaffold	3791	[T/C]	NA
Ca_Desig_Chr_scaffold09037_3810	Ca_desig_scaffold	3810	[G/A]	NA
Ca_Desig_Chr_scaffold09037_3812	Ca_desig_scaffold	3812	[A/G]	NA
Ca_Desig_Chr_scaffold09037_3814	Ca_desig_scaffold	3814	[T/A]	NA
Ca_Desig_Chr_scaffold09037_3827	Ca_desig_scaffold	3827	[T/A]	NA
Ca_Desig_Chr_scaffold09037_3849	Ca_desig_scaffold	3849	[A/G]	NA
Ca_Desig_Chr_scaffold09037_3879	Ca_desig_scaffold	3879	[T/C]	NA
Ca_Desig_Chr_scaffold09108_2606	Ca_desig_scaffold	2606	[T/A]	NA
Ca_Desig_Chr_scaffold09143_5706	Ca_desig_scaffold	5706	[T/G]	NA
Ca_Desig_Chr_scaffold09143_5711	Ca_desig_scaffold	5711	[T/G]	NA
Ca_Desig_Chr_scaffold09143_5713	Ca_desig_scaffold	5713	[A/G]	NA
Ca_Desig_Chr_scaffold09143_5717	Ca_desig_scaffold	5717	[A/G]	NA
Ca_Desig_Chr_scaffold09143_5721	Ca_desig_scaffold	5721	[A/G]	NA
Ca_Desig_Chr_scaffold09239_2325	Ca_desig_scaffold	2325	[G/T]	NA
Ca_Desig_Chr_scaffold09239_2364	Ca_desig_scaffold	2364	[A/G]	NA
Ca_Desig_Chr_scaffold09239_2402	Ca_desig_scaffold	2402	[T/C]	NA
Ca_Desig_Chr_scaffold09239_2438	Ca_desig_scaffold	2438	[A/C]	NA
Ca_Desig_Chr_scaffold09239_2494	Ca_desig_scaffold	2494	[C/G]	NA
Ca_Desig_Chr_scaffold09239_2541	Ca_desig_scaffold	2541	[A/T]	NA
Ca_Desig_Chr_scaffold09239_2579	Ca_desig_scaffold	2579	[A/C]	NA
Ca_Desig_Chr_scaffold09239_2580	Ca_desig_scaffold	2580	[C/T]	NA
Ca_Desig_Chr_scaffold09239_2643	Ca_desig_scaffold	2643	[A/C]	NA
Ca_Desig_Chr_scaffold09255_3471	Ca_desig_scaffold	3471	[G/T]	NA
Ca_Desig_Chr_scaffold09257_1645	Ca_desig_scaffold	1645	[T/C]	NA
Ca_Desig_Chr_scaffold09260_1463	Ca_desig_scaffold	1463	[A/C]	NA
Ca_Desig_Chr_scaffold09334_2164	Ca_desig_scaffold	2164	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold09334_2179	Ca_desi_scaffold	2179	[T/G]	NA
Ca_Desi_Ch_scaffold09397_4019	Ca_desi_scaffold	4019	[T/C]	NA
Ca_Desi_Ch_scaffold09397_4029	Ca_desi_scaffold	4029	[A/C]	NA
Ca_Desi_Ch_scaffold09397_4082	Ca_desi_scaffold	4082	[T/G]	NA
Ca_Desi_Ch_scaffold09397_4117	Ca_desi_scaffold	4117	[T/G]	NA
Ca_Desi_Ch_scaffold09397_4120	Ca_desi_scaffold	4120	[T/G]	NA
Ca_Desi_Ch_scaffold09398_511	Ca_desi_scaffold	511	[A/G]	NA
Ca_Desi_Ch_scaffold09425_1759	Ca_desi_scaffold	1759	[T/C]	NA
Ca_Desi_Ch_scaffold09425_1777	Ca_desi_scaffold	1777	[T/G]	NA
Ca_Desi_Ch_scaffold09425_1820	Ca_desi_scaffold	1820	[A/G]	NA
Ca_Desi_Ch_scaffold09425_1822	Ca_desi_scaffold	1822	[G/T]	NA
Ca_Desi_Ch_scaffold09476_2724	Ca_desi_scaffold	2724	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2730	Ca_desi_scaffold	2730	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2731	Ca_desi_scaffold	2731	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2733	Ca_desi_scaffold	2733	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2734	Ca_desi_scaffold	2734	[C/T]	NA
Ca_Desi_Ch_scaffold09476_2735	Ca_desi_scaffold	2735	[G/A]	NA
Ca_Desi_Ch_scaffold09476_2736	Ca_desi_scaffold	2736	[A/G]	NA
Ca_Desi_Ch_scaffold09476_2737	Ca_desi_scaffold	2737	[G/A]	NA
Ca_Desi_Ch_scaffold09476_2738	Ca_desi_scaffold	2738	[C/T]	NA
Ca_Desi_Ch_scaffold09476_2739	Ca_desi_scaffold	2739	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2740	Ca_desi_scaffold	2740	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2741	Ca_desi_scaffold	2741	[A/T]	NA
Ca_Desi_Ch_scaffold09476_2742	Ca_desi_scaffold	2742	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2743	Ca_desi_scaffold	2743	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2744	Ca_desi_scaffold	2744	[C/T]	NA
Ca_Desi_Ch_scaffold09476_2745	Ca_desi_scaffold	2745	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2746	Ca_desi_scaffold	2746	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2747	Ca_desi_scaffold	2747	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2748	Ca_desi_scaffold	2748	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2749	Ca_desi_scaffold	2749	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2750	Ca_desi_scaffold	2750	[A/T]	NA
Ca_Desi_Ch_scaffold09476_2751	Ca_desi_scaffold	2751	[A/G]	NA
Ca_Desi_Ch_scaffold09476_2752	Ca_desi_scaffold	2752	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold09476_2753	Ca_desi_scaffold	2753	[A/G]	NA
Ca_Desi_Ch_scaffold09476_2755	Ca_desi_scaffold	2755	[A/G]	NA
Ca_Desi_Ch_scaffold09476_2757	Ca_desi_scaffold	2757	[T/C]	NA
Ca_Desi_Ch_scaffold09476_2758	Ca_desi_scaffold	2758	[G/A]	NA
Ca_Desi_Ch_scaffold09476_2759	Ca_desi_scaffold	2759	[A/G]	NA
Ca_Desi_Ch_scaffold09476_2760	Ca_desi_scaffold	2760	[T/C]	NA
Ca_Desi_Ch_scaffold09527_3049	Ca_desi_scaffold	3049	[T/G]	NA
Ca_Desi_Ch_scaffold09536_3187	Ca_desi_scaffold	3187	[A/G]	NA
Ca_Desi_Ch_scaffold09536_3225	Ca_desi_scaffold	3225	[T/G]	NA
Ca_Desi_Ch_scaffold09536_3227	Ca_desi_scaffold	3227	[T/G]	NA
Ca_Desi_Ch_scaffold09536_3235	Ca_desi_scaffold	3235	[A/G]	NA
Ca_Desi_Ch_scaffold09536_3247	Ca_desi_scaffold	3247	[T/C]	NA
Ca_Desi_Ch_scaffold09536_4788	Ca_desi_scaffold	4788	[T/G]	NA
Ca_Desi_Ch_scaffold09549_3572	Ca_desi_scaffold	3572	[T/G]	NA
Ca_Desi_Ch_scaffold09621_1607	Ca_desi_scaffold	1607	[T/G]	NA
Ca_Desi_Ch_scaffold09621_1713	Ca_desi_scaffold	1713	[G/T]	NA
Ca_Desi_Ch_scaffold09621_1728	Ca_desi_scaffold	1728	[T/G]	NA
Ca_Desi_Ch_scaffold09641_2687	Ca_desi_scaffold	2687	[T/C]	NA
Ca_Desi_Ch_scaffold09677_4142	Ca_desi_scaffold	4142	[G/A]	NA
Ca_Desi_Ch_scaffold09677_4159	Ca_desi_scaffold	4159	[C/T]	NA
Ca_Desi_Ch_scaffold09677_4174	Ca_desi_scaffold	4174	[C/T]	NA
Ca_Desi_Ch_scaffold09692_3436	Ca_desi_scaffold	3436	[A/C]	NA
Ca_Desi_Ch_scaffold09692_3442	Ca_desi_scaffold	3442	[A/C]	NA
Ca_Desi_Ch_scaffold09724_2749	Ca_desi_scaffold	2749	[A/T]	NA
Ca_Desi_Ch_scaffold09724_2806	Ca_desi_scaffold	2806	[A/T]	NA
Ca_Desi_Ch_scaffold09724_2809	Ca_desi_scaffold	2809	[C/T]	NA
Ca_Desi_Ch_scaffold09724_2810	Ca_desi_scaffold	2810	[T/C]	NA
Ca_Desi_Ch_scaffold09724_2811	Ca_desi_scaffold	2811	[C/T]	NA
Ca_Desi_Ch_scaffold09724_2812	Ca_desi_scaffold	2812	[C/T]	NA
Ca_Desi_Ch_scaffold09724_2813	Ca_desi_scaffold	2813	[G/A]	NA
Ca_Desi_Ch_scaffold09724_2814	Ca_desi_scaffold	2814	[C/T]	NA
Ca_Desi_Ch_scaffold09724_2815	Ca_desi_scaffold	2815	[A/G]	NA
Ca_Desi_Ch_scaffold09724_2816	Ca_desi_scaffold	2816	[T/C]	NA
Ca_Desi_Ch_scaffold09724_2817	Ca_desi_scaffold	2817	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold09724_2818	Ca_desi_scaffold	2818	[T/C]	NA
Ca_Desi_Chromosome_scaffold09724_2819	Ca_desi_scaffold	2819	[C/T]	NA
Ca_Desi_Chromosome_scaffold09724_2820	Ca_desi_scaffold	2820	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2822	Ca_desi_scaffold	2822	[G/A]	NA
Ca_Desi_Chromosome_scaffold09724_2823	Ca_desi_scaffold	2823	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2824	Ca_desi_scaffold	2824	[T/C]	NA
Ca_Desi_Chromosome_scaffold09724_2825	Ca_desi_scaffold	2825	[G/A]	NA
Ca_Desi_Chromosome_scaffold09724_2826	Ca_desi_scaffold	2826	[G/A]	NA
Ca_Desi_Chromosome_scaffold09724_2827	Ca_desi_scaffold	2827	[G/A]	NA
Ca_Desi_Chromosome_scaffold09724_2828	Ca_desi_scaffold	2828	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2829	Ca_desi_scaffold	2829	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2830	Ca_desi_scaffold	2830	[T/C]	NA
Ca_Desi_Chromosome_scaffold09724_2831	Ca_desi_scaffold	2831	[G/A]	NA
Ca_Desi_Chromosome_scaffold09724_2832	Ca_desi_scaffold	2832	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2833	Ca_desi_scaffold	2833	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2834	Ca_desi_scaffold	2834	[G/A]	NA
Ca_Desi_Chromosome_scaffold09724_2835	Ca_desi_scaffold	2835	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2836	Ca_desi_scaffold	2836	[T/C]	NA
Ca_Desi_Chromosome_scaffold09724_2837	Ca_desi_scaffold	2837	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2838	Ca_desi_scaffold	2838	[G/A]	NA
Ca_Desi_Chromosome_scaffold09724_2839	Ca_desi_scaffold	2839	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2840	Ca_desi_scaffold	2840	[C/T]	NA
Ca_Desi_Chromosome_scaffold09724_2841	Ca_desi_scaffold	2841	[T/C]	NA
Ca_Desi_Chromosome_scaffold09724_2842	Ca_desi_scaffold	2842	[T/C]	NA
Ca_Desi_Chromosome_scaffold09724_2843	Ca_desi_scaffold	2843	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2845	Ca_desi_scaffold	2845	[T/A]	NA
Ca_Desi_Chromosome_scaffold09724_2846	Ca_desi_scaffold	2846	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2847	Ca_desi_scaffold	2847	[T/C]	NA
Ca_Desi_Chromosome_scaffold09724_2848	Ca_desi_scaffold	2848	[C/T]	NA
Ca_Desi_Chromosome_scaffold09724_2849	Ca_desi_scaffold	2849	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2850	Ca_desi_scaffold	2850	[A/G]	NA
Ca_Desi_Chromosome_scaffold09724_2851	Ca_desi_scaffold	2851	[G/A]	NA
Ca_Desi_Chromosome_scaffold09724_2852	Ca_desi_scaffold	2852	[C/A]	NA
Ca_Desi_Chromosome_scaffold09724_2853	Ca_desi_scaffold	2853	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold09724_2854	Ca_desig_scaffold	2854	[A/G]	NA
Ca_Desig_Chr_scaffold09724_2855	Ca_desig_scaffold	2855	[C/T]	NA
Ca_Desig_Chr_scaffold09724_2856	Ca_desig_scaffold	2856	[T/C]	NA
Ca_Desig_Chr_scaffold09724_2857	Ca_desig_scaffold	2857	[T/C]	NA
Ca_Desig_Chr_scaffold09724_2858	Ca_desig_scaffold	2858	[T/C]	NA
Ca_Desig_Chr_scaffold09724_2860	Ca_desig_scaffold	2860	[A/G]	NA
Ca_Desig_Chr_scaffold09724_2861	Ca_desig_scaffold	2861	[G/A]	NA
Ca_Desig_Chr_scaffold09724_2862	Ca_desig_scaffold	2862	[G/A]	NA
Ca_Desig_Chr_scaffold09724_2863	Ca_desig_scaffold	2863	[C/T]	NA
Ca_Desig_Chr_scaffold09724_2864	Ca_desig_scaffold	2864	[T/C]	NA
Ca_Desig_Chr_scaffold09724_2865	Ca_desig_scaffold	2865	[A/G]	NA
Ca_Desig_Chr_scaffold09724_2866	Ca_desig_scaffold	2866	[G/A]	NA
Ca_Desig_Chr_scaffold09724_2868	Ca_desig_scaffold	2868	[A/G]	NA
Ca_Desig_Chr_scaffold09724_2979	Ca_desig_scaffold	2979	[T/G]	NA
Ca_Desig_Chr_scaffold09724_2981	Ca_desig_scaffold	2981	[C/A]	NA
Ca_Desig_Chr_scaffold09724_2982	Ca_desig_scaffold	2982	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3392	Ca_desig_scaffold	3392	[A/C]	NA
Ca_Desig_Chr_scaffold09724_3421	Ca_desig_scaffold	3421	[A/C]	NA
Ca_Desig_Chr_scaffold09724_3424	Ca_desig_scaffold	3424	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3454	Ca_desig_scaffold	3454	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3458	Ca_desig_scaffold	3458	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3459	Ca_desig_scaffold	3459	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3461	Ca_desig_scaffold	3461	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3463	Ca_desig_scaffold	3463	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3465	Ca_desig_scaffold	3465	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3467	Ca_desig_scaffold	3467	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3468	Ca_desig_scaffold	3468	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3469	Ca_desig_scaffold	3469	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3471	Ca_desig_scaffold	3471	[C/A]	NA
Ca_Desig_Chr_scaffold09724_3472	Ca_desig_scaffold	3472	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3474	Ca_desig_scaffold	3474	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3476	Ca_desig_scaffold	3476	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3477	Ca_desig_scaffold	3477	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3479	Ca_desig_scaffold	3479	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold09724_3480	Ca_desig_scaffold	3480	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3481	Ca_desig_scaffold	3481	[C/A]	NA
Ca_Desig_Chr_scaffold09724_3483	Ca_desig_scaffold	3483	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3487	Ca_desig_scaffold	3487	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3489	Ca_desig_scaffold	3489	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3490	Ca_desig_scaffold	3490	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3491	Ca_desig_scaffold	3491	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3492	Ca_desig_scaffold	3492	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3494	Ca_desig_scaffold	3494	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3497	Ca_desig_scaffold	3497	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3498	Ca_desig_scaffold	3498	[C/A]	NA
Ca_Desig_Chr_scaffold09724_3499	Ca_desig_scaffold	3499	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3500	Ca_desig_scaffold	3500	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3502	Ca_desig_scaffold	3502	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3503	Ca_desig_scaffold	3503	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3505	Ca_desig_scaffold	3505	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3506	Ca_desig_scaffold	3506	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3508	Ca_desig_scaffold	3508	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3509	Ca_desig_scaffold	3509	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3510	Ca_desig_scaffold	3510	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3511	Ca_desig_scaffold	3511	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3512	Ca_desig_scaffold	3512	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3513	Ca_desig_scaffold	3513	[G/C]	NA
Ca_Desig_Chr_scaffold09724_3581	Ca_desig_scaffold	3581	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3587	Ca_desig_scaffold	3587	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3588	Ca_desig_scaffold	3588	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3593	Ca_desig_scaffold	3593	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3594	Ca_desig_scaffold	3594	[G/T]	NA
Ca_Desig_Chr_scaffold09724_3600	Ca_desig_scaffold	3600	[T/A]	NA
Ca_Desig_Chr_scaffold09724_3603	Ca_desig_scaffold	3603	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3605	Ca_desig_scaffold	3605	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3606	Ca_desig_scaffold	3606	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3608	Ca_desig_scaffold	3608	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3610	Ca_desig_scaffold	3610	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold09724_3611	Ca_desig_scaffold	3611	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3614	Ca_desig_scaffold	3614	[A/C]	NA
Ca_Desig_Chr_scaffold09724_3617	Ca_desig_scaffold	3617	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3619	Ca_desig_scaffold	3619	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3626	Ca_desig_scaffold	3626	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3628	Ca_desig_scaffold	3628	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3632	Ca_desig_scaffold	3632	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3633	Ca_desig_scaffold	3633	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3640	Ca_desig_scaffold	3640	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3662	Ca_desig_scaffold	3662	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3663	Ca_desig_scaffold	3663	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3664	Ca_desig_scaffold	3664	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3665	Ca_desig_scaffold	3665	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3666	Ca_desig_scaffold	3666	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3667	Ca_desig_scaffold	3667	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3668	Ca_desig_scaffold	3668	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3669	Ca_desig_scaffold	3669	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3671	Ca_desig_scaffold	3671	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3672	Ca_desig_scaffold	3672	[G/T]	NA
Ca_Desig_Chr_scaffold09724_3673	Ca_desig_scaffold	3673	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3674	Ca_desig_scaffold	3674	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3675	Ca_desig_scaffold	3675	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3676	Ca_desig_scaffold	3676	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3677	Ca_desig_scaffold	3677	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3678	Ca_desig_scaffold	3678	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3679	Ca_desig_scaffold	3679	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3680	Ca_desig_scaffold	3680	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3681	Ca_desig_scaffold	3681	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3682	Ca_desig_scaffold	3682	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3683	Ca_desig_scaffold	3683	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3684	Ca_desig_scaffold	3684	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3685	Ca_desig_scaffold	3685	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3686	Ca_desig_scaffold	3686	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3687	Ca_desig_scaffold	3687	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold09724_3688	Ca_desig_scaffold	3688	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3689	Ca_desig_scaffold	3689	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3691	Ca_desig_scaffold	3691	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3692	Ca_desig_scaffold	3692	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3693	Ca_desig_scaffold	3693	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3694	Ca_desig_scaffold	3694	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3695	Ca_desig_scaffold	3695	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3696	Ca_desig_scaffold	3696	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3697	Ca_desig_scaffold	3697	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3700	Ca_desig_scaffold	3700	[G/C]	NA
Ca_Desig_Chr_scaffold09724_3702	Ca_desig_scaffold	3702	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3703	Ca_desig_scaffold	3703	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3704	Ca_desig_scaffold	3704	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3706	Ca_desig_scaffold	3706	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3707	Ca_desig_scaffold	3707	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3708	Ca_desig_scaffold	3708	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3709	Ca_desig_scaffold	3709	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3710	Ca_desig_scaffold	3710	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3711	Ca_desig_scaffold	3711	[A/C]	NA
Ca_Desig_Chr_scaffold09724_3712	Ca_desig_scaffold	3712	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3713	Ca_desig_scaffold	3713	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3714	Ca_desig_scaffold	3714	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3715	Ca_desig_scaffold	3715	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3716	Ca_desig_scaffold	3716	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3718	Ca_desig_scaffold	3718	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3719	Ca_desig_scaffold	3719	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3720	Ca_desig_scaffold	3720	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3721	Ca_desig_scaffold	3721	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3722	Ca_desig_scaffold	3722	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3723	Ca_desig_scaffold	3723	[C/T]	NA
Ca_Desig_Chr_scaffold09724_3724	Ca_desig_scaffold	3724	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3725	Ca_desig_scaffold	3725	[G/A]	NA
Ca_Desig_Chr_scaffold09724_3726	Ca_desig_scaffold	3726	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3727	Ca_desig_scaffold	3727	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold09724_3728	Ca_desi_scaffold	3728	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3729	Ca_desi_scaffold	3729	[G/A]	NA
Ca_Desi_Ch_scaffold09724_3730	Ca_desi_scaffold	3730	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3731	Ca_desi_scaffold	3731	[T/C]	NA
Ca_Desi_Ch_scaffold09724_3732	Ca_desi_scaffold	3732	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3736	Ca_desi_scaffold	3736	[T/C]	NA
Ca_Desi_Ch_scaffold09724_3737	Ca_desi_scaffold	3737	[C/T]	NA
Ca_Desi_Ch_scaffold09724_3738	Ca_desi_scaffold	3738	[C/T]	NA
Ca_Desi_Ch_scaffold09724_3739	Ca_desi_scaffold	3739	[T/C]	NA
Ca_Desi_Ch_scaffold09724_3740	Ca_desi_scaffold	3740	[T/C]	NA
Ca_Desi_Ch_scaffold09724_3741	Ca_desi_scaffold	3741	[T/C]	NA
Ca_Desi_Ch_scaffold09724_3744	Ca_desi_scaffold	3744	[C/T]	NA
Ca_Desi_Ch_scaffold09724_3745	Ca_desi_scaffold	3745	[G/A]	NA
Ca_Desi_Ch_scaffold09724_3746	Ca_desi_scaffold	3746	[C/T]	NA
Ca_Desi_Ch_scaffold09724_3747	Ca_desi_scaffold	3747	[T/C]	NA
Ca_Desi_Ch_scaffold09724_3748	Ca_desi_scaffold	3748	[G/A]	NA
Ca_Desi_Ch_scaffold09724_3760	Ca_desi_scaffold	3760	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3762	Ca_desi_scaffold	3762	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3764	Ca_desi_scaffold	3764	[T/A]	NA
Ca_Desi_Ch_scaffold09724_3770	Ca_desi_scaffold	3770	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3802	Ca_desi_scaffold	3802	[T/C]	NA
Ca_Desi_Ch_scaffold09724_3807	Ca_desi_scaffold	3807	[T/C]	NA
Ca_Desi_Ch_scaffold09724_3814	Ca_desi_scaffold	3814	[T/G]	NA
Ca_Desi_Ch_scaffold09724_3822	Ca_desi_scaffold	3822	[T/G]	NA
Ca_Desi_Ch_scaffold09724_3831	Ca_desi_scaffold	3831	[T/C]	NA
Ca_Desi_Ch_scaffold09724_3949	Ca_desi_scaffold	3949	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3954	Ca_desi_scaffold	3954	[T/C]	NA
Ca_Desi_Ch_scaffold09724_3960	Ca_desi_scaffold	3960	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3962	Ca_desi_scaffold	3962	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3967	Ca_desi_scaffold	3967	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3970	Ca_desi_scaffold	3970	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3971	Ca_desi_scaffold	3971	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3977	Ca_desi_scaffold	3977	[A/G]	NA
Ca_Desi_Ch_scaffold09724_3978	Ca_desi_scaffold	3978	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold09724_3986	Ca_desig_scaffold	3986	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3989	Ca_desig_scaffold	3989	[A/G]	NA
Ca_Desig_Chr_scaffold09724_3993	Ca_desig_scaffold	3993	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3994	Ca_desig_scaffold	3994	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3998	Ca_desig_scaffold	3998	[T/C]	NA
Ca_Desig_Chr_scaffold09724_3999	Ca_desig_scaffold	3999	[T/C]	NA
Ca_Desig_Chr_scaffold09724_4002	Ca_desig_scaffold	4002	[T/C]	NA
Ca_Desig_Chr_scaffold09780_1830	Ca_desig_scaffold	1830	[G/T]	NA
Ca_Desig_Chr_scaffold09780_1961	Ca_desig_scaffold	1961	[T/A]	NA
Ca_Desig_Chr_scaffold09780_2181	Ca_desig_scaffold	2181	[G/A]	NA
Ca_Desig_Chr_scaffold09780_2255	Ca_desig_scaffold	2255	[A/C]	NA
Ca_Desig_Chr_scaffold09780_3590	Ca_desig_scaffold	3590	[A/G]	NA
Ca_Desig_Chr_scaffold09909_3981	Ca_desig_scaffold	3981	[A/T]	NA
Ca_Desig_Chr_scaffold09909_4016	Ca_desig_scaffold	4016	[T/C]	NA
Ca_Desig_Chr_scaffold09909_4017	Ca_desig_scaffold	4017	[C/G]	NA
Ca_Desig_Chr_scaffold09948_5028	Ca_desig_scaffold	5028	[T/C]	NA
Ca_Desig_Chr_scaffold09962_273	Ca_desig_scaffold	273	[T/G]	NA
Ca_Desig_Chr_scaffold09962_707	Ca_desig_scaffold	707	[A/G]	NA
Ca_Desig_Chr_scaffold09962_748	Ca_desig_scaffold	748	[A/G]	NA
Ca_Desig_Chr_scaffold09962_761	Ca_desig_scaffold	761	[G/A]	NA
Ca_Desig_Chr_scaffold09962_762	Ca_desig_scaffold	762	[A/G]	NA
Ca_Desig_Chr_scaffold09962_764	Ca_desig_scaffold	764	[T/C]	NA
Ca_Desig_Chr_scaffold09962_765	Ca_desig_scaffold	765	[C/T]	NA
Ca_Desig_Chr_scaffold09962_766	Ca_desig_scaffold	766	[A/G]	NA
Ca_Desig_Chr_scaffold09962_767	Ca_desig_scaffold	767	[G/A]	NA
Ca_Desig_Chr_scaffold09962_768	Ca_desig_scaffold	768	[G/A]	NA
Ca_Desig_Chr_scaffold09962_769	Ca_desig_scaffold	769	[C/T]	NA
Ca_Desig_Chr_scaffold09962_770	Ca_desig_scaffold	770	[A/G]	NA
Ca_Desig_Chr_scaffold09962_771	Ca_desig_scaffold	771	[T/C]	NA
Ca_Desig_Chr_scaffold09962_772	Ca_desig_scaffold	772	[T/C]	NA
Ca_Desig_Chr_scaffold09962_773	Ca_desig_scaffold	773	[A/G]	NA
Ca_Desig_Chr_scaffold09962_774	Ca_desig_scaffold	774	[C/T]	NA
Ca_Desig_Chr_scaffold09962_775	Ca_desig_scaffold	775	[T/C]	NA
Ca_Desig_Chr_scaffold09962_776	Ca_desig_scaffold	776	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_scaffold09962_777	Ca_desi_scaffold	777	[A/G]	NA
Ca_Desi_Chr_scaffold09962_778	Ca_desi_scaffold	778	[A/G]	NA
Ca_Desi_Chr_scaffold09962_779	Ca_desi_scaffold	779	[T/C]	NA
Ca_Desi_Chr_scaffold09962_780	Ca_desi_scaffold	780	[A/G]	NA
Ca_Desi_Chr_scaffold09962_781	Ca_desi_scaffold	781	[G/A]	NA
Ca_Desi_Chr_scaffold09962_782	Ca_desi_scaffold	782	[A/G]	NA
Ca_Desi_Chr_scaffold09962_783	Ca_desi_scaffold	783	[G/A]	NA
Ca_Desi_Chr_scaffold09962_784	Ca_desi_scaffold	784	[G/A]	NA
Ca_Desi_Chr_scaffold09962_786	Ca_desi_scaffold	786	[G/A]	NA
Ca_Desi_Chr_scaffold09962_787	Ca_desi_scaffold	787	[C/T]	NA
Ca_Desi_Chr_scaffold09962_788	Ca_desi_scaffold	788	[A/G]	NA
Ca_Desi_Chr_scaffold09962_789	Ca_desi_scaffold	789	[A/G]	NA
Ca_Desi_Chr_scaffold09962_791	Ca_desi_scaffold	791	[G/A]	NA
Ca_Desi_Chr_scaffold09962_793	Ca_desi_scaffold	793	[T/C]	NA
Ca_Desi_Chr_scaffold09962_794	Ca_desi_scaffold	794	[T/C]	NA
Ca_Desi_Chr_scaffold09962_795	Ca_desi_scaffold	795	[A/G]	NA
Ca_Desi_Chr_scaffold09962_797	Ca_desi_scaffold	797	[A/G]	NA
Ca_Desi_Chr_scaffold09962_798	Ca_desi_scaffold	798	[G/A]	NA
Ca_Desi_Chr_scaffold09962_799	Ca_desi_scaffold	799	[A/G]	NA
Ca_Desi_Chr_scaffold09962_800	Ca_desi_scaffold	800	[A/G]	NA
Ca_Desi_Chr_scaffold09962_803	Ca_desi_scaffold	803	[A/G]	NA
Ca_Desi_Chr_scaffold09962_805	Ca_desi_scaffold	805	[T/C]	NA
Ca_Desi_Chr_scaffold09962_806	Ca_desi_scaffold	806	[T/C]	NA
Ca_Desi_Chr_scaffold09962_807	Ca_desi_scaffold	807	[A/G]	NA
Ca_Desi_Chr_scaffold09962_808	Ca_desi_scaffold	808	[A/G]	NA
Ca_Desi_Chr_scaffold09962_809	Ca_desi_scaffold	809	[A/G]	NA
Ca_Desi_Chr_scaffold09962_810	Ca_desi_scaffold	810	[C/T]	NA
Ca_Desi_Chr_scaffold09962_811	Ca_desi_scaffold	811	[A/G]	NA
Ca_Desi_Chr_scaffold09962_812	Ca_desi_scaffold	812	[A/G]	NA
Ca_Desi_Chr_scaffold09962_813	Ca_desi_scaffold	813	[C/T]	NA
Ca_Desi_Chr_scaffold09962_814	Ca_desi_scaffold	814	[C/T]	NA
Ca_Desi_Chr_scaffold09962_815	Ca_desi_scaffold	815	[A/G]	NA
Ca_Desi_Chr_scaffold09962_816	Ca_desi_scaffold	816	[C/T]	NA
Ca_Desi_Chr_scaffold09962_817	Ca_desi_scaffold	817	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_scaffold09962_818	Ca_desi_scaffold	818	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_819	Ca_desi_scaffold	819	[T/C]	NA
Ca_Desi_Chrom_scaffold09962_820	Ca_desi_scaffold	820	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_821	Ca_desi_scaffold	821	[T/C]	NA
Ca_Desi_Chrom_scaffold09962_822	Ca_desi_scaffold	822	[G/A]	NA
Ca_Desi_Chrom_scaffold09962_823	Ca_desi_scaffold	823	[C/T]	NA
Ca_Desi_Chrom_scaffold09962_824	Ca_desi_scaffold	824	[A/C]	NA
Ca_Desi_Chrom_scaffold09962_825	Ca_desi_scaffold	825	[C/T]	NA
Ca_Desi_Chrom_scaffold09962_826	Ca_desi_scaffold	826	[C/T]	NA
Ca_Desi_Chrom_scaffold09962_829	Ca_desi_scaffold	829	[T/C]	NA
Ca_Desi_Chrom_scaffold09962_830	Ca_desi_scaffold	830	[T/C]	NA
Ca_Desi_Chrom_scaffold09962_831	Ca_desi_scaffold	831	[C/T]	NA
Ca_Desi_Chrom_scaffold09962_832	Ca_desi_scaffold	832	[C/T]	NA
Ca_Desi_Chrom_scaffold09962_833	Ca_desi_scaffold	833	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_834	Ca_desi_scaffold	834	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_835	Ca_desi_scaffold	835	[T/C]	NA
Ca_Desi_Chrom_scaffold09962_836	Ca_desi_scaffold	836	[T/C]	NA
Ca_Desi_Chrom_scaffold09962_837	Ca_desi_scaffold	837	[G/A]	NA
Ca_Desi_Chrom_scaffold09962_838	Ca_desi_scaffold	838	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_839	Ca_desi_scaffold	839	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_840	Ca_desi_scaffold	840	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_841	Ca_desi_scaffold	841	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_842	Ca_desi_scaffold	842	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_844	Ca_desi_scaffold	844	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_845	Ca_desi_scaffold	845	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_846	Ca_desi_scaffold	846	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_847	Ca_desi_scaffold	847	[T/C]	NA
Ca_Desi_Chrom_scaffold09962_848	Ca_desi_scaffold	848	[T/C]	NA
Ca_Desi_Chrom_scaffold09962_849	Ca_desi_scaffold	849	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_850	Ca_desi_scaffold	850	[T/C]	NA
Ca_Desi_Chrom_scaffold09962_851	Ca_desi_scaffold	851	[A/G]	NA
Ca_Desi_Chrom_scaffold09962_853	Ca_desi_scaffold	853	[T/C]	NA
Ca_Desi_Chrom_scaffold09962_854	Ca_desi_scaffold	854	[C/T]	NA
Ca_Desi_Chrom_scaffold09962_855	Ca_desi_scaffold	855	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold09962_856	Ca_desig_scaffold	856	[T/C]	NA
Ca_Desig_Chr_scaffold09962_857	Ca_desig_scaffold	857	[A/G]	NA
Ca_Desig_Chr_scaffold09962_858	Ca_desig_scaffold	858	[T/C]	NA
Ca_Desig_Chr_scaffold09962_859	Ca_desig_scaffold	859	[A/G]	NA
Ca_Desig_Chr_scaffold09962_860	Ca_desig_scaffold	860	[T/C]	NA
Ca_Desig_Chr_scaffold09962_866	Ca_desig_scaffold	866	[T/C]	NA
Ca_Desig_Chr_scaffold09962_867	Ca_desig_scaffold	867	[G/A]	NA
Ca_Desig_Chr_scaffold09962_869	Ca_desig_scaffold	869	[C/T]	NA
Ca_Desig_Chr_scaffold09962_870	Ca_desig_scaffold	870	[A/G]	NA
Ca_Desig_Chr_scaffold09962_871	Ca_desig_scaffold	871	[A/G]	NA
Ca_Desig_Chr_scaffold09962_872	Ca_desig_scaffold	872	[T/C]	NA
Ca_Desig_Chr_scaffold09962_873	Ca_desig_scaffold	873	[G/A]	NA
Ca_Desig_Chr_scaffold09962_875	Ca_desig_scaffold	875	[A/G]	NA
Ca_Desig_Chr_scaffold09962_876	Ca_desig_scaffold	876	[T/C]	NA
Ca_Desig_Chr_scaffold09962_877	Ca_desig_scaffold	877	[T/C]	NA
Ca_Desig_Chr_scaffold09962_878	Ca_desig_scaffold	878	[C/T]	NA
Ca_Desig_Chr_scaffold09962_879	Ca_desig_scaffold	879	[T/C]	NA
Ca_Desig_Chr_scaffold09962_880	Ca_desig_scaffold	880	[G/A]	NA
Ca_Desig_Chr_scaffold09962_881	Ca_desig_scaffold	881	[T/C]	NA
Ca_Desig_Chr_scaffold09962_882	Ca_desig_scaffold	882	[G/A]	NA
Ca_Desig_Chr_scaffold09962_883	Ca_desig_scaffold	883	[A/G]	NA
Ca_Desig_Chr_scaffold09962_884	Ca_desig_scaffold	884	[T/C]	NA
Ca_Desig_Chr_scaffold09962_885	Ca_desig_scaffold	885	[C/T]	NA
Ca_Desig_Chr_scaffold09962_886	Ca_desig_scaffold	886	[G/A]	NA
Ca_Desig_Chr_scaffold09962_887	Ca_desig_scaffold	887	[A/G]	NA
Ca_Desig_Chr_scaffold09962_888	Ca_desig_scaffold	888	[A/G]	NA
Ca_Desig_Chr_scaffold09962_889	Ca_desig_scaffold	889	[T/C]	NA
Ca_Desig_Chr_scaffold09962_890	Ca_desig_scaffold	890	[G/A]	NA
Ca_Desig_Chr_scaffold09962_891	Ca_desig_scaffold	891	[C/T]	NA
Ca_Desig_Chr_scaffold09962_893	Ca_desig_scaffold	893	[A/G]	NA
Ca_Desig_Chr_scaffold09962_894	Ca_desig_scaffold	894	[T/C]	NA
Ca_Desig_Chr_scaffold09962_895	Ca_desig_scaffold	895	[T/C]	NA
Ca_Desig_Chr_scaffold09962_896	Ca_desig_scaffold	896	[A/G]	NA
Ca_Desig_Chr_scaffold09962_897	Ca_desig_scaffold	897	[G/T]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold09962_898	Ca_desi_scaffold	898	[A/G]	NA
Ca_Desi_Ch_scaffold09962_900	Ca_desi_scaffold	900	[A/G]	NA
Ca_Desi_Ch_scaffold09962_901	Ca_desi_scaffold	901	[A/G]	NA
Ca_Desi_Ch_scaffold09962_902	Ca_desi_scaffold	902	[A/G]	NA
Ca_Desi_Ch_scaffold09962_903	Ca_desi_scaffold	903	[A/G]	NA
Ca_Desi_Ch_scaffold09962_904	Ca_desi_scaffold	904	[T/C]	NA
Ca_Desi_Ch_scaffold09962_905	Ca_desi_scaffold	905	[T/C]	NA
Ca_Desi_Ch_scaffold09962_906	Ca_desi_scaffold	906	[G/A]	NA
Ca_Desi_Ch_scaffold09962_907	Ca_desi_scaffold	907	[C/A]	NA
Ca_Desi_Ch_scaffold09962_908	Ca_desi_scaffold	908	[T/C]	NA
Ca_Desi_Ch_scaffold09962_909	Ca_desi_scaffold	909	[C/T]	NA
Ca_Desi_Ch_scaffold09962_910	Ca_desi_scaffold	910	[A/G]	NA
Ca_Desi_Ch_scaffold09962_911	Ca_desi_scaffold	911	[A/G]	NA
Ca_Desi_Ch_scaffold09962_912	Ca_desi_scaffold	912	[T/C]	NA
Ca_Desi_Ch_scaffold09962_913	Ca_desi_scaffold	913	[A/G]	NA
Ca_Desi_Ch_scaffold09962_914	Ca_desi_scaffold	914	[T/C]	NA
Ca_Desi_Ch_scaffold09962_916	Ca_desi_scaffold	916	[A/G]	NA
Ca_Desi_Ch_scaffold09962_917	Ca_desi_scaffold	917	[A/G]	NA
Ca_Desi_Ch_scaffold09962_918	Ca_desi_scaffold	918	[A/G]	NA
Ca_Desi_Ch_scaffold09962_920	Ca_desi_scaffold	920	[A/G]	NA
Ca_Desi_Ch_scaffold09962_922	Ca_desi_scaffold	922	[A/G]	NA
Ca_Desi_Ch_scaffold09962_924	Ca_desi_scaffold	924	[A/G]	NA
Ca_Desi_Ch_scaffold09962_987	Ca_desi_scaffold	987	[A/G]	NA
Ca_Desi_Ch_scaffold09962_988	Ca_desi_scaffold	988	[A/G]	NA
Ca_Desi_Ch_scaffold09962_989	Ca_desi_scaffold	989	[G/A]	NA
Ca_Desi_Ch_scaffold09962_990	Ca_desi_scaffold	990	[A/G]	NA
Ca_Desi_Ch_scaffold09962_991	Ca_desi_scaffold	991	[T/C]	NA
Ca_Desi_Ch_scaffold09962_992	Ca_desi_scaffold	992	[A/G]	NA
Ca_Desi_Ch_scaffold09962_994	Ca_desi_scaffold	994	[A/G]	NA
Ca_Desi_Ch_scaffold09962_995	Ca_desi_scaffold	995	[A/G]	NA
Ca_Desi_Ch_scaffold09962_996	Ca_desi_scaffold	996	[C/T]	NA
Ca_Desi_Ch_scaffold09962_997	Ca_desi_scaffold	997	[C/G]	NA
Ca_Desi_Ch_scaffold09962_998	Ca_desi_scaffold	998	[G/A]	NA
Ca_Desi_Ch_scaffold09962_999	Ca_desi_scaffold	999	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold09962_1000	Ca_desig_scaffold	1000	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1001	Ca_desig_scaffold	1001	[T/C]	NA
Ca_Desig_Chr_scaffold09962_1002	Ca_desig_scaffold	1002	[G/A]	NA
Ca_Desig_Chr_scaffold09962_1003	Ca_desig_scaffold	1003	[C/T]	NA
Ca_Desig_Chr_scaffold09962_1004	Ca_desig_scaffold	1004	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1005	Ca_desig_scaffold	1005	[T/C]	NA
Ca_Desig_Chr_scaffold09962_1006	Ca_desig_scaffold	1006	[T/C]	NA
Ca_Desig_Chr_scaffold09962_1007	Ca_desig_scaffold	1007	[C/T]	NA
Ca_Desig_Chr_scaffold09962_1008	Ca_desig_scaffold	1008	[T/C]	NA
Ca_Desig_Chr_scaffold09962_1009	Ca_desig_scaffold	1009	[T/A]	NA
Ca_Desig_Chr_scaffold09962_1010	Ca_desig_scaffold	1010	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1011	Ca_desig_scaffold	1011	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1012	Ca_desig_scaffold	1012	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1013	Ca_desig_scaffold	1013	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1014	Ca_desig_scaffold	1014	[G/A]	NA
Ca_Desig_Chr_scaffold09962_1015	Ca_desig_scaffold	1015	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1016	Ca_desig_scaffold	1016	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1017	Ca_desig_scaffold	1017	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1018	Ca_desig_scaffold	1018	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1019	Ca_desig_scaffold	1019	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1020	Ca_desig_scaffold	1020	[G/C]	NA
Ca_Desig_Chr_scaffold09962_1021	Ca_desig_scaffold	1021	[C/T]	NA
Ca_Desig_Chr_scaffold09962_1022	Ca_desig_scaffold	1022	[G/A]	NA
Ca_Desig_Chr_scaffold09962_1024	Ca_desig_scaffold	1024	[T/C]	NA
Ca_Desig_Chr_scaffold09962_1025	Ca_desig_scaffold	1025	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1026	Ca_desig_scaffold	1026	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1028	Ca_desig_scaffold	1028	[G/A]	NA
Ca_Desig_Chr_scaffold09962_1029	Ca_desig_scaffold	1029	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1030	Ca_desig_scaffold	1030	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1031	Ca_desig_scaffold	1031	[T/G]	NA
Ca_Desig_Chr_scaffold09962_1032	Ca_desig_scaffold	1032	[T/G]	NA
Ca_Desig_Chr_scaffold09962_1033	Ca_desig_scaffold	1033	[A/G]	NA
Ca_Desig_Chr_scaffold09962_1035	Ca_desig_scaffold	1035	[G/A]	NA
Ca_Desig_Chr_scaffold09962_1036	Ca_desig_scaffold	1036	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold09962_1037	Ca_desig_scaffold	1037	[T/C]	NA
Ca_Desig_Chr_scaffold09962_1038	Ca_desig_scaffold	1038	[G/A]	NA
Ca_Desig_Chr_scaffold09962_1040	Ca_desig_scaffold	1040	[G/T]	NA
Ca_Desig_Chr_scaffold09962_1041	Ca_desig_scaffold	1041	[C/T]	NA
Ca_Desig_Chr_scaffold09962_1042	Ca_desig_scaffold	1042	[C/T]	NA
Ca_Desig_Chr_scaffold09962_1043	Ca_desig_scaffold	1043	[G/A]	NA
Ca_Desig_Chr_scaffold09962_1044	Ca_desig_scaffold	1044	[G/A]	NA
Ca_Desig_Chr_scaffold09962_1384	Ca_desig_scaffold	1384	[A/C]	NA
Ca_Desig_Chr_scaffold09962_2838	Ca_desig_scaffold	2838	[A/C]	NA
Ca_Desig_Chr_scaffold09991_1317	Ca_desig_scaffold	1317	[T/G]	NA
Ca_Desig_Chr_scaffold09991_1322	Ca_desig_scaffold	1322	[A/G]	NA
Ca_Desig_Chr_scaffold10015_74	Ca_desig_scaffold	74	[G/T]	NA
Ca_Desig_Chr_scaffold10015_434	Ca_desig_scaffold	434	[T/G]	NA
Ca_Desig_Chr_scaffold10015_1166	Ca_desig_scaffold	1166	[T/G]	NA
Ca_Desig_Chr_scaffold10015_3285	Ca_desig_scaffold	3285	[A/G]	NA
Ca_Desig_Chr_scaffold10015_3310	Ca_desig_scaffold	3310	[A/G]	NA
Ca_Desig_Chr_scaffold10015_3312	Ca_desig_scaffold	3312	[A/G]	NA
Ca_Desig_Chr_scaffold10015_3314	Ca_desig_scaffold	3314	[A/G]	NA
Ca_Desig_Chr_scaffold10015_3319	Ca_desig_scaffold	3319	[A/G]	NA
Ca_Desig_Chr_scaffold10015_3327	Ca_desig_scaffold	3327	[T/A]	NA
Ca_Desig_Chr_scaffold10015_3337	Ca_desig_scaffold	3337	[T/C]	NA
Ca_Desig_Chr_scaffold10015_3338	Ca_desig_scaffold	3338	[G/A]	NA
Ca_Desig_Chr_scaffold10015_3593	Ca_desig_scaffold	3593	[A/G]	NA
Ca_Desig_Chr_scaffold10015_3594	Ca_desig_scaffold	3594	[A/G]	NA
Ca_Desig_Chr_scaffold10015_3598	Ca_desig_scaffold	3598	[C/T]	NA
Ca_Desig_Chr_scaffold10015_3604	Ca_desig_scaffold	3604	[T/C]	NA
Ca_Desig_Chr_scaffold10015_3624	Ca_desig_scaffold	3624	[A/G]	NA
Ca_Desig_Chr_scaffold10015_3634	Ca_desig_scaffold	3634	[T/C]	NA
Ca_Desig_Chr_scaffold10015_3638	Ca_desig_scaffold	3638	[A/G]	NA
Ca_Desig_Chr_scaffold10015_3651	Ca_desig_scaffold	3651	[G/C]	NA
Ca_Desig_Chr_scaffold10015_3652	Ca_desig_scaffold	3652	[T/C]	NA
Ca_Desig_Chr_scaffold10015_3653	Ca_desig_scaffold	3653	[A/G]	NA
Ca_Desig_Chr_scaffold10015_3654	Ca_desig_scaffold	3654	[A/G]	NA
Ca_Desig_Chr_scaffold10015_3658	Ca_desig_scaffold	3658	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_scaffold10015_3660	Ca_desi_scaffold	3660	[A/G]	NA
Ca_Desi_Chr_scaffold10015_3662	Ca_desi_scaffold	3662	[A/G]	NA
Ca_Desi_Chr_scaffold10015_3664	Ca_desi_scaffold	3664	[C/T]	NA
Ca_Desi_Chr_scaffold10015_3666	Ca_desi_scaffold	3666	[A/G]	NA
Ca_Desi_Chr_scaffold10015_3667	Ca_desi_scaffold	3667	[T/C]	NA
Ca_Desi_Chr_scaffold10015_3668	Ca_desi_scaffold	3668	[T/C]	NA
Ca_Desi_Chr_scaffold10015_3672	Ca_desi_scaffold	3672	[T/C]	NA
Ca_Desi_Chr_scaffold10015_3673	Ca_desi_scaffold	3673	[T/C]	NA
Ca_Desi_Chr_scaffold10015_3680	Ca_desi_scaffold	3680	[G/A]	NA
Ca_Desi_Chr_scaffold10015_3681	Ca_desi_scaffold	3681	[A/G]	NA
Ca_Desi_Chr_scaffold10015_3683	Ca_desi_scaffold	3683	[A/G]	NA
Ca_Desi_Chr_scaffold10015_3685	Ca_desi_scaffold	3685	[A/G]	NA
Ca_Desi_Chr_scaffold10015_3687	Ca_desi_scaffold	3687	[A/G]	NA
Ca_Desi_Chr_scaffold10015_3688	Ca_desi_scaffold	3688	[A/G]	NA
Ca_Desi_Chr_scaffold10015_3689	Ca_desi_scaffold	3689	[T/C]	NA
Ca_Desi_Chr_scaffold10015_3693	Ca_desi_scaffold	3693	[C/T]	NA
Ca_Desi_Chr_scaffold10015_3694	Ca_desi_scaffold	3694	[G/A]	NA
Ca_Desi_Chr_scaffold10015_3698	Ca_desi_scaffold	3698	[A/G]	NA
Ca_Desi_Chr_scaffold10015_3699	Ca_desi_scaffold	3699	[C/T]	NA
Ca_Desi_Chr_scaffold10015_3701	Ca_desi_scaffold	3701	[A/G]	NA
Ca_Desi_Chr_scaffold10015_3703	Ca_desi_scaffold	3703	[C/A]	NA
Ca_Desi_Chr_scaffold10015_3706	Ca_desi_scaffold	3706	[T/C]	NA
Ca_Desi_Chr_scaffold10015_3708	Ca_desi_scaffold	3708	[T/C]	NA
Ca_Desi_Chr_scaffold10015_3710	Ca_desi_scaffold	3710	[G/C]	NA
Ca_Desi_Chr_scaffold10015_3822	Ca_desi_scaffold	3822	[T/A]	NA
Ca_Desi_Chr_scaffold10015_3823	Ca_desi_scaffold	3823	[A/G]	NA
Ca_Desi_Chr_scaffold10015_3824	Ca_desi_scaffold	3824	[T/A]	NA
Ca_Desi_Chr_scaffold10015_3828	Ca_desi_scaffold	3828	[T/G]	NA
Ca_Desi_Chr_scaffold10015_3832	Ca_desi_scaffold	3832	[T/G]	NA
Ca_Desi_Chr_scaffold10015_3843	Ca_desi_scaffold	3843	[G/A]	NA
Ca_Desi_Chr_scaffold10015_3847	Ca_desi_scaffold	3847	[T/G]	NA
Ca_Desi_Chr_scaffold10015_3848	Ca_desi_scaffold	3848	[T/G]	NA
Ca_Desi_Chr_scaffold10015_3849	Ca_desi_scaffold	3849	[G/T]	NA
Ca_Desi_Chr_scaffold10015_3850	Ca_desi_scaffold	3850	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold10015_3851	Ca_desi_scaffold	3851	[T/C]	NA
Ca_Desi_Ch_scaffold10015_3852	Ca_desi_scaffold	3852	[T/G]	NA
Ca_Desi_Ch_scaffold10015_3854	Ca_desi_scaffold	3854	[T/C]	NA
Ca_Desi_Ch_scaffold10015_3855	Ca_desi_scaffold	3855	[T/C]	NA
Ca_Desi_Ch_scaffold10015_3857	Ca_desi_scaffold	3857	[A/G]	NA
Ca_Desi_Ch_scaffold10015_3859	Ca_desi_scaffold	3859	[A/G]	NA
Ca_Desi_Ch_scaffold10015_3860	Ca_desi_scaffold	3860	[A/G]	NA
Ca_Desi_Ch_scaffold10015_3864	Ca_desi_scaffold	3864	[T/C]	NA
Ca_Desi_Ch_scaffold10015_3865	Ca_desi_scaffold	3865	[A/G]	NA
Ca_Desi_Ch_scaffold10015_3866	Ca_desi_scaffold	3866	[T/C]	NA
Ca_Desi_Ch_scaffold10015_3877	Ca_desi_scaffold	3877	[A/G]	NA
Ca_Desi_Ch_scaffold10015_3881	Ca_desi_scaffold	3881	[G/A]	NA
Ca_Desi_Ch_scaffold10015_3882	Ca_desi_scaffold	3882	[C/T]	NA
Ca_Desi_Ch_scaffold10015_3883	Ca_desi_scaffold	3883	[G/A]	NA
Ca_Desi_Ch_scaffold10015_3893	Ca_desi_scaffold	3893	[T/C]	NA
Ca_Desi_Ch_scaffold10015_3903	Ca_desi_scaffold	3903	[T/C]	NA
Ca_Desi_Ch_scaffold10015_3911	Ca_desi_scaffold	3911	[A/C]	NA
Ca_Desi_Ch_scaffold10015_3914	Ca_desi_scaffold	3914	[T/C]	NA
Ca_Desi_Ch_scaffold10015_3922	Ca_desi_scaffold	3922	[T/C]	NA
Ca_Desi_Ch_scaffold10040_3643	Ca_desi_scaffold	3643	[C/T]	NA
Ca_Desi_Ch_scaffold10040_3695	Ca_desi_scaffold	3695	[C/T]	NA
Ca_Desi_Ch_scaffold10040_3710	Ca_desi_scaffold	3710	[C/T]	NA
Ca_Desi_Ch_scaffold10040_3713	Ca_desi_scaffold	3713	[G/T]	NA
Ca_Desi_Ch_scaffold10040_3714	Ca_desi_scaffold	3714	[T/C]	NA
Ca_Desi_Ch_scaffold10040_3741	Ca_desi_scaffold	3741	[C/T]	NA
Ca_Desi_Ch_scaffold10040_3744	Ca_desi_scaffold	3744	[C/A]	NA
Ca_Desi_Ch_scaffold10040_3746	Ca_desi_scaffold	3746	[G/T]	NA
Ca_Desi_Ch_scaffold10040_3760	Ca_desi_scaffold	3760	[T/C]	NA
Ca_Desi_Ch_scaffold10040_3765	Ca_desi_scaffold	3765	[G/A]	NA
Ca_Desi_Ch_scaffold10069_2142	Ca_desi_scaffold	2142	[A/C]	NA
Ca_Desi_Ch_scaffold10069_2149	Ca_desi_scaffold	2149	[A/C]	NA
Ca_Desi_Ch_scaffold10069_2151	Ca_desi_scaffold	2151	[T/C]	NA
Ca_Desi_Ch_scaffold10069_2170	Ca_desi_scaffold	2170	[A/C]	NA
Ca_Desi_Ch_scaffold10069_2261	Ca_desi_scaffold	2261	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold10069_2263	Ca_desig_scaffold	2263	[A/C]	NA
Ca_Desig_Chr_scaffold10069_2273	Ca_desig_scaffold	2273	[A/C]	NA
Ca_Desig_Chr_scaffold10069_2279	Ca_desig_scaffold	2279	[C/T]	NA
Ca_Desig_Chr_scaffold10109_768	Ca_desig_scaffold	768	[T/G]	NA
Ca_Desig_Chr_scaffold10127_862	Ca_desig_scaffold	862	[T/A]	NA
Ca_Desig_Chr_scaffold10127_1042	Ca_desig_scaffold	1042	[G/A]	NA
Ca_Desig_Chr_scaffold10127_1167	Ca_desig_scaffold	1167	[A/C]	NA
Ca_Desig_Chr_scaffold10127_1198	Ca_desig_scaffold	1198	[A/T]	NA
Ca_Desig_Chr_scaffold10127_1207	Ca_desig_scaffold	1207	[A/G]	NA
Ca_Desig_Chr_scaffold10235_153	Ca_desig_scaffold	153	[A/C]	NA
Ca_Desig_Chr_scaffold10235_167	Ca_desig_scaffold	167	[A/C]	NA
Ca_Desig_Chr_scaffold10235_175	Ca_desig_scaffold	175	[T/C]	NA
Ca_Desig_Chr_scaffold10388_1019	Ca_desig_scaffold	1019	[T/A]	NA
Ca_Desig_Chr_scaffold10484_363	Ca_desig_scaffold	363	[C/T]	NA
Ca_Desig_Chr_scaffold10536_1939	Ca_desig_scaffold	1939	[A/G]	NA
Ca_Desig_Chr_scaffold10567_2665	Ca_desig_scaffold	2665	[A/G]	NA
Ca_Desig_Chr_scaffold10567_2668	Ca_desig_scaffold	2668	[T/C]	NA
Ca_Desig_Chr_scaffold10567_2682	Ca_desig_scaffold	2682	[A/G]	NA
Ca_Desig_Chr_scaffold10567_2711	Ca_desig_scaffold	2711	[A/G]	NA
Ca_Desig_Chr_scaffold10652_1394	Ca_desig_scaffold	1394	[C/T]	NA
Ca_Desig_Chr_scaffold10706_4484	Ca_desig_scaffold	4484	[T/C]	NA
Ca_Desig_Chr_scaffold10706_4491	Ca_desig_scaffold	4491	[T/C]	NA
Ca_Desig_Chr_scaffold10706_4526	Ca_desig_scaffold	4526	[T/C]	NA
Ca_Desig_Chr_scaffold10706_4531	Ca_desig_scaffold	4531	[A/G]	NA
Ca_Desig_Chr_scaffold10811_1936	Ca_desig_scaffold	1936	[C/T]	NA
Ca_Desig_Chr_scaffold10811_1963	Ca_desig_scaffold	1963	[A/T]	NA
Ca_Desig_Chr_scaffold10834_3513	Ca_desig_scaffold	3513	[A/G]	NA
Ca_Desig_Chr_scaffold10834_3529	Ca_desig_scaffold	3529	[C/T]	NA
Ca_Desig_Chr_scaffold10834_3546	Ca_desig_scaffold	3546	[A/G]	NA
Ca_Desig_Chr_scaffold10834_3548	Ca_desig_scaffold	3548	[A/G]	NA
Ca_Desig_Chr_scaffold10837_4068	Ca_desig_scaffold	4068	[C/T]	NA
Ca_Desig_Chr_scaffold10837_4104	Ca_desig_scaffold	4104	[A/G]	NA
Ca_Desig_Chr_scaffold10864_1346	Ca_desig_scaffold	1346	[A/C]	NA
Ca_Desig_Chr_scaffold10864_1364	Ca_desig_scaffold	1364	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold10864_1370	Ca_desig_scaffold	1370	[T/A]	NA
Ca_Desig_Chr_scaffold10866_3681	Ca_desig_scaffold	3681	[T/C]	NA
Ca_Desig_Chr_scaffold10866_3689	Ca_desig_scaffold	3689	[T/G]	NA
Ca_Desig_Chr_scaffold10866_3699	Ca_desig_scaffold	3699	[T/C]	NA
Ca_Desig_Chr_scaffold10866_3702	Ca_desig_scaffold	3702	[T/G]	NA
Ca_Desig_Chr_scaffold10866_3706	Ca_desig_scaffold	3706	[T/G]	NA
Ca_Desig_Chr_scaffold10866_3708	Ca_desig_scaffold	3708	[A/C]	NA
Ca_Desig_Chr_scaffold10974_2116	Ca_desig_scaffold	2116	[C/A]	NA
Ca_Desig_Chr_scaffold10974_2195	Ca_desig_scaffold	2195	[A/C]	NA
Ca_Desig_Chr_scaffold10974_3008	Ca_desig_scaffold	3008	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3531	Ca_desig_scaffold	3531	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3532	Ca_desig_scaffold	3532	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3533	Ca_desig_scaffold	3533	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3534	Ca_desig_scaffold	3534	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3535	Ca_desig_scaffold	3535	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3536	Ca_desig_scaffold	3536	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3537	Ca_desig_scaffold	3537	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3538	Ca_desig_scaffold	3538	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3539	Ca_desig_scaffold	3539	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3540	Ca_desig_scaffold	3540	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3541	Ca_desig_scaffold	3541	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3542	Ca_desig_scaffold	3542	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3543	Ca_desig_scaffold	3543	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3544	Ca_desig_scaffold	3544	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3545	Ca_desig_scaffold	3545	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3546	Ca_desig_scaffold	3546	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3547	Ca_desig_scaffold	3547	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3548	Ca_desig_scaffold	3548	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3549	Ca_desig_scaffold	3549	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3550	Ca_desig_scaffold	3550	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3551	Ca_desig_scaffold	3551	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3552	Ca_desig_scaffold	3552	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3553	Ca_desig_scaffold	3553	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3554	Ca_desig_scaffold	3554	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold10974_3555	Ca_desig_scaffold	3555	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3556	Ca_desig_scaffold	3556	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3557	Ca_desig_scaffold	3557	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3558	Ca_desig_scaffold	3558	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3559	Ca_desig_scaffold	3559	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3560	Ca_desig_scaffold	3560	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3561	Ca_desig_scaffold	3561	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3562	Ca_desig_scaffold	3562	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3563	Ca_desig_scaffold	3563	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3564	Ca_desig_scaffold	3564	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3565	Ca_desig_scaffold	3565	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3566	Ca_desig_scaffold	3566	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3567	Ca_desig_scaffold	3567	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3568	Ca_desig_scaffold	3568	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3569	Ca_desig_scaffold	3569	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3570	Ca_desig_scaffold	3570	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3571	Ca_desig_scaffold	3571	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3572	Ca_desig_scaffold	3572	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3573	Ca_desig_scaffold	3573	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3574	Ca_desig_scaffold	3574	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3575	Ca_desig_scaffold	3575	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3576	Ca_desig_scaffold	3576	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3577	Ca_desig_scaffold	3577	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3578	Ca_desig_scaffold	3578	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3579	Ca_desig_scaffold	3579	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3580	Ca_desig_scaffold	3580	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3581	Ca_desig_scaffold	3581	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3582	Ca_desig_scaffold	3582	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3583	Ca_desig_scaffold	3583	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3584	Ca_desig_scaffold	3584	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3585	Ca_desig_scaffold	3585	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3586	Ca_desig_scaffold	3586	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3587	Ca_desig_scaffold	3587	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3588	Ca_desig_scaffold	3588	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold10974_3589	Ca_desig_scaffold	3589	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3592	Ca_desig_scaffold	3592	[T/A]	NA
Ca_Desig_Chr_scaffold10974_3595	Ca_desig_scaffold	3595	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3596	Ca_desig_scaffold	3596	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3597	Ca_desig_scaffold	3597	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3598	Ca_desig_scaffold	3598	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3600	Ca_desig_scaffold	3600	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3601	Ca_desig_scaffold	3601	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3602	Ca_desig_scaffold	3602	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3603	Ca_desig_scaffold	3603	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3604	Ca_desig_scaffold	3604	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3606	Ca_desig_scaffold	3606	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3607	Ca_desig_scaffold	3607	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3608	Ca_desig_scaffold	3608	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3609	Ca_desig_scaffold	3609	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3610	Ca_desig_scaffold	3610	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3611	Ca_desig_scaffold	3611	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3612	Ca_desig_scaffold	3612	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3613	Ca_desig_scaffold	3613	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3615	Ca_desig_scaffold	3615	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3617	Ca_desig_scaffold	3617	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3618	Ca_desig_scaffold	3618	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3620	Ca_desig_scaffold	3620	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3622	Ca_desig_scaffold	3622	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3623	Ca_desig_scaffold	3623	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3624	Ca_desig_scaffold	3624	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3625	Ca_desig_scaffold	3625	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3626	Ca_desig_scaffold	3626	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3628	Ca_desig_scaffold	3628	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3629	Ca_desig_scaffold	3629	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3631	Ca_desig_scaffold	3631	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3632	Ca_desig_scaffold	3632	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3633	Ca_desig_scaffold	3633	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3634	Ca_desig_scaffold	3634	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold10974_3635	Ca_desig_scaffold	3635	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3637	Ca_desig_scaffold	3637	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3638	Ca_desig_scaffold	3638	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3639	Ca_desig_scaffold	3639	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3640	Ca_desig_scaffold	3640	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3641	Ca_desig_scaffold	3641	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3642	Ca_desig_scaffold	3642	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3643	Ca_desig_scaffold	3643	[G/T]	NA
Ca_Desig_Chr_scaffold10974_3644	Ca_desig_scaffold	3644	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3645	Ca_desig_scaffold	3645	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3646	Ca_desig_scaffold	3646	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3647	Ca_desig_scaffold	3647	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3648	Ca_desig_scaffold	3648	[G/A]	NA
Ca_Desig_Chr_scaffold10974_3649	Ca_desig_scaffold	3649	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3650	Ca_desig_scaffold	3650	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3651	Ca_desig_scaffold	3651	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3652	Ca_desig_scaffold	3652	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3654	Ca_desig_scaffold	3654	[C/G]	NA
Ca_Desig_Chr_scaffold10974_3682	Ca_desig_scaffold	3682	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3683	Ca_desig_scaffold	3683	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3684	Ca_desig_scaffold	3684	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3685	Ca_desig_scaffold	3685	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3687	Ca_desig_scaffold	3687	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3688	Ca_desig_scaffold	3688	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3690	Ca_desig_scaffold	3690	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3691	Ca_desig_scaffold	3691	[C/A]	NA
Ca_Desig_Chr_scaffold10974_3692	Ca_desig_scaffold	3692	[C/T]	NA
Ca_Desig_Chr_scaffold10974_3693	Ca_desig_scaffold	3693	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3694	Ca_desig_scaffold	3694	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3695	Ca_desig_scaffold	3695	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3696	Ca_desig_scaffold	3696	[A/G]	NA
Ca_Desig_Chr_scaffold10974_3699	Ca_desig_scaffold	3699	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3700	Ca_desig_scaffold	3700	[T/C]	NA
Ca_Desig_Chr_scaffold10974_3701	Ca_desig_scaffold	3701	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold10974_3703	Ca_desi_scaffold	3703	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3704	Ca_desi_scaffold	3704	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3705	Ca_desi_scaffold	3705	[T/C]	NA
Ca_Desi_Ch_scaffold10974_3706	Ca_desi_scaffold	3706	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3707	Ca_desi_scaffold	3707	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3708	Ca_desi_scaffold	3708	[C/T]	NA
Ca_Desi_Ch_scaffold10974_3709	Ca_desi_scaffold	3709	[C/T]	NA
Ca_Desi_Ch_scaffold10974_3710	Ca_desi_scaffold	3710	[A/G]	NA
Ca_Desi_Ch_scaffold10974_3711	Ca_desi_scaffold	3711	[C/A]	NA
Ca_Desi_Ch_scaffold10974_3712	Ca_desi_scaffold	3712	[A/G]	NA
Ca_Desi_Ch_scaffold10974_3713	Ca_desi_scaffold	3713	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3714	Ca_desi_scaffold	3714	[T/C]	NA
Ca_Desi_Ch_scaffold10974_3715	Ca_desi_scaffold	3715	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3716	Ca_desi_scaffold	3716	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3718	Ca_desi_scaffold	3718	[A/G]	NA
Ca_Desi_Ch_scaffold10974_3719	Ca_desi_scaffold	3719	[T/C]	NA
Ca_Desi_Ch_scaffold10974_3720	Ca_desi_scaffold	3720	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3721	Ca_desi_scaffold	3721	[A/G]	NA
Ca_Desi_Ch_scaffold10974_3722	Ca_desi_scaffold	3722	[C/T]	NA
Ca_Desi_Ch_scaffold10974_3723	Ca_desi_scaffold	3723	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3724	Ca_desi_scaffold	3724	[A/G]	NA
Ca_Desi_Ch_scaffold10974_3725	Ca_desi_scaffold	3725	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3726	Ca_desi_scaffold	3726	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3727	Ca_desi_scaffold	3727	[C/T]	NA
Ca_Desi_Ch_scaffold10974_3728	Ca_desi_scaffold	3728	[A/G]	NA
Ca_Desi_Ch_scaffold10974_3729	Ca_desi_scaffold	3729	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3730	Ca_desi_scaffold	3730	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3731	Ca_desi_scaffold	3731	[A/G]	NA
Ca_Desi_Ch_scaffold10974_3732	Ca_desi_scaffold	3732	[A/G]	NA
Ca_Desi_Ch_scaffold10974_3734	Ca_desi_scaffold	3734	[T/C]	NA
Ca_Desi_Ch_scaffold10974_3735	Ca_desi_scaffold	3735	[T/C]	NA
Ca_Desi_Ch_scaffold10974_3736	Ca_desi_scaffold	3736	[A/G]	NA
Ca_Desi_Ch_scaffold10974_3737	Ca_desi_scaffold	3737	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3738	Ca_desi_scaffold	3738	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold10974_3739	Ca_desi_scaffold	3739	[G/A]	NA
Ca_Desi_Ch_scaffold10974_3740	Ca_desi_scaffold	3740	[A/G]	NA
Ca_Desi_Ch_scaffold10974_3741	Ca_desi_scaffold	3741	[T/C]	NA
Ca_Desi_Ch_scaffold11087_233	Ca_desi_scaffold	233	[T/G]	NA
Ca_Desi_Ch_scaffold11130_127	Ca_desi_scaffold	127	[G/T]	NA
Ca_Desi_Ch_scaffold11130_138	Ca_desi_scaffold	138	[C/T]	NA
Ca_Desi_Ch_scaffold11219_956	Ca_desi_scaffold	956	[T/G]	NA
Ca_Desi_Ch_scaffold11230_220	Ca_desi_scaffold	220	[C/T]	NA
Ca_Desi_Ch_scaffold11230_223	Ca_desi_scaffold	223	[T/C]	NA
Ca_Desi_Ch_scaffold11230_224	Ca_desi_scaffold	224	[T/C]	NA
Ca_Desi_Ch_scaffold11230_227	Ca_desi_scaffold	227	[T/C]	NA
Ca_Desi_Ch_scaffold11230_231	Ca_desi_scaffold	231	[A/G]	NA
Ca_Desi_Ch_scaffold11230_232	Ca_desi_scaffold	232	[G/A]	NA
Ca_Desi_Ch_scaffold11230_233	Ca_desi_scaffold	233	[A/G]	NA
Ca_Desi_Ch_scaffold11230_234	Ca_desi_scaffold	234	[A/G]	NA
Ca_Desi_Ch_scaffold11230_238	Ca_desi_scaffold	238	[T/C]	NA
Ca_Desi_Ch_scaffold11230_240	Ca_desi_scaffold	240	[T/C]	NA
Ca_Desi_Ch_scaffold11230_242	Ca_desi_scaffold	242	[A/G]	NA
Ca_Desi_Ch_scaffold11230_244	Ca_desi_scaffold	244	[A/G]	NA
Ca_Desi_Ch_scaffold11230_247	Ca_desi_scaffold	247	[A/C]	NA
Ca_Desi_Ch_scaffold11230_250	Ca_desi_scaffold	250	[A/C]	NA
Ca_Desi_Ch_scaffold11230_253	Ca_desi_scaffold	253	[T/C]	NA
Ca_Desi_Ch_scaffold11230_255	Ca_desi_scaffold	255	[T/C]	NA
Ca_Desi_Ch_scaffold11230_257	Ca_desi_scaffold	257	[A/G]	NA
Ca_Desi_Ch_scaffold11230_262	Ca_desi_scaffold	262	[C/T]	NA
Ca_Desi_Ch_scaffold11230_264	Ca_desi_scaffold	264	[A/G]	NA
Ca_Desi_Ch_scaffold11230_269	Ca_desi_scaffold	269	[C/T]	NA
Ca_Desi_Ch_scaffold11230_272	Ca_desi_scaffold	272	[T/C]	NA
Ca_Desi_Ch_scaffold11230_275	Ca_desi_scaffold	275	[A/G]	NA
Ca_Desi_Ch_scaffold11230_279	Ca_desi_scaffold	279	[A/G]	NA
Ca_Desi_Ch_scaffold11230_371	Ca_desi_scaffold	371	[G/C]	NA
Ca_Desi_Ch_scaffold11230_372	Ca_desi_scaffold	372	[G/A]	NA
Ca_Desi_Ch_scaffold11230_373	Ca_desi_scaffold	373	[C/A]	NA
Ca_Desi_Ch_scaffold11230_374	Ca_desi_scaffold	374	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold11230_375	Ca_desig_scaffold	375	[C/T]	NA
Ca_Desig_Chr_scaffold11230_376	Ca_desig_scaffold	376	[G/A]	NA
Ca_Desig_Chr_scaffold11230_377	Ca_desig_scaffold	377	[A/G]	NA
Ca_Desig_Chr_scaffold11230_378	Ca_desig_scaffold	378	[T/C]	NA
Ca_Desig_Chr_scaffold11230_380	Ca_desig_scaffold	380	[T/C]	NA
Ca_Desig_Chr_scaffold11230_381	Ca_desig_scaffold	381	[G/A]	NA
Ca_Desig_Chr_scaffold11230_383	Ca_desig_scaffold	383	[T/C]	NA
Ca_Desig_Chr_scaffold11230_384	Ca_desig_scaffold	384	[T/C]	NA
Ca_Desig_Chr_scaffold11230_385	Ca_desig_scaffold	385	[T/C]	NA
Ca_Desig_Chr_scaffold11230_386	Ca_desig_scaffold	386	[A/G]	NA
Ca_Desig_Chr_scaffold11230_388	Ca_desig_scaffold	388	[T/C]	NA
Ca_Desig_Chr_scaffold11230_389	Ca_desig_scaffold	389	[A/G]	NA
Ca_Desig_Chr_scaffold11230_390	Ca_desig_scaffold	390	[T/C]	NA
Ca_Desig_Chr_scaffold11230_391	Ca_desig_scaffold	391	[C/T]	NA
Ca_Desig_Chr_scaffold11230_392	Ca_desig_scaffold	392	[A/G]	NA
Ca_Desig_Chr_scaffold11230_393	Ca_desig_scaffold	393	[A/G]	NA
Ca_Desig_Chr_scaffold11230_394	Ca_desig_scaffold	394	[G/A]	NA
Ca_Desig_Chr_scaffold11230_396	Ca_desig_scaffold	396	[T/C]	NA
Ca_Desig_Chr_scaffold11230_397	Ca_desig_scaffold	397	[G/T]	NA
Ca_Desig_Chr_scaffold11230_398	Ca_desig_scaffold	398	[A/G]	NA
Ca_Desig_Chr_scaffold11230_399	Ca_desig_scaffold	399	[T/C]	NA
Ca_Desig_Chr_scaffold11230_400	Ca_desig_scaffold	400	[T/C]	NA
Ca_Desig_Chr_scaffold11230_401	Ca_desig_scaffold	401	[C/T]	NA
Ca_Desig_Chr_scaffold11230_402	Ca_desig_scaffold	402	[T/C]	NA
Ca_Desig_Chr_scaffold11230_404	Ca_desig_scaffold	404	[T/C]	NA
Ca_Desig_Chr_scaffold11230_405	Ca_desig_scaffold	405	[T/C]	NA
Ca_Desig_Chr_scaffold11230_406	Ca_desig_scaffold	406	[T/C]	NA
Ca_Desig_Chr_scaffold11230_408	Ca_desig_scaffold	408	[T/C]	NA
Ca_Desig_Chr_scaffold11230_409	Ca_desig_scaffold	409	[G/T]	NA
Ca_Desig_Chr_scaffold11230_410	Ca_desig_scaffold	410	[T/C]	NA
Ca_Desig_Chr_scaffold11230_411	Ca_desig_scaffold	411	[T/C]	NA
Ca_Desig_Chr_scaffold11230_412	Ca_desig_scaffold	412	[T/C]	NA
Ca_Desig_Chr_scaffold11230_413	Ca_desig_scaffold	413	[C/T]	NA
Ca_Desig_Chr_scaffold11230_416	Ca_desig_scaffold	416	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold11230_417	Ca_desi_scaffold	417	[A/G]	NA
Ca_Desi_Chromosome_scaffold11230_418	Ca_desi_scaffold	418	[T/C]	NA
Ca_Desi_Chromosome_scaffold11230_420	Ca_desi_scaffold	420	[T/C]	NA
Ca_Desi_Chromosome_scaffold11230_424	Ca_desi_scaffold	424	[G/A]	NA
Ca_Desi_Chromosome_scaffold11230_425	Ca_desi_scaffold	425	[G/A]	NA
Ca_Desi_Chromosome_scaffold11230_426	Ca_desi_scaffold	426	[T/C]	NA
Ca_Desi_Chromosome_scaffold11230_429	Ca_desi_scaffold	429	[G/A]	NA
Ca_Desi_Chromosome_scaffold11230_430	Ca_desi_scaffold	430	[C/G]	NA
Ca_Desi_Chromosome_scaffold11230_1081	Ca_desi_scaffold	1081	[A/G]	NA
Ca_Desi_Chromosome_scaffold11230_1107	Ca_desi_scaffold	1107	[A/C]	NA
Ca_Desi_Chromosome_scaffold11230_1117	Ca_desi_scaffold	1117	[G/T]	NA
Ca_Desi_Chromosome_scaffold11230_1172	Ca_desi_scaffold	1172	[A/G]	NA
Ca_Desi_Chromosome_scaffold11230_1180	Ca_desi_scaffold	1180	[A/G]	NA
Ca_Desi_Chromosome_scaffold11230_1583	Ca_desi_scaffold	1583	[G/A]	NA
Ca_Desi_Chromosome_scaffold11230_1584	Ca_desi_scaffold	1584	[G/A]	NA
Ca_Desi_Chromosome_scaffold11230_1585	Ca_desi_scaffold	1585	[C/T]	NA
Ca_Desi_Chromosome_scaffold11230_1586	Ca_desi_scaffold	1586	[G/A]	NA
Ca_Desi_Chromosome_scaffold11230_1587	Ca_desi_scaffold	1587	[A/G]	NA
Ca_Desi_Chromosome_scaffold11230_1588	Ca_desi_scaffold	1588	[T/C]	NA
Ca_Desi_Chromosome_scaffold11230_1589	Ca_desi_scaffold	1589	[T/C]	NA
Ca_Desi_Chromosome_scaffold11230_1590	Ca_desi_scaffold	1590	[A/G]	NA
Ca_Desi_Chromosome_scaffold11230_1591	Ca_desi_scaffold	1591	[C/T]	NA
Ca_Desi_Chromosome_scaffold11230_1592	Ca_desi_scaffold	1592	[G/A]	NA
Ca_Desi_Chromosome_scaffold11230_1593	Ca_desi_scaffold	1593	[G/A]	NA
Ca_Desi_Chromosome_scaffold11230_1594	Ca_desi_scaffold	1594	[A/G]	NA
Ca_Desi_Chromosome_scaffold11230_1595	Ca_desi_scaffold	1595	[T/C]	NA
Ca_Desi_Chromosome_scaffold11230_1596	Ca_desi_scaffold	1596	[A/G]	NA
Ca_Desi_Chromosome_scaffold11230_1597	Ca_desi_scaffold	1597	[C/A]	NA
Ca_Desi_Chromosome_scaffold11230_1598	Ca_desi_scaffold	1598	[C/T]	NA
Ca_Desi_Chromosome_scaffold11230_1599	Ca_desi_scaffold	1599	[T/C]	NA
Ca_Desi_Chromosome_scaffold11230_1600	Ca_desi_scaffold	1600	[C/T]	NA
Ca_Desi_Chromosome_scaffold11230_1601	Ca_desi_scaffold	1601	[T/C]	NA
Ca_Desi_Chromosome_scaffold11230_1602	Ca_desi_scaffold	1602	[C/T]	NA
Ca_Desi_Chromosome_scaffold11230_1603	Ca_desi_scaffold	1603	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold11230_1604	Ca_desi_scaffold	1604	[G/A]	NA
Ca_Desi_Ch_scaffold11230_1605	Ca_desi_scaffold	1605	[G/A]	NA
Ca_Desi_Ch_scaffold11230_1606	Ca_desi_scaffold	1606	[C/A]	NA
Ca_Desi_Ch_scaffold11230_1607	Ca_desi_scaffold	1607	[A/G]	NA
Ca_Desi_Ch_scaffold11230_1608	Ca_desi_scaffold	1608	[T/C]	NA
Ca_Desi_Ch_scaffold11230_1609	Ca_desi_scaffold	1609	[C/T]	NA
Ca_Desi_Ch_scaffold11230_1610	Ca_desi_scaffold	1610	[T/C]	NA
Ca_Desi_Ch_scaffold11230_1611	Ca_desi_scaffold	1611	[C/T]	NA
Ca_Desi_Ch_scaffold11230_1612	Ca_desi_scaffold	1612	[T/C]	NA
Ca_Desi_Ch_scaffold11230_1613	Ca_desi_scaffold	1613	[A/G]	NA
Ca_Desi_Ch_scaffold11230_1614	Ca_desi_scaffold	1614	[C/T]	NA
Ca_Desi_Ch_scaffold11230_1615	Ca_desi_scaffold	1615	[T/C]	NA
Ca_Desi_Ch_scaffold11230_1616	Ca_desi_scaffold	1616	[C/T]	NA
Ca_Desi_Ch_scaffold11230_1617	Ca_desi_scaffold	1617	[T/C]	NA
Ca_Desi_Ch_scaffold11230_1618	Ca_desi_scaffold	1618	[G/T]	NA
Ca_Desi_Ch_scaffold11230_1620	Ca_desi_scaffold	1620	[G/A]	NA
Ca_Desi_Ch_scaffold11230_1621	Ca_desi_scaffold	1621	[A/G]	NA
Ca_Desi_Ch_scaffold11230_1622	Ca_desi_scaffold	1622	[G/A]	NA
Ca_Desi_Ch_scaffold11230_1624	Ca_desi_scaffold	1624	[C/T]	NA
Ca_Desi_Ch_scaffold11230_1625	Ca_desi_scaffold	1625	[C/T]	NA
Ca_Desi_Ch_scaffold11230_1629	Ca_desi_scaffold	1629	[A/T]	NA
Ca_Desi_Ch_scaffold11273_3399	Ca_desi_scaffold	3399	[T/G]	NA
Ca_Desi_Ch_scaffold11373_51	Ca_desi_scaffold	51	[A/T]	NA
Ca_Desi_Ch_scaffold11373_53	Ca_desi_scaffold	53	[C/T]	NA
Ca_Desi_Ch_scaffold11373_55	Ca_desi_scaffold	55	[T/C]	NA
Ca_Desi_Ch_scaffold11373_58	Ca_desi_scaffold	58	[T/C]	NA
Ca_Desi_Ch_scaffold11373_63	Ca_desi_scaffold	63	[A/G]	NA
Ca_Desi_Ch_scaffold11373_64	Ca_desi_scaffold	64	[A/C]	NA
Ca_Desi_Ch_scaffold11373_69	Ca_desi_scaffold	69	[T/C]	NA
Ca_Desi_Ch_scaffold11373_77	Ca_desi_scaffold	77	[A/G]	NA
Ca_Desi_Ch_scaffold11373_81	Ca_desi_scaffold	81	[T/C]	NA
Ca_Desi_Ch_scaffold11373_85	Ca_desi_scaffold	85	[A/G]	NA
Ca_Desi_Ch_scaffold11373_87	Ca_desi_scaffold	87	[A/G]	NA
Ca_Desi_Ch_scaffold11373_97	Ca_desi_scaffold	97	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold11373_106	Ca_desig_scaffold	106	[A/G]	NA
Ca_Desig_Chr_scaffold11373_1234	Ca_desig_scaffold	1234	[C/T]	NA
Ca_Desig_Chr_scaffold11373_1271	Ca_desig_scaffold	1271	[G/T]	NA
Ca_Desig_Chr_scaffold11373_1272	Ca_desig_scaffold	1272	[C/T]	NA
Ca_Desig_Chr_scaffold11373_2511	Ca_desig_scaffold	2511	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2513	Ca_desig_scaffold	2513	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2517	Ca_desig_scaffold	2517	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2525	Ca_desig_scaffold	2525	[T/G]	NA
Ca_Desig_Chr_scaffold11373_2528	Ca_desig_scaffold	2528	[T/G]	NA
Ca_Desig_Chr_scaffold11373_2529	Ca_desig_scaffold	2529	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2531	Ca_desig_scaffold	2531	[T/G]	NA
Ca_Desig_Chr_scaffold11373_2534	Ca_desig_scaffold	2534	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2535	Ca_desig_scaffold	2535	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2536	Ca_desig_scaffold	2536	[C/T]	NA
Ca_Desig_Chr_scaffold11373_2539	Ca_desig_scaffold	2539	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2543	Ca_desig_scaffold	2543	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2545	Ca_desig_scaffold	2545	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2548	Ca_desig_scaffold	2548	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2550	Ca_desig_scaffold	2550	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2552	Ca_desig_scaffold	2552	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2556	Ca_desig_scaffold	2556	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2557	Ca_desig_scaffold	2557	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2558	Ca_desig_scaffold	2558	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2658	Ca_desig_scaffold	2658	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2729	Ca_desig_scaffold	2729	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2733	Ca_desig_scaffold	2733	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2737	Ca_desig_scaffold	2737	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2741	Ca_desig_scaffold	2741	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2743	Ca_desig_scaffold	2743	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2746	Ca_desig_scaffold	2746	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2747	Ca_desig_scaffold	2747	[G/A]	NA
Ca_Desig_Chr_scaffold11373_2751	Ca_desig_scaffold	2751	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2758	Ca_desig_scaffold	2758	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2764	Ca_desig_scaffold	2764	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold11373_2768	Ca_desig_scaffold	2768	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2773	Ca_desig_scaffold	2773	[A/G]	NA
Ca_Desig_Chr_scaffold11373_2777	Ca_desig_scaffold	2777	[T/C]	NA
Ca_Desig_Chr_scaffold11373_2783	Ca_desig_scaffold	2783	[C/A]	NA
Ca_Desig_Chr_scaffold11414_3011	Ca_desig_scaffold	3011	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3012	Ca_desig_scaffold	3012	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3013	Ca_desig_scaffold	3013	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3014	Ca_desig_scaffold	3014	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3015	Ca_desig_scaffold	3015	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3016	Ca_desig_scaffold	3016	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3017	Ca_desig_scaffold	3017	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3018	Ca_desig_scaffold	3018	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3020	Ca_desig_scaffold	3020	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3021	Ca_desig_scaffold	3021	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3024	Ca_desig_scaffold	3024	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3025	Ca_desig_scaffold	3025	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3026	Ca_desig_scaffold	3026	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3027	Ca_desig_scaffold	3027	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3028	Ca_desig_scaffold	3028	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3029	Ca_desig_scaffold	3029	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3031	Ca_desig_scaffold	3031	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3032	Ca_desig_scaffold	3032	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3034	Ca_desig_scaffold	3034	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3035	Ca_desig_scaffold	3035	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3036	Ca_desig_scaffold	3036	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3037	Ca_desig_scaffold	3037	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3038	Ca_desig_scaffold	3038	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3039	Ca_desig_scaffold	3039	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3040	Ca_desig_scaffold	3040	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3041	Ca_desig_scaffold	3041	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3042	Ca_desig_scaffold	3042	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3043	Ca_desig_scaffold	3043	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3044	Ca_desig_scaffold	3044	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3045	Ca_desig_scaffold	3045	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold11414_3046	Ca_desig_scaffold	3046	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3047	Ca_desig_scaffold	3047	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3048	Ca_desig_scaffold	3048	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3049	Ca_desig_scaffold	3049	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3050	Ca_desig_scaffold	3050	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3051	Ca_desig_scaffold	3051	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3052	Ca_desig_scaffold	3052	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3053	Ca_desig_scaffold	3053	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3054	Ca_desig_scaffold	3054	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3055	Ca_desig_scaffold	3055	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3056	Ca_desig_scaffold	3056	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3057	Ca_desig_scaffold	3057	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3058	Ca_desig_scaffold	3058	[G/T]	NA
Ca_Desig_Chr_scaffold11414_3059	Ca_desig_scaffold	3059	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3060	Ca_desig_scaffold	3060	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3061	Ca_desig_scaffold	3061	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3062	Ca_desig_scaffold	3062	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3063	Ca_desig_scaffold	3063	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3064	Ca_desig_scaffold	3064	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3065	Ca_desig_scaffold	3065	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3067	Ca_desig_scaffold	3067	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3068	Ca_desig_scaffold	3068	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3070	Ca_desig_scaffold	3070	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3091	Ca_desig_scaffold	3091	[C/G]	NA
Ca_Desig_Chr_scaffold11414_3092	Ca_desig_scaffold	3092	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3093	Ca_desig_scaffold	3093	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3094	Ca_desig_scaffold	3094	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3096	Ca_desig_scaffold	3096	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3097	Ca_desig_scaffold	3097	[G/T]	NA
Ca_Desig_Chr_scaffold11414_3098	Ca_desig_scaffold	3098	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3099	Ca_desig_scaffold	3099	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3100	Ca_desig_scaffold	3100	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3101	Ca_desig_scaffold	3101	[G/T]	NA
Ca_Desig_Chr_scaffold11414_3102	Ca_desig_scaffold	3102	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold11414_3103	Ca_desig_scaffold	3103	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3104	Ca_desig_scaffold	3104	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3105	Ca_desig_scaffold	3105	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3106	Ca_desig_scaffold	3106	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3107	Ca_desig_scaffold	3107	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3108	Ca_desig_scaffold	3108	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3109	Ca_desig_scaffold	3109	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3110	Ca_desig_scaffold	3110	[C/A]	NA
Ca_Desig_Chr_scaffold11414_3111	Ca_desig_scaffold	3111	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3112	Ca_desig_scaffold	3112	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3113	Ca_desig_scaffold	3113	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3114	Ca_desig_scaffold	3114	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3115	Ca_desig_scaffold	3115	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3116	Ca_desig_scaffold	3116	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3117	Ca_desig_scaffold	3117	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3118	Ca_desig_scaffold	3118	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3119	Ca_desig_scaffold	3119	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3120	Ca_desig_scaffold	3120	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3121	Ca_desig_scaffold	3121	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3122	Ca_desig_scaffold	3122	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3123	Ca_desig_scaffold	3123	[G/A]	NA
Ca_Desig_Chr_scaffold11414_3124	Ca_desig_scaffold	3124	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3125	Ca_desig_scaffold	3125	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3126	Ca_desig_scaffold	3126	[C/A]	NA
Ca_Desig_Chr_scaffold11414_3127	Ca_desig_scaffold	3127	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3128	Ca_desig_scaffold	3128	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3130	Ca_desig_scaffold	3130	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3131	Ca_desig_scaffold	3131	[T/C]	NA
Ca_Desig_Chr_scaffold11414_3132	Ca_desig_scaffold	3132	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3133	Ca_desig_scaffold	3133	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3134	Ca_desig_scaffold	3134	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3135	Ca_desig_scaffold	3135	[C/T]	NA
Ca_Desig_Chr_scaffold11414_3136	Ca_desig_scaffold	3136	[A/G]	NA
Ca_Desig_Chr_scaffold11414_3137	Ca_desig_scaffold	3137	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold11414_3138	Ca_desi_scaffold	3138	[T/C]	NA
Ca_Desi_Ch_scaffold11414_3139	Ca_desi_scaffold	3139	[C/T]	NA
Ca_Desi_Ch_scaffold11414_3140	Ca_desi_scaffold	3140	[A/G]	NA
Ca_Desi_Ch_scaffold11414_3141	Ca_desi_scaffold	3141	[A/G]	NA
Ca_Desi_Ch_scaffold11414_3142	Ca_desi_scaffold	3142	[T/C]	NA
Ca_Desi_Ch_scaffold11414_3143	Ca_desi_scaffold	3143	[C/T]	NA
Ca_Desi_Ch_scaffold11414_3144	Ca_desi_scaffold	3144	[G/A]	NA
Ca_Desi_Ch_scaffold11414_3145	Ca_desi_scaffold	3145	[C/T]	NA
Ca_Desi_Ch_scaffold11414_3146	Ca_desi_scaffold	3146	[G/A]	NA
Ca_Desi_Ch_scaffold11414_3147	Ca_desi_scaffold	3147	[C/T]	NA
Ca_Desi_Ch_scaffold11414_3149	Ca_desi_scaffold	3149	[G/A]	NA
Ca_Desi_Ch_scaffold11414_3150	Ca_desi_scaffold	3150	[C/T]	NA
Ca_Desi_Ch_scaffold11414_3153	Ca_desi_scaffold	3153	[T/A]	NA
Ca_Desi_Ch_scaffold11418_205	Ca_desi_scaffold	205	[A/G]	NA
Ca_Desi_Ch_scaffold11418_206	Ca_desi_scaffold	206	[G/A]	NA
Ca_Desi_Ch_scaffold11418_287	Ca_desi_scaffold	287	[A/C]	NA
Ca_Desi_Ch_scaffold11418_292	Ca_desi_scaffold	292	[C/T]	NA
Ca_Desi_Ch_scaffold11652_219	Ca_desi_scaffold	219	[C/T]	NA
Ca_Desi_Ch_scaffold11652_290	Ca_desi_scaffold	290	[C/G]	NA
Ca_Desi_Ch_scaffold11652_340	Ca_desi_scaffold	340	[C/A]	NA
Ca_Desi_Ch_scaffold11652_345	Ca_desi_scaffold	345	[G/A]	NA
Ca_Desi_Ch_scaffold11658_3838	Ca_desi_scaffold	3838	[T/C]	NA
Ca_Desi_Ch_scaffold11658_3845	Ca_desi_scaffold	3845	[A/T]	NA
Ca_Desi_Ch_scaffold11697_3800	Ca_desi_scaffold	3800	[A/G]	NA
Ca_Desi_Ch_scaffold11697_3805	Ca_desi_scaffold	3805	[T/C]	NA
Ca_Desi_Ch_scaffold11697_3814	Ca_desi_scaffold	3814	[T/C]	NA
Ca_Desi_Ch_scaffold11697_3848	Ca_desi_scaffold	3848	[T/A]	NA
Ca_Desi_Ch_scaffold11707_3883	Ca_desi_scaffold	3883	[T/G]	NA
Ca_Desi_Ch_scaffold11711_1368	Ca_desi_scaffold	1368	[A/G]	NA
Ca_Desi_Ch_scaffold11711_1381	Ca_desi_scaffold	1381	[T/C]	NA
Ca_Desi_Ch_scaffold11711_1383	Ca_desi_scaffold	1383	[T/C]	NA
Ca_Desi_Ch_scaffold11711_1388	Ca_desi_scaffold	1388	[T/C]	NA
Ca_Desi_Ch_scaffold11711_1394	Ca_desi_scaffold	1394	[T/G]	NA
Ca_Desi_Ch_scaffold11711_1395	Ca_desi_scaffold	1395	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold11711_1397	Ca_desig_scaffold	1397	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1400	Ca_desig_scaffold	1400	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1408	Ca_desig_scaffold	1408	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1413	Ca_desig_scaffold	1413	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1415	Ca_desig_scaffold	1415	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1427	Ca_desig_scaffold	1427	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1745	Ca_desig_scaffold	1745	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1750	Ca_desig_scaffold	1750	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1760	Ca_desig_scaffold	1760	[A/G]	NA
Ca_Desig_Chr_scaffold11711_1763	Ca_desig_scaffold	1763	[A/G]	NA
Ca_Desig_Chr_scaffold11711_1778	Ca_desig_scaffold	1778	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1790	Ca_desig_scaffold	1790	[A/G]	NA
Ca_Desig_Chr_scaffold11711_1797	Ca_desig_scaffold	1797	[A/G]	NA
Ca_Desig_Chr_scaffold11711_1913	Ca_desig_scaffold	1913	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1914	Ca_desig_scaffold	1914	[C/G]	NA
Ca_Desig_Chr_scaffold11711_1915	Ca_desig_scaffold	1915	[T/A]	NA
Ca_Desig_Chr_scaffold11711_1916	Ca_desig_scaffold	1916	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1918	Ca_desig_scaffold	1918	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1920	Ca_desig_scaffold	1920	[A/C]	NA
Ca_Desig_Chr_scaffold11711_1922	Ca_desig_scaffold	1922	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1936	Ca_desig_scaffold	1936	[T/C]	NA
Ca_Desig_Chr_scaffold11711_1941	Ca_desig_scaffold	1941	[A/G]	NA
Ca_Desig_Chr_scaffold11711_1950	Ca_desig_scaffold	1950	[A/G]	NA
Ca_Desig_Chr_scaffold11711_1952	Ca_desig_scaffold	1952	[A/G]	NA
Ca_Desig_Chr_scaffold11711_1970	Ca_desig_scaffold	1970	[A/G]	NA
Ca_Desig_Chr_scaffold11711_1971	Ca_desig_scaffold	1971	[T/C]	NA
Ca_Desig_Chr_scaffold11711_2461	Ca_desig_scaffold	2461	[A/C]	NA
Ca_Desig_Chr_scaffold11711_2485	Ca_desig_scaffold	2485	[A/T]	NA
Ca_Desig_Chr_scaffold11711_2488	Ca_desig_scaffold	2488	[C/T]	NA
Ca_Desig_Chr_scaffold11711_2489	Ca_desig_scaffold	2489	[T/C]	NA
Ca_Desig_Chr_scaffold11711_2490	Ca_desig_scaffold	2490	[C/T]	NA
Ca_Desig_Chr_scaffold11711_2491	Ca_desig_scaffold	2491	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2492	Ca_desig_scaffold	2492	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2493	Ca_desig_scaffold	2493	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold11711_2494	Ca_desig_scaffold	2494	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2495	Ca_desig_scaffold	2495	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2496	Ca_desig_scaffold	2496	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2497	Ca_desig_scaffold	2497	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2498	Ca_desig_scaffold	2498	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2499	Ca_desig_scaffold	2499	[T/C]	NA
Ca_Desig_Chr_scaffold11711_2500	Ca_desig_scaffold	2500	[C/T]	NA
Ca_Desig_Chr_scaffold11711_2501	Ca_desig_scaffold	2501	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2502	Ca_desig_scaffold	2502	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2503	Ca_desig_scaffold	2503	[G/A]	NA
Ca_Desig_Chr_scaffold11711_2504	Ca_desig_scaffold	2504	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2505	Ca_desig_scaffold	2505	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2506	Ca_desig_scaffold	2506	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2507	Ca_desig_scaffold	2507	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2508	Ca_desig_scaffold	2508	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2509	Ca_desig_scaffold	2509	[C/T]	NA
Ca_Desig_Chr_scaffold11711_2510	Ca_desig_scaffold	2510	[G/A]	NA
Ca_Desig_Chr_scaffold11711_2511	Ca_desig_scaffold	2511	[T/C]	NA
Ca_Desig_Chr_scaffold11711_2512	Ca_desig_scaffold	2512	[C/T]	NA
Ca_Desig_Chr_scaffold11711_2513	Ca_desig_scaffold	2513	[C/T]	NA
Ca_Desig_Chr_scaffold11711_2514	Ca_desig_scaffold	2514	[T/C]	NA
Ca_Desig_Chr_scaffold11711_2515	Ca_desig_scaffold	2515	[C/A]	NA
Ca_Desig_Chr_scaffold11711_2516	Ca_desig_scaffold	2516	[C/T]	NA
Ca_Desig_Chr_scaffold11711_2517	Ca_desig_scaffold	2517	[T/C]	NA
Ca_Desig_Chr_scaffold11711_2518	Ca_desig_scaffold	2518	[C/T]	NA
Ca_Desig_Chr_scaffold11711_2519	Ca_desig_scaffold	2519	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2520	Ca_desig_scaffold	2520	[G/A]	NA
Ca_Desig_Chr_scaffold11711_2521	Ca_desig_scaffold	2521	[G/A]	NA
Ca_Desig_Chr_scaffold11711_2522	Ca_desig_scaffold	2522	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2523	Ca_desig_scaffold	2523	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2524	Ca_desig_scaffold	2524	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2525	Ca_desig_scaffold	2525	[G/A]	NA
Ca_Desig_Chr_scaffold11711_2526	Ca_desig_scaffold	2526	[A/G]	NA
Ca_Desig_Chr_scaffold11711_2527	Ca_desig_scaffold	2527	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold11711_2528	Ca_desi_scaffold	2528	[A/G]	NA
Ca_Desi_Chromosome_scaffold11711_2529	Ca_desi_scaffold	2529	[G/A]	NA
Ca_Desi_Chromosome_scaffold11711_2530	Ca_desi_scaffold	2530	[C/T]	NA
Ca_Desi_Chromosome_scaffold11711_2531	Ca_desi_scaffold	2531	[T/C]	NA
Ca_Desi_Chromosome_scaffold11711_2532	Ca_desi_scaffold	2532	[G/A]	NA
Ca_Desi_Chromosome_scaffold11711_2533	Ca_desi_scaffold	2533	[A/G]	NA
Ca_Desi_Chromosome_scaffold11711_2534	Ca_desi_scaffold	2534	[T/C]	NA
Ca_Desi_Chromosome_scaffold11711_2535	Ca_desi_scaffold	2535	[T/C]	NA
Ca_Desi_Chromosome_scaffold11711_2536	Ca_desi_scaffold	2536	[C/T]	NA
Ca_Desi_Chromosome_scaffold11711_2537	Ca_desi_scaffold	2537	[A/G]	NA
Ca_Desi_Chromosome_scaffold11711_2538	Ca_desi_scaffold	2538	[C/T]	NA
Ca_Desi_Chromosome_scaffold11711_2539	Ca_desi_scaffold	2539	[C/T]	NA
Ca_Desi_Chromosome_scaffold11711_2540	Ca_desi_scaffold	2540	[T/C]	NA
Ca_Desi_Chromosome_scaffold11711_2541	Ca_desi_scaffold	2541	[C/T]	NA
Ca_Desi_Chromosome_scaffold11711_2542	Ca_desi_scaffold	2542	[T/C]	NA
Ca_Desi_Chromosome_scaffold11711_2543	Ca_desi_scaffold	2543	[A/G]	NA
Ca_Desi_Chromosome_scaffold11711_2544	Ca_desi_scaffold	2544	[C/T]	NA
Ca_Desi_Chromosome_scaffold11711_2545	Ca_desi_scaffold	2545	[C/T]	NA
Ca_Desi_Chromosome_scaffold11711_2625	Ca_desi_scaffold	2625	[T/A]	NA
Ca_Desi_Chromosome_scaffold11711_2646	Ca_desi_scaffold	2646	[C/A]	NA
Ca_Desi_Chromosome_scaffold11711_2916	Ca_desi_scaffold	2916	[T/C]	NA
Ca_Desi_Chromosome_scaffold11711_2937	Ca_desi_scaffold	2937	[A/G]	NA
Ca_Desi_Chromosome_scaffold11711_2939	Ca_desi_scaffold	2939	[T/C]	NA
Ca_Desi_Chromosome_scaffold11732_737	Ca_desi_scaffold	737	[A/C]	NA
Ca_Desi_Chromosome_scaffold11794_2876	Ca_desi_scaffold	2876	[T/C]	NA
Ca_Desi_Chromosome_scaffold11869_94	Ca_desi_scaffold	94	[C/T]	NA
Ca_Desi_Chromosome_scaffold11869_117	Ca_desi_scaffold	117	[A/G]	NA
Ca_Desi_Chromosome_scaffold11869_121	Ca_desi_scaffold	121	[A/G]	NA
Ca_Desi_Chromosome_scaffold11869_123	Ca_desi_scaffold	123	[A/G]	NA
Ca_Desi_Chromosome_scaffold11869_159	Ca_desi_scaffold	159	[C/T]	NA
Ca_Desi_Chromosome_scaffold11886_3312	Ca_desi_scaffold	3312	[T/G]	NA
Ca_Desi_Chromosome_scaffold11905_1432	Ca_desi_scaffold	1432	[A/G]	NA
Ca_Desi_Chromosome_scaffold11905_1457	Ca_desi_scaffold	1457	[A/G]	NA
Ca_Desi_Chromosome_scaffold11937_3368	Ca_desi_scaffold	3368	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold11965_2020	Ca_desig_scaffold	2020	[A/T]	NA
Ca_Desig_Chr_scaffold12017_3551	Ca_desig_scaffold	3551	[T/C]	NA
Ca_Desig_Chr_scaffold12017_3557	Ca_desig_scaffold	3557	[A/G]	NA
Ca_Desig_Chr_scaffold12017_3570	Ca_desig_scaffold	3570	[A/G]	NA
Ca_Desig_Chr_scaffold12017_3576	Ca_desig_scaffold	3576	[A/G]	NA
Ca_Desig_Chr_scaffold12128_473	Ca_desig_scaffold	473	[C/A]	NA
Ca_Desig_Chr_scaffold12128_2292	Ca_desig_scaffold	2292	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2293	Ca_desig_scaffold	2293	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2295	Ca_desig_scaffold	2295	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2296	Ca_desig_scaffold	2296	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2297	Ca_desig_scaffold	2297	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2299	Ca_desig_scaffold	2299	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2301	Ca_desig_scaffold	2301	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2303	Ca_desig_scaffold	2303	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2305	Ca_desig_scaffold	2305	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2306	Ca_desig_scaffold	2306	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2307	Ca_desig_scaffold	2307	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2308	Ca_desig_scaffold	2308	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2312	Ca_desig_scaffold	2312	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2313	Ca_desig_scaffold	2313	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2314	Ca_desig_scaffold	2314	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2315	Ca_desig_scaffold	2315	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2316	Ca_desig_scaffold	2316	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2317	Ca_desig_scaffold	2317	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2318	Ca_desig_scaffold	2318	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2319	Ca_desig_scaffold	2319	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2320	Ca_desig_scaffold	2320	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2321	Ca_desig_scaffold	2321	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2322	Ca_desig_scaffold	2322	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2323	Ca_desig_scaffold	2323	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2324	Ca_desig_scaffold	2324	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2325	Ca_desig_scaffold	2325	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2326	Ca_desig_scaffold	2326	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2327	Ca_desig_scaffold	2327	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12128_2328	Ca_desig_scaffold	2328	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2331	Ca_desig_scaffold	2331	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2332	Ca_desig_scaffold	2332	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2333	Ca_desig_scaffold	2333	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2334	Ca_desig_scaffold	2334	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2335	Ca_desig_scaffold	2335	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2336	Ca_desig_scaffold	2336	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2337	Ca_desig_scaffold	2337	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2338	Ca_desig_scaffold	2338	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2339	Ca_desig_scaffold	2339	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2342	Ca_desig_scaffold	2342	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2344	Ca_desig_scaffold	2344	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2345	Ca_desig_scaffold	2345	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2346	Ca_desig_scaffold	2346	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2347	Ca_desig_scaffold	2347	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2349	Ca_desig_scaffold	2349	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2350	Ca_desig_scaffold	2350	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2351	Ca_desig_scaffold	2351	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2352	Ca_desig_scaffold	2352	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2353	Ca_desig_scaffold	2353	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2354	Ca_desig_scaffold	2354	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2355	Ca_desig_scaffold	2355	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2356	Ca_desig_scaffold	2356	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2357	Ca_desig_scaffold	2357	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2358	Ca_desig_scaffold	2358	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2359	Ca_desig_scaffold	2359	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2360	Ca_desig_scaffold	2360	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2361	Ca_desig_scaffold	2361	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2362	Ca_desig_scaffold	2362	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2363	Ca_desig_scaffold	2363	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2364	Ca_desig_scaffold	2364	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2365	Ca_desig_scaffold	2365	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2366	Ca_desig_scaffold	2366	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2367	Ca_desig_scaffold	2367	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold12128_2368	Ca_desi_scaffold	2368	[G/A]	NA
Ca_Desi_Ch_scaffold12128_2369	Ca_desi_scaffold	2369	[A/G]	NA
Ca_Desi_Ch_scaffold12128_2370	Ca_desi_scaffold	2370	[C/A]	NA
Ca_Desi_Ch_scaffold12128_2371	Ca_desi_scaffold	2371	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2372	Ca_desi_scaffold	2372	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2373	Ca_desi_scaffold	2373	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2375	Ca_desi_scaffold	2375	[C/T]	NA
Ca_Desi_Ch_scaffold12128_2377	Ca_desi_scaffold	2377	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2378	Ca_desi_scaffold	2378	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2379	Ca_desi_scaffold	2379	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2380	Ca_desi_scaffold	2380	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2381	Ca_desi_scaffold	2381	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2383	Ca_desi_scaffold	2383	[G/A]	NA
Ca_Desi_Ch_scaffold12128_2385	Ca_desi_scaffold	2385	[A/G]	NA
Ca_Desi_Ch_scaffold12128_2386	Ca_desi_scaffold	2386	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2387	Ca_desi_scaffold	2387	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2388	Ca_desi_scaffold	2388	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2389	Ca_desi_scaffold	2389	[C/T]	NA
Ca_Desi_Ch_scaffold12128_2390	Ca_desi_scaffold	2390	[A/G]	NA
Ca_Desi_Ch_scaffold12128_2391	Ca_desi_scaffold	2391	[C/T]	NA
Ca_Desi_Ch_scaffold12128_2392	Ca_desi_scaffold	2392	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2393	Ca_desi_scaffold	2393	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2394	Ca_desi_scaffold	2394	[A/G]	NA
Ca_Desi_Ch_scaffold12128_2395	Ca_desi_scaffold	2395	[A/G]	NA
Ca_Desi_Ch_scaffold12128_2396	Ca_desi_scaffold	2396	[A/G]	NA
Ca_Desi_Ch_scaffold12128_2397	Ca_desi_scaffold	2397	[A/G]	NA
Ca_Desi_Ch_scaffold12128_2399	Ca_desi_scaffold	2399	[A/G]	NA
Ca_Desi_Ch_scaffold12128_2401	Ca_desi_scaffold	2401	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2402	Ca_desi_scaffold	2402	[G/A]	NA
Ca_Desi_Ch_scaffold12128_2403	Ca_desi_scaffold	2403	[G/A]	NA
Ca_Desi_Ch_scaffold12128_2404	Ca_desi_scaffold	2404	[A/G]	NA
Ca_Desi_Ch_scaffold12128_2405	Ca_desi_scaffold	2405	[C/T]	NA
Ca_Desi_Ch_scaffold12128_2406	Ca_desi_scaffold	2406	[T/C]	NA
Ca_Desi_Ch_scaffold12128_2407	Ca_desi_scaffold	2407	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12128_2408	Ca_desig_scaffold	2408	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2409	Ca_desig_scaffold	2409	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2410	Ca_desig_scaffold	2410	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2447	Ca_desig_scaffold	2447	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2449	Ca_desig_scaffold	2449	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2450	Ca_desig_scaffold	2450	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2451	Ca_desig_scaffold	2451	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2452	Ca_desig_scaffold	2452	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2455	Ca_desig_scaffold	2455	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2456	Ca_desig_scaffold	2456	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2457	Ca_desig_scaffold	2457	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2458	Ca_desig_scaffold	2458	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2459	Ca_desig_scaffold	2459	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2460	Ca_desig_scaffold	2460	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2462	Ca_desig_scaffold	2462	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2464	Ca_desig_scaffold	2464	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2465	Ca_desig_scaffold	2465	[C/T]	NA
Ca_Desig_Chr_scaffold12128_2466	Ca_desig_scaffold	2466	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2467	Ca_desig_scaffold	2467	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2468	Ca_desig_scaffold	2468	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2471	Ca_desig_scaffold	2471	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2472	Ca_desig_scaffold	2472	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2473	Ca_desig_scaffold	2473	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2474	Ca_desig_scaffold	2474	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2475	Ca_desig_scaffold	2475	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2476	Ca_desig_scaffold	2476	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2479	Ca_desig_scaffold	2479	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2481	Ca_desig_scaffold	2481	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2483	Ca_desig_scaffold	2483	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2484	Ca_desig_scaffold	2484	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2485	Ca_desig_scaffold	2485	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2486	Ca_desig_scaffold	2486	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2489	Ca_desig_scaffold	2489	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2490	Ca_desig_scaffold	2490	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12128_2492	Ca_desig_scaffold	2492	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2495	Ca_desig_scaffold	2495	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2496	Ca_desig_scaffold	2496	[T/C]	NA
Ca_Desig_Chr_scaffold12128_2498	Ca_desig_scaffold	2498	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2499	Ca_desig_scaffold	2499	[G/T]	NA
Ca_Desig_Chr_scaffold12128_2500	Ca_desig_scaffold	2500	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2501	Ca_desig_scaffold	2501	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2502	Ca_desig_scaffold	2502	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2503	Ca_desig_scaffold	2503	[G/A]	NA
Ca_Desig_Chr_scaffold12128_2504	Ca_desig_scaffold	2504	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2528	Ca_desig_scaffold	2528	[A/G]	NA
Ca_Desig_Chr_scaffold12128_2561	Ca_desig_scaffold	2561	[T/G]	NA
Ca_Desig_Chr_scaffold12128_3605	Ca_desig_scaffold	3605	[T/C]	NA
Ca_Desig_Chr_scaffold12128_3606	Ca_desig_scaffold	3606	[T/C]	NA
Ca_Desig_Chr_scaffold12128_3607	Ca_desig_scaffold	3607	[T/C]	NA
Ca_Desig_Chr_scaffold12128_3609	Ca_desig_scaffold	3609	[T/C]	NA
Ca_Desig_Chr_scaffold12128_3610	Ca_desig_scaffold	3610	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3612	Ca_desig_scaffold	3612	[T/C]	NA
Ca_Desig_Chr_scaffold12128_3613	Ca_desig_scaffold	3613	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3616	Ca_desig_scaffold	3616	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3617	Ca_desig_scaffold	3617	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3620	Ca_desig_scaffold	3620	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3621	Ca_desig_scaffold	3621	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3624	Ca_desig_scaffold	3624	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3625	Ca_desig_scaffold	3625	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3626	Ca_desig_scaffold	3626	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3628	Ca_desig_scaffold	3628	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3629	Ca_desig_scaffold	3629	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3630	Ca_desig_scaffold	3630	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3631	Ca_desig_scaffold	3631	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3634	Ca_desig_scaffold	3634	[A/G]	NA
Ca_Desig_Chr_scaffold12128_3635	Ca_desig_scaffold	3635	[T/C]	NA
Ca_Desig_Chr_scaffold12128_3636	Ca_desig_scaffold	3636	[G/A]	NA
Ca_Desig_Chr_scaffold12128_3640	Ca_desig_scaffold	3640	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold12128_3641	Ca_desi_scaffold	3641	[A/G]	NA
Ca_Desi_Ch_scaffold12128_3643	Ca_desi_scaffold	3643	[A/G]	NA
Ca_Desi_Ch_scaffold12128_3644	Ca_desi_scaffold	3644	[T/C]	NA
Ca_Desi_Ch_scaffold12128_3646	Ca_desi_scaffold	3646	[T/C]	NA
Ca_Desi_Ch_scaffold12128_3648	Ca_desi_scaffold	3648	[A/G]	NA
Ca_Desi_Ch_scaffold12128_3649	Ca_desi_scaffold	3649	[A/G]	NA
Ca_Desi_Ch_scaffold12128_3650	Ca_desi_scaffold	3650	[C/T]	NA
Ca_Desi_Ch_scaffold12128_3651	Ca_desi_scaffold	3651	[A/G]	NA
Ca_Desi_Ch_scaffold12128_3654	Ca_desi_scaffold	3654	[G/A]	NA
Ca_Desi_Ch_scaffold12128_3656	Ca_desi_scaffold	3656	[G/A]	NA
Ca_Desi_Ch_scaffold12128_3658	Ca_desi_scaffold	3658	[A/G]	NA
Ca_Desi_Ch_scaffold12128_3659	Ca_desi_scaffold	3659	[A/G]	NA
Ca_Desi_Ch_scaffold12128_3661	Ca_desi_scaffold	3661	[T/C]	NA
Ca_Desi_Ch_scaffold12128_3662	Ca_desi_scaffold	3662	[T/C]	NA
Ca_Desi_Ch_scaffold12128_3664	Ca_desi_scaffold	3664	[A/G]	NA
Ca_Desi_Ch_scaffold12129_688	Ca_desi_scaffold	688	[A/G]	NA
Ca_Desi_Ch_scaffold12129_692	Ca_desi_scaffold	692	[T/C]	NA
Ca_Desi_Ch_scaffold12129_701	Ca_desi_scaffold	701	[T/C]	NA
Ca_Desi_Ch_scaffold12129_717	Ca_desi_scaffold	717	[A/G]	NA
Ca_Desi_Ch_scaffold12129_725	Ca_desi_scaffold	725	[T/C]	NA
Ca_Desi_Ch_scaffold12129_729	Ca_desi_scaffold	729	[A/G]	NA
Ca_Desi_Ch_scaffold12129_736	Ca_desi_scaffold	736	[A/T]	NA
Ca_Desi_Ch_scaffold12148_2584	Ca_desi_scaffold	2584	[T/G]	NA
Ca_Desi_Ch_scaffold12148_2592	Ca_desi_scaffold	2592	[G/A]	NA
Ca_Desi_Ch_scaffold12148_2684	Ca_desi_scaffold	2684	[T/C]	NA
Ca_Desi_Ch_scaffold12165_3433	Ca_desi_scaffold	3433	[A/G]	NA
Ca_Desi_Ch_scaffold12165_3434	Ca_desi_scaffold	3434	[A/G]	NA
Ca_Desi_Ch_scaffold12165_3454	Ca_desi_scaffold	3454	[T/A]	NA
Ca_Desi_Ch_scaffold12165_3462	Ca_desi_scaffold	3462	[A/G]	NA
Ca_Desi_Ch_scaffold12203_772	Ca_desi_scaffold	772	[C/A]	NA
Ca_Desi_Ch_scaffold12254_3453	Ca_desi_scaffold	3453	[T/G]	NA
Ca_Desi_Ch_scaffold12301_3161	Ca_desi_scaffold	3161	[T/G]	NA
Ca_Desi_Ch_scaffold12348_293	Ca_desi_scaffold	293	[T/C]	NA
Ca_Desi_Ch_scaffold12348_295	Ca_desi_scaffold	295	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12348_304	Ca_desig_scaffold	304	[A/G]	NA
Ca_Desig_Chr_scaffold12348_305	Ca_desig_scaffold	305	[T/C]	NA
Ca_Desig_Chr_scaffold12348_311	Ca_desig_scaffold	311	[T/C]	NA
Ca_Desig_Chr_scaffold12348_316	Ca_desig_scaffold	316	[A/G]	NA
Ca_Desig_Chr_scaffold12348_323	Ca_desig_scaffold	323	[A/G]	NA
Ca_Desig_Chr_scaffold12348_328	Ca_desig_scaffold	328	[A/G]	NA
Ca_Desig_Chr_scaffold12348_331	Ca_desig_scaffold	331	[A/G]	NA
Ca_Desig_Chr_scaffold12348_333	Ca_desig_scaffold	333	[T/C]	NA
Ca_Desig_Chr_scaffold12348_340	Ca_desig_scaffold	340	[A/G]	NA
Ca_Desig_Chr_scaffold12348_342	Ca_desig_scaffold	342	[A/G]	NA
Ca_Desig_Chr_scaffold12348_343	Ca_desig_scaffold	343	[T/C]	NA
Ca_Desig_Chr_scaffold12348_345	Ca_desig_scaffold	345	[A/G]	NA
Ca_Desig_Chr_scaffold12348_347	Ca_desig_scaffold	347	[C/A]	NA
Ca_Desig_Chr_scaffold12348_348	Ca_desig_scaffold	348	[T/G]	NA
Ca_Desig_Chr_scaffold12348_350	Ca_desig_scaffold	350	[T/C]	NA
Ca_Desig_Chr_scaffold12348_351	Ca_desig_scaffold	351	[C/A]	NA
Ca_Desig_Chr_scaffold12348_352	Ca_desig_scaffold	352	[T/G]	NA
Ca_Desig_Chr_scaffold12348_354	Ca_desig_scaffold	354	[A/G]	NA
Ca_Desig_Chr_scaffold12348_360	Ca_desig_scaffold	360	[A/G]	NA
Ca_Desig_Chr_scaffold12348_365	Ca_desig_scaffold	365	[T/C]	NA
Ca_Desig_Chr_scaffold12348_367	Ca_desig_scaffold	367	[A/G]	NA
Ca_Desig_Chr_scaffold12348_370	Ca_desig_scaffold	370	[A/G]	NA
Ca_Desig_Chr_scaffold12348_376	Ca_desig_scaffold	376	[T/C]	NA
Ca_Desig_Chr_scaffold12348_383	Ca_desig_scaffold	383	[T/C]	NA
Ca_Desig_Chr_scaffold12348_710	Ca_desig_scaffold	710	[A/G]	NA
Ca_Desig_Chr_scaffold12348_732	Ca_desig_scaffold	732	[G/C]	NA
Ca_Desig_Chr_scaffold12348_1625	Ca_desig_scaffold	1625	[A/G]	NA
Ca_Desig_Chr_scaffold12348_1630	Ca_desig_scaffold	1630	[A/C]	NA
Ca_Desig_Chr_scaffold12348_1653	Ca_desig_scaffold	1653	[G/T]	NA
Ca_Desig_Chr_scaffold12348_1672	Ca_desig_scaffold	1672	[A/G]	NA
Ca_Desig_Chr_scaffold12348_1845	Ca_desig_scaffold	1845	[G/T]	NA
Ca_Desig_Chr_scaffold12367_1942	Ca_desig_scaffold	1942	[A/G]	NA
Ca_Desig_Chr_scaffold12367_1979	Ca_desig_scaffold	1979	[A/G]	NA
Ca_Desig_Chr_scaffold12372_919	Ca_desig_scaffold	919	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12372_920	Ca_desig_scaffold	920	[T/C]	NA
Ca_Desig_Chr_scaffold12372_921	Ca_desig_scaffold	921	[G/A]	NA
Ca_Desig_Chr_scaffold12372_922	Ca_desig_scaffold	922	[G/A]	NA
Ca_Desig_Chr_scaffold12372_923	Ca_desig_scaffold	923	[G/A]	NA
Ca_Desig_Chr_scaffold12372_924	Ca_desig_scaffold	924	[A/G]	NA
Ca_Desig_Chr_scaffold12372_925	Ca_desig_scaffold	925	[G/A]	NA
Ca_Desig_Chr_scaffold12372_926	Ca_desig_scaffold	926	[C/T]	NA
Ca_Desig_Chr_scaffold12372_927	Ca_desig_scaffold	927	[G/A]	NA
Ca_Desig_Chr_scaffold12372_928	Ca_desig_scaffold	928	[G/A]	NA
Ca_Desig_Chr_scaffold12372_929	Ca_desig_scaffold	929	[A/G]	NA
Ca_Desig_Chr_scaffold12372_930	Ca_desig_scaffold	930	[T/C]	NA
Ca_Desig_Chr_scaffold12372_931	Ca_desig_scaffold	931	[T/C]	NA
Ca_Desig_Chr_scaffold12372_932	Ca_desig_scaffold	932	[A/G]	NA
Ca_Desig_Chr_scaffold12372_933	Ca_desig_scaffold	933	[C/T]	NA
Ca_Desig_Chr_scaffold12372_934	Ca_desig_scaffold	934	[C/T]	NA
Ca_Desig_Chr_scaffold12372_935	Ca_desig_scaffold	935	[C/T]	NA
Ca_Desig_Chr_scaffold12372_936	Ca_desig_scaffold	936	[A/G]	NA
Ca_Desig_Chr_scaffold12372_937	Ca_desig_scaffold	937	[A/G]	NA
Ca_Desig_Chr_scaffold12372_939	Ca_desig_scaffold	939	[A/G]	NA
Ca_Desig_Chr_scaffold12372_940	Ca_desig_scaffold	940	[A/G]	NA
Ca_Desig_Chr_scaffold12372_943	Ca_desig_scaffold	943	[C/T]	NA
Ca_Desig_Chr_scaffold12372_944	Ca_desig_scaffold	944	[C/T]	NA
Ca_Desig_Chr_scaffold12372_945	Ca_desig_scaffold	945	[C/A]	NA
Ca_Desig_Chr_scaffold12372_946	Ca_desig_scaffold	946	[T/C]	NA
Ca_Desig_Chr_scaffold12372_950	Ca_desig_scaffold	950	[A/G]	NA
Ca_Desig_Chr_scaffold12372_951	Ca_desig_scaffold	951	[A/G]	NA
Ca_Desig_Chr_scaffold12372_953	Ca_desig_scaffold	953	[A/G]	NA
Ca_Desig_Chr_scaffold12372_954	Ca_desig_scaffold	954	[A/G]	NA
Ca_Desig_Chr_scaffold12372_955	Ca_desig_scaffold	955	[T/C]	NA
Ca_Desig_Chr_scaffold12372_957	Ca_desig_scaffold	957	[A/G]	NA
Ca_Desig_Chr_scaffold12372_958	Ca_desig_scaffold	958	[A/G]	NA
Ca_Desig_Chr_scaffold12372_959	Ca_desig_scaffold	959	[A/G]	NA
Ca_Desig_Chr_scaffold12372_960	Ca_desig_scaffold	960	[A/G]	NA
Ca_Desig_Chr_scaffold12372_961	Ca_desig_scaffold	961	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold12372_962	Ca_desi_scaffold	962	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_963	Ca_desi_scaffold	963	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_966	Ca_desi_scaffold	966	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_967	Ca_desi_scaffold	967	[T/C]	NA
Ca_Desi_Chromosome_scaffold12372_968	Ca_desi_scaffold	968	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_969	Ca_desi_scaffold	969	[T/C]	NA
Ca_Desi_Chromosome_scaffold12372_970	Ca_desi_scaffold	970	[C/A]	NA
Ca_Desi_Chromosome_scaffold12372_971	Ca_desi_scaffold	971	[T/C]	NA
Ca_Desi_Chromosome_scaffold12372_972	Ca_desi_scaffold	972	[C/T]	NA
Ca_Desi_Chromosome_scaffold12372_973	Ca_desi_scaffold	973	[G/A]	NA
Ca_Desi_Chromosome_scaffold12372_974	Ca_desi_scaffold	974	[G/A]	NA
Ca_Desi_Chromosome_scaffold12372_975	Ca_desi_scaffold	975	[T/G]	NA
Ca_Desi_Chromosome_scaffold12372_976	Ca_desi_scaffold	976	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_1028	Ca_desi_scaffold	1028	[C/A]	NA
Ca_Desi_Chromosome_scaffold12372_1031	Ca_desi_scaffold	1031	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_1033	Ca_desi_scaffold	1033	[G/A]	NA
Ca_Desi_Chromosome_scaffold12372_1034	Ca_desi_scaffold	1034	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_1036	Ca_desi_scaffold	1036	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_1037	Ca_desi_scaffold	1037	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_1038	Ca_desi_scaffold	1038	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_1039	Ca_desi_scaffold	1039	[C/T]	NA
Ca_Desi_Chromosome_scaffold12372_1040	Ca_desi_scaffold	1040	[C/T]	NA
Ca_Desi_Chromosome_scaffold12372_1042	Ca_desi_scaffold	1042	[C/T]	NA
Ca_Desi_Chromosome_scaffold12372_1044	Ca_desi_scaffold	1044	[T/C]	NA
Ca_Desi_Chromosome_scaffold12372_1047	Ca_desi_scaffold	1047	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_1048	Ca_desi_scaffold	1048	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_1050	Ca_desi_scaffold	1050	[T/C]	NA
Ca_Desi_Chromosome_scaffold12372_1052	Ca_desi_scaffold	1052	[C/T]	NA
Ca_Desi_Chromosome_scaffold12372_1053	Ca_desi_scaffold	1053	[G/A]	NA
Ca_Desi_Chromosome_scaffold12372_1054	Ca_desi_scaffold	1054	[A/G]	NA
Ca_Desi_Chromosome_scaffold12372_1056	Ca_desi_scaffold	1056	[G/A]	NA
Ca_Desi_Chromosome_scaffold12372_1057	Ca_desi_scaffold	1057	[A/C]	NA
Ca_Desi_Chromosome_scaffold12372_1060	Ca_desi_scaffold	1060	[T/C]	NA
Ca_Desi_Chromosome_scaffold12372_1061	Ca_desi_scaffold	1061	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12372_1065	Ca_desig_scaffold	1065	[T/A]	NA
Ca_Desig_Chr_scaffold12372_1068	Ca_desig_scaffold	1068	[C/T]	NA
Ca_Desig_Chr_scaffold12372_1069	Ca_desig_scaffold	1069	[G/A]	NA
Ca_Desig_Chr_scaffold12372_1070	Ca_desig_scaffold	1070	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1071	Ca_desig_scaffold	1071	[A/C]	NA
Ca_Desig_Chr_scaffold12372_1073	Ca_desig_scaffold	1073	[C/T]	NA
Ca_Desig_Chr_scaffold12372_1075	Ca_desig_scaffold	1075	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1079	Ca_desig_scaffold	1079	[C/T]	NA
Ca_Desig_Chr_scaffold12372_1080	Ca_desig_scaffold	1080	[C/T]	NA
Ca_Desig_Chr_scaffold12372_1082	Ca_desig_scaffold	1082	[G/A]	NA
Ca_Desig_Chr_scaffold12372_1083	Ca_desig_scaffold	1083	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1084	Ca_desig_scaffold	1084	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1086	Ca_desig_scaffold	1086	[C/T]	NA
Ca_Desig_Chr_scaffold12372_1087	Ca_desig_scaffold	1087	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1296	Ca_desig_scaffold	1296	[T/G]	NA
Ca_Desig_Chr_scaffold12372_1611	Ca_desig_scaffold	1611	[A/C]	NA
Ca_Desig_Chr_scaffold12372_1655	Ca_desig_scaffold	1655	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1656	Ca_desig_scaffold	1656	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1659	Ca_desig_scaffold	1659	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1660	Ca_desig_scaffold	1660	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1661	Ca_desig_scaffold	1661	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1662	Ca_desig_scaffold	1662	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1664	Ca_desig_scaffold	1664	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1666	Ca_desig_scaffold	1666	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1668	Ca_desig_scaffold	1668	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1670	Ca_desig_scaffold	1670	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1673	Ca_desig_scaffold	1673	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1674	Ca_desig_scaffold	1674	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1675	Ca_desig_scaffold	1675	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1676	Ca_desig_scaffold	1676	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1681	Ca_desig_scaffold	1681	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1682	Ca_desig_scaffold	1682	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1686	Ca_desig_scaffold	1686	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1689	Ca_desig_scaffold	1689	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12372_1690	Ca_desig_scaffold	1690	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1691	Ca_desig_scaffold	1691	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1692	Ca_desig_scaffold	1692	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1694	Ca_desig_scaffold	1694	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1696	Ca_desig_scaffold	1696	[C/T]	NA
Ca_Desig_Chr_scaffold12372_1699	Ca_desig_scaffold	1699	[T/A]	NA
Ca_Desig_Chr_scaffold12372_1700	Ca_desig_scaffold	1700	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1701	Ca_desig_scaffold	1701	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1702	Ca_desig_scaffold	1702	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1703	Ca_desig_scaffold	1703	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1704	Ca_desig_scaffold	1704	[G/A]	NA
Ca_Desig_Chr_scaffold12372_1705	Ca_desig_scaffold	1705	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1707	Ca_desig_scaffold	1707	[G/A]	NA
Ca_Desig_Chr_scaffold12372_1708	Ca_desig_scaffold	1708	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1709	Ca_desig_scaffold	1709	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1711	Ca_desig_scaffold	1711	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1712	Ca_desig_scaffold	1712	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1782	Ca_desig_scaffold	1782	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1784	Ca_desig_scaffold	1784	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1785	Ca_desig_scaffold	1785	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1786	Ca_desig_scaffold	1786	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1788	Ca_desig_scaffold	1788	[G/T]	NA
Ca_Desig_Chr_scaffold12372_1789	Ca_desig_scaffold	1789	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1790	Ca_desig_scaffold	1790	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1792	Ca_desig_scaffold	1792	[C/T]	NA
Ca_Desig_Chr_scaffold12372_1793	Ca_desig_scaffold	1793	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1794	Ca_desig_scaffold	1794	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1799	Ca_desig_scaffold	1799	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1802	Ca_desig_scaffold	1802	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1804	Ca_desig_scaffold	1804	[T/C]	NA
Ca_Desig_Chr_scaffold12372_1806	Ca_desig_scaffold	1806	[C/A]	NA
Ca_Desig_Chr_scaffold12372_1807	Ca_desig_scaffold	1807	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1808	Ca_desig_scaffold	1808	[A/G]	NA
Ca_Desig_Chr_scaffold12372_1810	Ca_desig_scaffold	1810	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold12372_1811	Ca_desi_scaffold	1811	[C/T]	NA
Ca_Desi_Ch_scaffold12372_1812	Ca_desi_scaffold	1812	[A/G]	NA
Ca_Desi_Ch_scaffold12372_1815	Ca_desi_scaffold	1815	[A/G]	NA
Ca_Desi_Ch_scaffold12372_1816	Ca_desi_scaffold	1816	[A/G]	NA
Ca_Desi_Ch_scaffold12372_1817	Ca_desi_scaffold	1817	[A/G]	NA
Ca_Desi_Ch_scaffold12372_1818	Ca_desi_scaffold	1818	[G/T]	NA
Ca_Desi_Ch_scaffold12372_1820	Ca_desi_scaffold	1820	[G/A]	NA
Ca_Desi_Ch_scaffold12372_1824	Ca_desi_scaffold	1824	[T/C]	NA
Ca_Desi_Ch_scaffold12372_1826	Ca_desi_scaffold	1826	[T/C]	NA
Ca_Desi_Ch_scaffold12372_1827	Ca_desi_scaffold	1827	[T/C]	NA
Ca_Desi_Ch_scaffold12372_1828	Ca_desi_scaffold	1828	[T/C]	NA
Ca_Desi_Ch_scaffold12372_1829	Ca_desi_scaffold	1829	[T/C]	NA
Ca_Desi_Ch_scaffold12372_1830	Ca_desi_scaffold	1830	[T/C]	NA
Ca_Desi_Ch_scaffold12372_1832	Ca_desi_scaffold	1832	[T/C]	NA
Ca_Desi_Ch_scaffold12372_1834	Ca_desi_scaffold	1834	[A/G]	NA
Ca_Desi_Ch_scaffold12372_1835	Ca_desi_scaffold	1835	[T/C]	NA
Ca_Desi_Ch_scaffold12372_1839	Ca_desi_scaffold	1839	[T/C]	NA
Ca_Desi_Ch_scaffold12372_1882	Ca_desi_scaffold	1882	[A/T]	NA
Ca_Desi_Ch_scaffold12372_2211	Ca_desi_scaffold	2211	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2212	Ca_desi_scaffold	2212	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2213	Ca_desi_scaffold	2213	[C/T]	NA
Ca_Desi_Ch_scaffold12372_2214	Ca_desi_scaffold	2214	[G/A]	NA
Ca_Desi_Ch_scaffold12372_2215	Ca_desi_scaffold	2215	[T/G]	NA
Ca_Desi_Ch_scaffold12372_2216	Ca_desi_scaffold	2216	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2217	Ca_desi_scaffold	2217	[G/A]	NA
Ca_Desi_Ch_scaffold12372_2218	Ca_desi_scaffold	2218	[C/T]	NA
Ca_Desi_Ch_scaffold12372_2219	Ca_desi_scaffold	2219	[C/T]	NA
Ca_Desi_Ch_scaffold12372_2220	Ca_desi_scaffold	2220	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2222	Ca_desi_scaffold	2222	[C/T]	NA
Ca_Desi_Ch_scaffold12372_2226	Ca_desi_scaffold	2226	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2227	Ca_desi_scaffold	2227	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2228	Ca_desi_scaffold	2228	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2229	Ca_desi_scaffold	2229	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2230	Ca_desi_scaffold	2230	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12372_2231	Ca_desig_scaffold	2231	[T/C]	NA
Ca_Desig_Chr_scaffold12372_2232	Ca_desig_scaffold	2232	[C/T]	NA
Ca_Desig_Chr_scaffold12372_2233	Ca_desig_scaffold	2233	[T/C]	NA
Ca_Desig_Chr_scaffold12372_2234	Ca_desig_scaffold	2234	[C/G]	NA
Ca_Desig_Chr_scaffold12372_2235	Ca_desig_scaffold	2235	[G/T]	NA
Ca_Desig_Chr_scaffold12372_2236	Ca_desig_scaffold	2236	[G/A]	NA
Ca_Desig_Chr_scaffold12372_2237	Ca_desig_scaffold	2237	[C/T]	NA
Ca_Desig_Chr_scaffold12372_2239	Ca_desig_scaffold	2239	[C/T]	NA
Ca_Desig_Chr_scaffold12372_2240	Ca_desig_scaffold	2240	[G/A]	NA
Ca_Desig_Chr_scaffold12372_2242	Ca_desig_scaffold	2242	[G/A]	NA
Ca_Desig_Chr_scaffold12372_2243	Ca_desig_scaffold	2243	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2244	Ca_desig_scaffold	2244	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2245	Ca_desig_scaffold	2245	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2246	Ca_desig_scaffold	2246	[G/A]	NA
Ca_Desig_Chr_scaffold12372_2247	Ca_desig_scaffold	2247	[C/G]	NA
Ca_Desig_Chr_scaffold12372_2248	Ca_desig_scaffold	2248	[G/C]	NA
Ca_Desig_Chr_scaffold12372_2249	Ca_desig_scaffold	2249	[C/T]	NA
Ca_Desig_Chr_scaffold12372_2250	Ca_desig_scaffold	2250	[T/C]	NA
Ca_Desig_Chr_scaffold12372_2251	Ca_desig_scaffold	2251	[G/T]	NA
Ca_Desig_Chr_scaffold12372_2252	Ca_desig_scaffold	2252	[G/A]	NA
Ca_Desig_Chr_scaffold12372_2253	Ca_desig_scaffold	2253	[C/T]	NA
Ca_Desig_Chr_scaffold12372_2254	Ca_desig_scaffold	2254	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2255	Ca_desig_scaffold	2255	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2256	Ca_desig_scaffold	2256	[C/A]	NA
Ca_Desig_Chr_scaffold12372_2257	Ca_desig_scaffold	2257	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2258	Ca_desig_scaffold	2258	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2259	Ca_desig_scaffold	2259	[C/T]	NA
Ca_Desig_Chr_scaffold12372_2260	Ca_desig_scaffold	2260	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2261	Ca_desig_scaffold	2261	[G/A]	NA
Ca_Desig_Chr_scaffold12372_2262	Ca_desig_scaffold	2262	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2263	Ca_desig_scaffold	2263	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2264	Ca_desig_scaffold	2264	[A/C]	NA
Ca_Desig_Chr_scaffold12372_2265	Ca_desig_scaffold	2265	[G/A]	NA
Ca_Desig_Chr_scaffold12372_2266	Ca_desig_scaffold	2266	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold12372_2267	Ca_desi_scaffold	2267	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2318	Ca_desi_scaffold	2318	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2319	Ca_desi_scaffold	2319	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2320	Ca_desi_scaffold	2320	[G/A]	NA
Ca_Desi_Ch_scaffold12372_2322	Ca_desi_scaffold	2322	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2323	Ca_desi_scaffold	2323	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2324	Ca_desi_scaffold	2324	[C/T]	NA
Ca_Desi_Ch_scaffold12372_2325	Ca_desi_scaffold	2325	[G/A]	NA
Ca_Desi_Ch_scaffold12372_2326	Ca_desi_scaffold	2326	[G/A]	NA
Ca_Desi_Ch_scaffold12372_2327	Ca_desi_scaffold	2327	[C/A]	NA
Ca_Desi_Ch_scaffold12372_2328	Ca_desi_scaffold	2328	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2329	Ca_desi_scaffold	2329	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2331	Ca_desi_scaffold	2331	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2332	Ca_desi_scaffold	2332	[A/C]	NA
Ca_Desi_Ch_scaffold12372_2333	Ca_desi_scaffold	2333	[C/A]	NA
Ca_Desi_Ch_scaffold12372_2334	Ca_desi_scaffold	2334	[T/A]	NA
Ca_Desi_Ch_scaffold12372_2335	Ca_desi_scaffold	2335	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2338	Ca_desi_scaffold	2338	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2341	Ca_desi_scaffold	2341	[G/A]	NA
Ca_Desi_Ch_scaffold12372_2342	Ca_desi_scaffold	2342	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2343	Ca_desi_scaffold	2343	[G/A]	NA
Ca_Desi_Ch_scaffold12372_2344	Ca_desi_scaffold	2344	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2345	Ca_desi_scaffold	2345	[G/A]	NA
Ca_Desi_Ch_scaffold12372_2346	Ca_desi_scaffold	2346	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2347	Ca_desi_scaffold	2347	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2349	Ca_desi_scaffold	2349	[C/T]	NA
Ca_Desi_Ch_scaffold12372_2351	Ca_desi_scaffold	2351	[A/C]	NA
Ca_Desi_Ch_scaffold12372_2353	Ca_desi_scaffold	2353	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2354	Ca_desi_scaffold	2354	[T/C]	NA
Ca_Desi_Ch_scaffold12372_2355	Ca_desi_scaffold	2355	[G/A]	NA
Ca_Desi_Ch_scaffold12372_2356	Ca_desi_scaffold	2356	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2357	Ca_desi_scaffold	2357	[G/A]	NA
Ca_Desi_Ch_scaffold12372_2358	Ca_desi_scaffold	2358	[A/G]	NA
Ca_Desi_Ch_scaffold12372_2359	Ca_desi_scaffold	2359	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12372_2360	Ca_desig_scaffold	2360	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2361	Ca_desig_scaffold	2361	[A/C]	NA
Ca_Desig_Chr_scaffold12372_2364	Ca_desig_scaffold	2364	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2365	Ca_desig_scaffold	2365	[C/T]	NA
Ca_Desig_Chr_scaffold12372_2367	Ca_desig_scaffold	2367	[C/T]	NA
Ca_Desig_Chr_scaffold12372_2369	Ca_desig_scaffold	2369	[T/C]	NA
Ca_Desig_Chr_scaffold12372_2371	Ca_desig_scaffold	2371	[T/C]	NA
Ca_Desig_Chr_scaffold12372_2374	Ca_desig_scaffold	2374	[T/C]	NA
Ca_Desig_Chr_scaffold12372_2375	Ca_desig_scaffold	2375	[A/G]	NA
Ca_Desig_Chr_scaffold12372_2376	Ca_desig_scaffold	2376	[G/A]	NA
Ca_Desig_Chr_scaffold12372_2427	Ca_desig_scaffold	2427	[T/G]	NA
Ca_Desig_Chr_scaffold12389_3400	Ca_desig_scaffold	3400	[A/T]	NA
Ca_Desig_Chr_scaffold12402_1494	Ca_desig_scaffold	1494	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1497	Ca_desig_scaffold	1497	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1498	Ca_desig_scaffold	1498	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1505	Ca_desig_scaffold	1505	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1508	Ca_desig_scaffold	1508	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1509	Ca_desig_scaffold	1509	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1512	Ca_desig_scaffold	1512	[T/G]	NA
Ca_Desig_Chr_scaffold12402_1514	Ca_desig_scaffold	1514	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1515	Ca_desig_scaffold	1515	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1518	Ca_desig_scaffold	1518	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1522	Ca_desig_scaffold	1522	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1523	Ca_desig_scaffold	1523	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1526	Ca_desig_scaffold	1526	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1527	Ca_desig_scaffold	1527	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1530	Ca_desig_scaffold	1530	[C/T]	NA
Ca_Desig_Chr_scaffold12402_1532	Ca_desig_scaffold	1532	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1534	Ca_desig_scaffold	1534	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1535	Ca_desig_scaffold	1535	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1537	Ca_desig_scaffold	1537	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1539	Ca_desig_scaffold	1539	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1540	Ca_desig_scaffold	1540	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1541	Ca_desig_scaffold	1541	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12402_1548	Ca_desig_scaffold	1548	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1549	Ca_desig_scaffold	1549	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1550	Ca_desig_scaffold	1550	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1737	Ca_desig_scaffold	1737	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1743	Ca_desig_scaffold	1743	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1744	Ca_desig_scaffold	1744	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1745	Ca_desig_scaffold	1745	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1747	Ca_desig_scaffold	1747	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1749	Ca_desig_scaffold	1749	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1758	Ca_desig_scaffold	1758	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1760	Ca_desig_scaffold	1760	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1764	Ca_desig_scaffold	1764	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1767	Ca_desig_scaffold	1767	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1769	Ca_desig_scaffold	1769	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1772	Ca_desig_scaffold	1772	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1774	Ca_desig_scaffold	1774	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1778	Ca_desig_scaffold	1778	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1780	Ca_desig_scaffold	1780	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1783	Ca_desig_scaffold	1783	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1785	Ca_desig_scaffold	1785	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1786	Ca_desig_scaffold	1786	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1790	Ca_desig_scaffold	1790	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1792	Ca_desig_scaffold	1792	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1794	Ca_desig_scaffold	1794	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1795	Ca_desig_scaffold	1795	[C/A]	NA
Ca_Desig_Chr_scaffold12402_1957	Ca_desig_scaffold	1957	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1959	Ca_desig_scaffold	1959	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1970	Ca_desig_scaffold	1970	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1975	Ca_desig_scaffold	1975	[C/T]	NA
Ca_Desig_Chr_scaffold12402_1976	Ca_desig_scaffold	1976	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1982	Ca_desig_scaffold	1982	[A/G]	NA
Ca_Desig_Chr_scaffold12402_1984	Ca_desig_scaffold	1984	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1989	Ca_desig_scaffold	1989	[T/C]	NA
Ca_Desig_Chr_scaffold12402_1993	Ca_desig_scaffold	1993	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold12402_1999	Ca_desi_scaffold	1999	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2002	Ca_desi_scaffold	2002	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2005	Ca_desi_scaffold	2005	[T/C]	NA
Ca_Desi_Chromosome_scaffold12402_2007	Ca_desi_scaffold	2007	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2008	Ca_desi_scaffold	2008	[C/G]	NA
Ca_Desi_Chromosome_scaffold12402_2119	Ca_desi_scaffold	2119	[A/C]	NA
Ca_Desi_Chromosome_scaffold12402_2124	Ca_desi_scaffold	2124	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2125	Ca_desi_scaffold	2125	[T/C]	NA
Ca_Desi_Chromosome_scaffold12402_2126	Ca_desi_scaffold	2126	[T/C]	NA
Ca_Desi_Chromosome_scaffold12402_2128	Ca_desi_scaffold	2128	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2129	Ca_desi_scaffold	2129	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2130	Ca_desi_scaffold	2130	[T/A]	NA
Ca_Desi_Chromosome_scaffold12402_2133	Ca_desi_scaffold	2133	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2135	Ca_desi_scaffold	2135	[T/C]	NA
Ca_Desi_Chromosome_scaffold12402_2136	Ca_desi_scaffold	2136	[T/C]	NA
Ca_Desi_Chromosome_scaffold12402_2139	Ca_desi_scaffold	2139	[T/C]	NA
Ca_Desi_Chromosome_scaffold12402_2143	Ca_desi_scaffold	2143	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2144	Ca_desi_scaffold	2144	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2145	Ca_desi_scaffold	2145	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2148	Ca_desi_scaffold	2148	[T/C]	NA
Ca_Desi_Chromosome_scaffold12402_2152	Ca_desi_scaffold	2152	[T/C]	NA
Ca_Desi_Chromosome_scaffold12402_2153	Ca_desi_scaffold	2153	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2155	Ca_desi_scaffold	2155	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2157	Ca_desi_scaffold	2157	[T/C]	NA
Ca_Desi_Chromosome_scaffold12402_2159	Ca_desi_scaffold	2159	[T/C]	NA
Ca_Desi_Chromosome_scaffold12402_2163	Ca_desi_scaffold	2163	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2166	Ca_desi_scaffold	2166	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2168	Ca_desi_scaffold	2168	[T/C]	NA
Ca_Desi_Chromosome_scaffold12402_2170	Ca_desi_scaffold	2170	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2173	Ca_desi_scaffold	2173	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2175	Ca_desi_scaffold	2175	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2176	Ca_desi_scaffold	2176	[A/G]	NA
Ca_Desi_Chromosome_scaffold12402_2241	Ca_desi_scaffold	2241	[C/A]	NA
Ca_Desi_Chromosome_scaffold12419_305	Ca_desi_scaffold	305	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12419_353	Ca_desig_scaffold	353	[T/C]	NA
Ca_Desig_Chr_scaffold12419_414	Ca_desig_scaffold	414	[G/A]	NA
Ca_Desig_Chr_scaffold12419_419	Ca_desig_scaffold	419	[T/G]	NA
Ca_Desig_Chr_scaffold12419_449	Ca_desig_scaffold	449	[A/C]	NA
Ca_Desig_Chr_scaffold12419_875	Ca_desig_scaffold	875	[T/C]	NA
Ca_Desig_Chr_scaffold12419_1637	Ca_desig_scaffold	1637	[T/G]	NA
Ca_Desig_Chr_scaffold12419_2551	Ca_desig_scaffold	2551	[C/A]	NA
Ca_Desig_Chr_scaffold12419_2677	Ca_desig_scaffold	2677	[G/C]	NA
Ca_Desig_Chr_scaffold12419_2691	Ca_desig_scaffold	2691	[T/C]	NA
Ca_Desig_Chr_scaffold12419_2693	Ca_desig_scaffold	2693	[A/C]	NA
Ca_Desig_Chr_scaffold12419_2695	Ca_desig_scaffold	2695	[T/C]	NA
Ca_Desig_Chr_scaffold12419_2698	Ca_desig_scaffold	2698	[A/C]	NA
Ca_Desig_Chr_scaffold12419_2700	Ca_desig_scaffold	2700	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3332	Ca_desig_scaffold	3332	[A/C]	NA
Ca_Desig_Chr_scaffold12419_3356	Ca_desig_scaffold	3356	[A/T]	NA
Ca_Desig_Chr_scaffold12419_3359	Ca_desig_scaffold	3359	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3360	Ca_desig_scaffold	3360	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3361	Ca_desig_scaffold	3361	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3362	Ca_desig_scaffold	3362	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3363	Ca_desig_scaffold	3363	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3364	Ca_desig_scaffold	3364	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3365	Ca_desig_scaffold	3365	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3366	Ca_desig_scaffold	3366	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3367	Ca_desig_scaffold	3367	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3368	Ca_desig_scaffold	3368	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3369	Ca_desig_scaffold	3369	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3370	Ca_desig_scaffold	3370	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3371	Ca_desig_scaffold	3371	[G/T]	NA
Ca_Desig_Chr_scaffold12419_3372	Ca_desig_scaffold	3372	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3373	Ca_desig_scaffold	3373	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3374	Ca_desig_scaffold	3374	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3375	Ca_desig_scaffold	3375	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3376	Ca_desig_scaffold	3376	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3377	Ca_desig_scaffold	3377	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12419_3378	Ca_desig_scaffold	3378	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3379	Ca_desig_scaffold	3379	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3380	Ca_desig_scaffold	3380	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3381	Ca_desig_scaffold	3381	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3382	Ca_desig_scaffold	3382	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3383	Ca_desig_scaffold	3383	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3384	Ca_desig_scaffold	3384	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3385	Ca_desig_scaffold	3385	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3386	Ca_desig_scaffold	3386	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3387	Ca_desig_scaffold	3387	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3388	Ca_desig_scaffold	3388	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3389	Ca_desig_scaffold	3389	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3390	Ca_desig_scaffold	3390	[C/A]	NA
Ca_Desig_Chr_scaffold12419_3391	Ca_desig_scaffold	3391	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3392	Ca_desig_scaffold	3392	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3393	Ca_desig_scaffold	3393	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3394	Ca_desig_scaffold	3394	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3395	Ca_desig_scaffold	3395	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3396	Ca_desig_scaffold	3396	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3397	Ca_desig_scaffold	3397	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3398	Ca_desig_scaffold	3398	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3399	Ca_desig_scaffold	3399	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3400	Ca_desig_scaffold	3400	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3402	Ca_desig_scaffold	3402	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3403	Ca_desig_scaffold	3403	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3404	Ca_desig_scaffold	3404	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3405	Ca_desig_scaffold	3405	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3406	Ca_desig_scaffold	3406	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3407	Ca_desig_scaffold	3407	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3408	Ca_desig_scaffold	3408	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3410	Ca_desig_scaffold	3410	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3411	Ca_desig_scaffold	3411	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3412	Ca_desig_scaffold	3412	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3413	Ca_desig_scaffold	3413	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12419_3414	Ca_desig_scaffold	3414	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3415	Ca_desig_scaffold	3415	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3417	Ca_desig_scaffold	3417	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3418	Ca_desig_scaffold	3418	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3448	Ca_desig_scaffold	3448	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3449	Ca_desig_scaffold	3449	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3450	Ca_desig_scaffold	3450	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3451	Ca_desig_scaffold	3451	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3452	Ca_desig_scaffold	3452	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3453	Ca_desig_scaffold	3453	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3455	Ca_desig_scaffold	3455	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3456	Ca_desig_scaffold	3456	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3457	Ca_desig_scaffold	3457	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3458	Ca_desig_scaffold	3458	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3459	Ca_desig_scaffold	3459	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3460	Ca_desig_scaffold	3460	[C/G]	NA
Ca_Desig_Chr_scaffold12419_3461	Ca_desig_scaffold	3461	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3462	Ca_desig_scaffold	3462	[C/A]	NA
Ca_Desig_Chr_scaffold12419_3463	Ca_desig_scaffold	3463	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3464	Ca_desig_scaffold	3464	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3465	Ca_desig_scaffold	3465	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3466	Ca_desig_scaffold	3466	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3467	Ca_desig_scaffold	3467	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3468	Ca_desig_scaffold	3468	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3470	Ca_desig_scaffold	3470	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3471	Ca_desig_scaffold	3471	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3472	Ca_desig_scaffold	3472	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3473	Ca_desig_scaffold	3473	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3474	Ca_desig_scaffold	3474	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3475	Ca_desig_scaffold	3475	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3476	Ca_desig_scaffold	3476	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3477	Ca_desig_scaffold	3477	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3478	Ca_desig_scaffold	3478	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3479	Ca_desig_scaffold	3479	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12419_3481	Ca_desig_scaffold	3481	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3482	Ca_desig_scaffold	3482	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3483	Ca_desig_scaffold	3483	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3484	Ca_desig_scaffold	3484	[C/A]	NA
Ca_Desig_Chr_scaffold12419_3485	Ca_desig_scaffold	3485	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3486	Ca_desig_scaffold	3486	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3487	Ca_desig_scaffold	3487	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3488	Ca_desig_scaffold	3488	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3489	Ca_desig_scaffold	3489	[C/T]	NA
Ca_Desig_Chr_scaffold12419_3490	Ca_desig_scaffold	3490	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3491	Ca_desig_scaffold	3491	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3492	Ca_desig_scaffold	3492	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3493	Ca_desig_scaffold	3493	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3494	Ca_desig_scaffold	3494	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3495	Ca_desig_scaffold	3495	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3497	Ca_desig_scaffold	3497	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3498	Ca_desig_scaffold	3498	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3499	Ca_desig_scaffold	3499	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3500	Ca_desig_scaffold	3500	[G/A]	NA
Ca_Desig_Chr_scaffold12419_3502	Ca_desig_scaffold	3502	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3504	Ca_desig_scaffold	3504	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3505	Ca_desig_scaffold	3505	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3509	Ca_desig_scaffold	3509	[A/T]	NA
Ca_Desig_Chr_scaffold12419_3515	Ca_desig_scaffold	3515	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3517	Ca_desig_scaffold	3517	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3523	Ca_desig_scaffold	3523	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3541	Ca_desig_scaffold	3541	[T/A]	NA
Ca_Desig_Chr_scaffold12419_3543	Ca_desig_scaffold	3543	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3546	Ca_desig_scaffold	3546	[T/G]	NA
Ca_Desig_Chr_scaffold12419_3551	Ca_desig_scaffold	3551	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3552	Ca_desig_scaffold	3552	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3554	Ca_desig_scaffold	3554	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3557	Ca_desig_scaffold	3557	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3562	Ca_desig_scaffold	3562	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12419_3565	Ca_desig_scaffold	3565	[A/G]	NA
Ca_Desig_Chr_scaffold12419_3567	Ca_desig_scaffold	3567	[T/C]	NA
Ca_Desig_Chr_scaffold12419_3571	Ca_desig_scaffold	3571	[T/C]	NA
Ca_Desig_Chr_scaffold12429_288	Ca_desig_scaffold	288	[T/G]	NA
Ca_Desig_Chr_scaffold12429_320	Ca_desig_scaffold	320	[G/T]	NA
Ca_Desig_Chr_scaffold12429_1989	Ca_desig_scaffold	1989	[A/G]	NA
Ca_Desig_Chr_scaffold12429_1990	Ca_desig_scaffold	1990	[A/G]	NA
Ca_Desig_Chr_scaffold12429_1992	Ca_desig_scaffold	1992	[T/C]	NA
Ca_Desig_Chr_scaffold12429_1994	Ca_desig_scaffold	1994	[A/G]	NA
Ca_Desig_Chr_scaffold12429_1996	Ca_desig_scaffold	1996	[T/C]	NA
Ca_Desig_Chr_scaffold12429_1998	Ca_desig_scaffold	1998	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2002	Ca_desig_scaffold	2002	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2004	Ca_desig_scaffold	2004	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2008	Ca_desig_scaffold	2008	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2009	Ca_desig_scaffold	2009	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2012	Ca_desig_scaffold	2012	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2015	Ca_desig_scaffold	2015	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2018	Ca_desig_scaffold	2018	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2026	Ca_desig_scaffold	2026	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2029	Ca_desig_scaffold	2029	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2034	Ca_desig_scaffold	2034	[A/C]	NA
Ca_Desig_Chr_scaffold12429_2036	Ca_desig_scaffold	2036	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2038	Ca_desig_scaffold	2038	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2040	Ca_desig_scaffold	2040	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2042	Ca_desig_scaffold	2042	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2043	Ca_desig_scaffold	2043	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2045	Ca_desig_scaffold	2045	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2046	Ca_desig_scaffold	2046	[C/G]	NA
Ca_Desig_Chr_scaffold12429_2047	Ca_desig_scaffold	2047	[A/C]	NA
Ca_Desig_Chr_scaffold12429_2051	Ca_desig_scaffold	2051	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2052	Ca_desig_scaffold	2052	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2054	Ca_desig_scaffold	2054	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2057	Ca_desig_scaffold	2057	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2058	Ca_desig_scaffold	2058	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold12429_2061	Ca_desi_scaffold	2061	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2063	Ca_desi_scaffold	2063	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2066	Ca_desi_scaffold	2066	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2069	Ca_desi_scaffold	2069	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2070	Ca_desi_scaffold	2070	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2071	Ca_desi_scaffold	2071	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2082	Ca_desi_scaffold	2082	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2085	Ca_desi_scaffold	2085	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2086	Ca_desi_scaffold	2086	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2089	Ca_desi_scaffold	2089	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2092	Ca_desi_scaffold	2092	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2097	Ca_desi_scaffold	2097	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2101	Ca_desi_scaffold	2101	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2107	Ca_desi_scaffold	2107	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2109	Ca_desi_scaffold	2109	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2110	Ca_desi_scaffold	2110	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2117	Ca_desi_scaffold	2117	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2120	Ca_desi_scaffold	2120	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2124	Ca_desi_scaffold	2124	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2126	Ca_desi_scaffold	2126	[T/G]	NA
Ca_Desi_Ch_scaffold12429_2128	Ca_desi_scaffold	2128	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2129	Ca_desi_scaffold	2129	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2131	Ca_desi_scaffold	2131	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2132	Ca_desi_scaffold	2132	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2134	Ca_desi_scaffold	2134	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2139	Ca_desi_scaffold	2139	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2140	Ca_desi_scaffold	2140	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2141	Ca_desi_scaffold	2141	[C/G]	NA
Ca_Desi_Ch_scaffold12429_2236	Ca_desi_scaffold	2236	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2238	Ca_desi_scaffold	2238	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2244	Ca_desi_scaffold	2244	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2247	Ca_desi_scaffold	2247	[A/C]	NA
Ca_Desi_Ch_scaffold12429_2249	Ca_desi_scaffold	2249	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2253	Ca_desi_scaffold	2253	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12429_2254	Ca_desig_scaffold	2254	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2255	Ca_desig_scaffold	2255	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2259	Ca_desig_scaffold	2259	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2261	Ca_desig_scaffold	2261	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2265	Ca_desig_scaffold	2265	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2267	Ca_desig_scaffold	2267	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2269	Ca_desig_scaffold	2269	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2271	Ca_desig_scaffold	2271	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2272	Ca_desig_scaffold	2272	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2276	Ca_desig_scaffold	2276	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2279	Ca_desig_scaffold	2279	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2282	Ca_desig_scaffold	2282	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2285	Ca_desig_scaffold	2285	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2289	Ca_desig_scaffold	2289	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2293	Ca_desig_scaffold	2293	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2294	Ca_desig_scaffold	2294	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2300	Ca_desig_scaffold	2300	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2301	Ca_desig_scaffold	2301	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2302	Ca_desig_scaffold	2302	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2303	Ca_desig_scaffold	2303	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2305	Ca_desig_scaffold	2305	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2306	Ca_desig_scaffold	2306	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2307	Ca_desig_scaffold	2307	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2309	Ca_desig_scaffold	2309	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2311	Ca_desig_scaffold	2311	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2313	Ca_desig_scaffold	2313	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2314	Ca_desig_scaffold	2314	[G/A]	NA
Ca_Desig_Chr_scaffold12429_2315	Ca_desig_scaffold	2315	[G/A]	NA
Ca_Desig_Chr_scaffold12429_2316	Ca_desig_scaffold	2316	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2317	Ca_desig_scaffold	2317	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2318	Ca_desig_scaffold	2318	[G/A]	NA
Ca_Desig_Chr_scaffold12429_2319	Ca_desig_scaffold	2319	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2320	Ca_desig_scaffold	2320	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2321	Ca_desig_scaffold	2321	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12429_2322	Ca_desig_scaffold	2322	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2323	Ca_desig_scaffold	2323	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2324	Ca_desig_scaffold	2324	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2325	Ca_desig_scaffold	2325	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2326	Ca_desig_scaffold	2326	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2327	Ca_desig_scaffold	2327	[G/A]	NA
Ca_Desig_Chr_scaffold12429_2328	Ca_desig_scaffold	2328	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2329	Ca_desig_scaffold	2329	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2330	Ca_desig_scaffold	2330	[G/C]	NA
Ca_Desig_Chr_scaffold12429_2332	Ca_desig_scaffold	2332	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2333	Ca_desig_scaffold	2333	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2334	Ca_desig_scaffold	2334	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2335	Ca_desig_scaffold	2335	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2336	Ca_desig_scaffold	2336	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2337	Ca_desig_scaffold	2337	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2338	Ca_desig_scaffold	2338	[G/A]	NA
Ca_Desig_Chr_scaffold12429_2339	Ca_desig_scaffold	2339	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2340	Ca_desig_scaffold	2340	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2341	Ca_desig_scaffold	2341	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2342	Ca_desig_scaffold	2342	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2343	Ca_desig_scaffold	2343	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2344	Ca_desig_scaffold	2344	[A/G]	NA
Ca_Desig_Chr_scaffold12429_2345	Ca_desig_scaffold	2345	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2346	Ca_desig_scaffold	2346	[G/C]	NA
Ca_Desig_Chr_scaffold12429_2347	Ca_desig_scaffold	2347	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2348	Ca_desig_scaffold	2348	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2349	Ca_desig_scaffold	2349	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2350	Ca_desig_scaffold	2350	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2351	Ca_desig_scaffold	2351	[C/T]	NA
Ca_Desig_Chr_scaffold12429_2352	Ca_desig_scaffold	2352	[G/A]	NA
Ca_Desig_Chr_scaffold12429_2353	Ca_desig_scaffold	2353	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2354	Ca_desig_scaffold	2354	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2355	Ca_desig_scaffold	2355	[T/C]	NA
Ca_Desig_Chr_scaffold12429_2356	Ca_desig_scaffold	2356	[G/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold12429_2357	Ca_desi_scaffold	2357	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2359	Ca_desi_scaffold	2359	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2474	Ca_desi_scaffold	2474	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2475	Ca_desi_scaffold	2475	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2477	Ca_desi_scaffold	2477	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2479	Ca_desi_scaffold	2479	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2481	Ca_desi_scaffold	2481	[C/T]	NA
Ca_Desi_Ch_scaffold12429_2789	Ca_desi_scaffold	2789	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2803	Ca_desi_scaffold	2803	[T/C]	NA
Ca_Desi_Ch_scaffold12429_2806	Ca_desi_scaffold	2806	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2823	Ca_desi_scaffold	2823	[A/G]	NA
Ca_Desi_Ch_scaffold12429_2830	Ca_desi_scaffold	2830	[T/C]	NA
Ca_Desi_Ch_scaffold12429_3056	Ca_desi_scaffold	3056	[A/G]	NA
Ca_Desi_Ch_scaffold12429_3077	Ca_desi_scaffold	3077	[A/T]	NA
Ca_Desi_Ch_scaffold12429_3081	Ca_desi_scaffold	3081	[T/C]	NA
Ca_Desi_Ch_scaffold12429_3088	Ca_desi_scaffold	3088	[T/C]	NA
Ca_Desi_Ch_scaffold12429_3105	Ca_desi_scaffold	3105	[T/C]	NA
Ca_Desi_Ch_scaffold12429_3122	Ca_desi_scaffold	3122	[T/C]	NA
Ca_Desi_Ch_scaffold12429_3129	Ca_desi_scaffold	3129	[A/G]	NA
Ca_Desi_Ch_scaffold12429_3138	Ca_desi_scaffold	3138	[A/G]	NA
Ca_Desi_Ch_scaffold12429_3143	Ca_desi_scaffold	3143	[A/G]	NA
Ca_Desi_Ch_scaffold12429_3154	Ca_desi_scaffold	3154	[T/C]	NA
Ca_Desi_Ch_scaffold12429_3178	Ca_desi_scaffold	3178	[T/G]	NA
Ca_Desi_Ch_scaffold12429_3180	Ca_desi_scaffold	3180	[A/G]	NA
Ca_Desi_Ch_scaffold12488_1493	Ca_desi_scaffold	1493	[T/A]	NA
Ca_Desi_Ch_scaffold12488_1495	Ca_desi_scaffold	1495	[A/G]	NA
Ca_Desi_Ch_scaffold12488_1499	Ca_desi_scaffold	1499	[A/G]	NA
Ca_Desi_Ch_scaffold12488_1521	Ca_desi_scaffold	1521	[A/G]	NA
Ca_Desi_Ch_scaffold12488_1542	Ca_desi_scaffold	1542	[C/G]	NA
Ca_Desi_Ch_scaffold12488_2091	Ca_desi_scaffold	2091	[C/A]	NA
Ca_Desi_Ch_scaffold12562_203	Ca_desi_scaffold	203	[A/C]	NA
Ca_Desi_Ch_scaffold12566_806	Ca_desi_scaffold	806	[C/T]	NA
Ca_Desi_Ch_scaffold12566_807	Ca_desi_scaffold	807	[A/G]	NA
Ca_Desi_Ch_scaffold12566_809	Ca_desi_scaffold	809	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12566_811	Ca_desig_scaffold	811	[T/C]	NA
Ca_Desig_Chr_scaffold12566_812	Ca_desig_scaffold	812	[G/A]	NA
Ca_Desig_Chr_scaffold12566_813	Ca_desig_scaffold	813	[A/G]	NA
Ca_Desig_Chr_scaffold12566_815	Ca_desig_scaffold	815	[T/C]	NA
Ca_Desig_Chr_scaffold12566_816	Ca_desig_scaffold	816	[A/G]	NA
Ca_Desig_Chr_scaffold12566_817	Ca_desig_scaffold	817	[C/T]	NA
Ca_Desig_Chr_scaffold12566_818	Ca_desig_scaffold	818	[G/A]	NA
Ca_Desig_Chr_scaffold12566_820	Ca_desig_scaffold	820	[A/G]	NA
Ca_Desig_Chr_scaffold12566_822	Ca_desig_scaffold	822	[A/G]	NA
Ca_Desig_Chr_scaffold12566_823	Ca_desig_scaffold	823	[T/C]	NA
Ca_Desig_Chr_scaffold12566_824	Ca_desig_scaffold	824	[A/G]	NA
Ca_Desig_Chr_scaffold12566_826	Ca_desig_scaffold	826	[A/G]	NA
Ca_Desig_Chr_scaffold12566_827	Ca_desig_scaffold	827	[A/G]	NA
Ca_Desig_Chr_scaffold12566_828	Ca_desig_scaffold	828	[A/G]	NA
Ca_Desig_Chr_scaffold12566_830	Ca_desig_scaffold	830	[A/G]	NA
Ca_Desig_Chr_scaffold12566_831	Ca_desig_scaffold	831	[A/G]	NA
Ca_Desig_Chr_scaffold12566_833	Ca_desig_scaffold	833	[A/G]	NA
Ca_Desig_Chr_scaffold12566_834	Ca_desig_scaffold	834	[G/A]	NA
Ca_Desig_Chr_scaffold12566_836	Ca_desig_scaffold	836	[A/G]	NA
Ca_Desig_Chr_scaffold12566_837	Ca_desig_scaffold	837	[T/C]	NA
Ca_Desig_Chr_scaffold12566_838	Ca_desig_scaffold	838	[G/A]	NA
Ca_Desig_Chr_scaffold12566_841	Ca_desig_scaffold	841	[A/G]	NA
Ca_Desig_Chr_scaffold12566_842	Ca_desig_scaffold	842	[A/G]	NA
Ca_Desig_Chr_scaffold12566_843	Ca_desig_scaffold	843	[G/A]	NA
Ca_Desig_Chr_scaffold12566_844	Ca_desig_scaffold	844	[A/G]	NA
Ca_Desig_Chr_scaffold12566_845	Ca_desig_scaffold	845	[T/C]	NA
Ca_Desig_Chr_scaffold12566_846	Ca_desig_scaffold	846	[G/A]	NA
Ca_Desig_Chr_scaffold12566_847	Ca_desig_scaffold	847	[A/G]	NA
Ca_Desig_Chr_scaffold12566_848	Ca_desig_scaffold	848	[A/G]	NA
Ca_Desig_Chr_scaffold12566_850	Ca_desig_scaffold	850	[C/T]	NA
Ca_Desig_Chr_scaffold12566_851	Ca_desig_scaffold	851	[G/A]	NA
Ca_Desig_Chr_scaffold12566_852	Ca_desig_scaffold	852	[A/G]	NA
Ca_Desig_Chr_scaffold12566_853	Ca_desig_scaffold	853	[T/C]	NA
Ca_Desig_Chr_scaffold12566_854	Ca_desig_scaffold	854	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold12566_855	Ca_desi_scaffold	855	[T/C]	NA
Ca_Desi_Ch_scaffold12566_856	Ca_desi_scaffold	856	[T/C]	NA
Ca_Desi_Ch_scaffold12566_858	Ca_desi_scaffold	858	[A/G]	NA
Ca_Desi_Ch_scaffold12566_859	Ca_desi_scaffold	859	[A/G]	NA
Ca_Desi_Ch_scaffold12566_860	Ca_desi_scaffold	860	[A/G]	NA
Ca_Desi_Ch_scaffold12566_861	Ca_desi_scaffold	861	[A/G]	NA
Ca_Desi_Ch_scaffold12566_862	Ca_desi_scaffold	862	[A/G]	NA
Ca_Desi_Ch_scaffold12566_863	Ca_desi_scaffold	863	[A/G]	NA
Ca_Desi_Ch_scaffold12566_864	Ca_desi_scaffold	864	[G/A]	NA
Ca_Desi_Ch_scaffold12566_917	Ca_desi_scaffold	917	[T/C]	NA
Ca_Desi_Ch_scaffold12566_919	Ca_desi_scaffold	919	[A/G]	NA
Ca_Desi_Ch_scaffold12566_921	Ca_desi_scaffold	921	[T/C]	NA
Ca_Desi_Ch_scaffold12566_922	Ca_desi_scaffold	922	[C/T]	NA
Ca_Desi_Ch_scaffold12566_923	Ca_desi_scaffold	923	[T/C]	NA
Ca_Desi_Ch_scaffold12566_924	Ca_desi_scaffold	924	[T/C]	NA
Ca_Desi_Ch_scaffold12566_926	Ca_desi_scaffold	926	[G/A]	NA
Ca_Desi_Ch_scaffold12566_928	Ca_desi_scaffold	928	[T/G]	NA
Ca_Desi_Ch_scaffold12566_929	Ca_desi_scaffold	929	[G/A]	NA
Ca_Desi_Ch_scaffold12566_932	Ca_desi_scaffold	932	[G/T]	NA
Ca_Desi_Ch_scaffold12566_933	Ca_desi_scaffold	933	[T/C]	NA
Ca_Desi_Ch_scaffold12566_934	Ca_desi_scaffold	934	[A/G]	NA
Ca_Desi_Ch_scaffold12566_935	Ca_desi_scaffold	935	[A/G]	NA
Ca_Desi_Ch_scaffold12566_936	Ca_desi_scaffold	936	[T/C]	NA
Ca_Desi_Ch_scaffold12566_937	Ca_desi_scaffold	937	[A/T]	NA
Ca_Desi_Ch_scaffold12566_938	Ca_desi_scaffold	938	[T/C]	NA
Ca_Desi_Ch_scaffold12566_940	Ca_desi_scaffold	940	[C/T]	NA
Ca_Desi_Ch_scaffold12566_941	Ca_desi_scaffold	941	[T/C]	NA
Ca_Desi_Ch_scaffold12566_943	Ca_desi_scaffold	943	[T/C]	NA
Ca_Desi_Ch_scaffold12566_945	Ca_desi_scaffold	945	[T/C]	NA
Ca_Desi_Ch_scaffold12566_948	Ca_desi_scaffold	948	[T/C]	NA
Ca_Desi_Ch_scaffold12566_949	Ca_desi_scaffold	949	[G/A]	NA
Ca_Desi_Ch_scaffold12566_952	Ca_desi_scaffold	952	[C/T]	NA
Ca_Desi_Ch_scaffold12566_954	Ca_desi_scaffold	954	[T/C]	NA
Ca_Desi_Ch_scaffold12566_955	Ca_desi_scaffold	955	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold12566_957	Ca_desi_scaffold	957	[G/A]	NA
Ca_Desi_Ch_scaffold12566_958	Ca_desi_scaffold	958	[T/C]	NA
Ca_Desi_Ch_scaffold12566_961	Ca_desi_scaffold	961	[T/C]	NA
Ca_Desi_Ch_scaffold12566_962	Ca_desi_scaffold	962	[A/G]	NA
Ca_Desi_Ch_scaffold12566_966	Ca_desi_scaffold	966	[T/C]	NA
Ca_Desi_Ch_scaffold12566_967	Ca_desi_scaffold	967	[G/A]	NA
Ca_Desi_Ch_scaffold12566_968	Ca_desi_scaffold	968	[C/T]	NA
Ca_Desi_Ch_scaffold12566_969	Ca_desi_scaffold	969	[A/G]	NA
Ca_Desi_Ch_scaffold12566_970	Ca_desi_scaffold	970	[A/G]	NA
Ca_Desi_Ch_scaffold12566_972	Ca_desi_scaffold	972	[T/C]	NA
Ca_Desi_Ch_scaffold12566_973	Ca_desi_scaffold	973	[C/T]	NA
Ca_Desi_Ch_scaffold12566_974	Ca_desi_scaffold	974	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1018	Ca_desi_scaffold	1018	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1019	Ca_desi_scaffold	1019	[T/C]	NA
Ca_Desi_Ch_scaffold12566_1022	Ca_desi_scaffold	1022	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1023	Ca_desi_scaffold	1023	[G/A]	NA
Ca_Desi_Ch_scaffold12566_1025	Ca_desi_scaffold	1025	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1026	Ca_desi_scaffold	1026	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1027	Ca_desi_scaffold	1027	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1029	Ca_desi_scaffold	1029	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1030	Ca_desi_scaffold	1030	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1031	Ca_desi_scaffold	1031	[T/C]	NA
Ca_Desi_Ch_scaffold12566_1032	Ca_desi_scaffold	1032	[T/C]	NA
Ca_Desi_Ch_scaffold12566_1034	Ca_desi_scaffold	1034	[C/T]	NA
Ca_Desi_Ch_scaffold12566_1035	Ca_desi_scaffold	1035	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1036	Ca_desi_scaffold	1036	[T/C]	NA
Ca_Desi_Ch_scaffold12566_1038	Ca_desi_scaffold	1038	[T/C]	NA
Ca_Desi_Ch_scaffold12566_1042	Ca_desi_scaffold	1042	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1045	Ca_desi_scaffold	1045	[T/C]	NA
Ca_Desi_Ch_scaffold12566_1047	Ca_desi_scaffold	1047	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1048	Ca_desi_scaffold	1048	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1049	Ca_desi_scaffold	1049	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1050	Ca_desi_scaffold	1050	[A/G]	NA
Ca_Desi_Ch_scaffold12566_1051	Ca_desi_scaffold	1051	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12566_1052	Ca_desig_scaffold	1052	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1053	Ca_desig_scaffold	1053	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1054	Ca_desig_scaffold	1054	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1055	Ca_desig_scaffold	1055	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1058	Ca_desig_scaffold	1058	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1059	Ca_desig_scaffold	1059	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1061	Ca_desig_scaffold	1061	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1063	Ca_desig_scaffold	1063	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1064	Ca_desig_scaffold	1064	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1065	Ca_desig_scaffold	1065	[G/A]	NA
Ca_Desig_Chr_scaffold12566_1066	Ca_desig_scaffold	1066	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1067	Ca_desig_scaffold	1067	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1068	Ca_desig_scaffold	1068	[C/T]	NA
Ca_Desig_Chr_scaffold12566_1069	Ca_desig_scaffold	1069	[G/A]	NA
Ca_Desig_Chr_scaffold12566_1070	Ca_desig_scaffold	1070	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1071	Ca_desig_scaffold	1071	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1073	Ca_desig_scaffold	1073	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1074	Ca_desig_scaffold	1074	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1076	Ca_desig_scaffold	1076	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1077	Ca_desig_scaffold	1077	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1154	Ca_desig_scaffold	1154	[C/T]	NA
Ca_Desig_Chr_scaffold12566_1155	Ca_desig_scaffold	1155	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1156	Ca_desig_scaffold	1156	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1157	Ca_desig_scaffold	1157	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1159	Ca_desig_scaffold	1159	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1161	Ca_desig_scaffold	1161	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1163	Ca_desig_scaffold	1163	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1164	Ca_desig_scaffold	1164	[G/A]	NA
Ca_Desig_Chr_scaffold12566_1165	Ca_desig_scaffold	1165	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1168	Ca_desig_scaffold	1168	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1170	Ca_desig_scaffold	1170	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1172	Ca_desig_scaffold	1172	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1173	Ca_desig_scaffold	1173	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1175	Ca_desig_scaffold	1175	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12566_1178	Ca_desig_scaffold	1178	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1179	Ca_desig_scaffold	1179	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1181	Ca_desig_scaffold	1181	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1183	Ca_desig_scaffold	1183	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1184	Ca_desig_scaffold	1184	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1185	Ca_desig_scaffold	1185	[C/T]	NA
Ca_Desig_Chr_scaffold12566_1186	Ca_desig_scaffold	1186	[G/A]	NA
Ca_Desig_Chr_scaffold12566_1188	Ca_desig_scaffold	1188	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1191	Ca_desig_scaffold	1191	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1195	Ca_desig_scaffold	1195	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1196	Ca_desig_scaffold	1196	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1198	Ca_desig_scaffold	1198	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1200	Ca_desig_scaffold	1200	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1202	Ca_desig_scaffold	1202	[T/C]	NA
Ca_Desig_Chr_scaffold12566_1204	Ca_desig_scaffold	1204	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1205	Ca_desig_scaffold	1205	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1206	Ca_desig_scaffold	1206	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1207	Ca_desig_scaffold	1207	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1208	Ca_desig_scaffold	1208	[A/G]	NA
Ca_Desig_Chr_scaffold12566_1211	Ca_desig_scaffold	1211	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3107	Ca_desig_scaffold	3107	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3108	Ca_desig_scaffold	3108	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3113	Ca_desig_scaffold	3113	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3115	Ca_desig_scaffold	3115	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3117	Ca_desig_scaffold	3117	[T/G]	NA
Ca_Desig_Chr_scaffold12566_3118	Ca_desig_scaffold	3118	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3122	Ca_desig_scaffold	3122	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3128	Ca_desig_scaffold	3128	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3130	Ca_desig_scaffold	3130	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3132	Ca_desig_scaffold	3132	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3134	Ca_desig_scaffold	3134	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3137	Ca_desig_scaffold	3137	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3138	Ca_desig_scaffold	3138	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3139	Ca_desig_scaffold	3139	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12566_3145	Ca_desig_scaffold	3145	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3147	Ca_desig_scaffold	3147	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3149	Ca_desig_scaffold	3149	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3151	Ca_desig_scaffold	3151	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3153	Ca_desig_scaffold	3153	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3154	Ca_desig_scaffold	3154	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3155	Ca_desig_scaffold	3155	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3160	Ca_desig_scaffold	3160	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3161	Ca_desig_scaffold	3161	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3162	Ca_desig_scaffold	3162	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3164	Ca_desig_scaffold	3164	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3261	Ca_desig_scaffold	3261	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3262	Ca_desig_scaffold	3262	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3264	Ca_desig_scaffold	3264	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3268	Ca_desig_scaffold	3268	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3269	Ca_desig_scaffold	3269	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3270	Ca_desig_scaffold	3270	[A/C]	NA
Ca_Desig_Chr_scaffold12566_3275	Ca_desig_scaffold	3275	[C/G]	NA
Ca_Desig_Chr_scaffold12566_3277	Ca_desig_scaffold	3277	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3278	Ca_desig_scaffold	3278	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3280	Ca_desig_scaffold	3280	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3281	Ca_desig_scaffold	3281	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3282	Ca_desig_scaffold	3282	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3284	Ca_desig_scaffold	3284	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3285	Ca_desig_scaffold	3285	[C/T]	NA
Ca_Desig_Chr_scaffold12566_3287	Ca_desig_scaffold	3287	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3289	Ca_desig_scaffold	3289	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3290	Ca_desig_scaffold	3290	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3291	Ca_desig_scaffold	3291	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3292	Ca_desig_scaffold	3292	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3296	Ca_desig_scaffold	3296	[G/A]	NA
Ca_Desig_Chr_scaffold12566_3297	Ca_desig_scaffold	3297	[A/G]	NA
Ca_Desig_Chr_scaffold12566_3301	Ca_desig_scaffold	3301	[T/C]	NA
Ca_Desig_Chr_scaffold12566_3304	Ca_desig_scaffold	3304	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold12566_3306	Ca_desig_scaffold	3306	[T/C]	NA
Ca_DesigChr_scaffold12566_3307	Ca_desig_scaffold	3307	[A/G]	NA
Ca_DesigChr_scaffold12566_3312	Ca_desig_scaffold	3312	[A/G]	NA
Ca_DesigChr_scaffold12566_3334	Ca_desig_scaffold	3334	[T/C]	NA
Ca_DesigChr_scaffold12566_3362	Ca_desig_scaffold	3362	[T/C]	NA
Ca_DesigChr_scaffold12566_3375	Ca_desig_scaffold	3375	[T/C]	NA
Ca_DesigChr_scaffold12595_99	Ca_desig_scaffold	99	[G/T]	NA
Ca_DesigChr_scaffold12595_119	Ca_desig_scaffold	119	[A/G]	NA
Ca_DesigChr_scaffold12619_431	Ca_desig_scaffold	431	[C/A]	NA
Ca_DesigChr_scaffold12643_1835	Ca_desig_scaffold	1835	[A/G]	NA
Ca_DesigChr_scaffold12643_1847	Ca_desig_scaffold	1847	[T/C]	NA
Ca_DesigChr_scaffold12643_1853	Ca_desig_scaffold	1853	[G/C]	NA
Ca_DesigChr_scaffold12643_1875	Ca_desig_scaffold	1875	[T/C]	NA
Ca_DesigChr_scaffold12643_1904	Ca_desig_scaffold	1904	[A/T]	NA
Ca_DesigChr_scaffold12645_1823	Ca_desig_scaffold	1823	[A/G]	NA
Ca_DesigChr_scaffold12645_1852	Ca_desig_scaffold	1852	[C/T]	NA
Ca_DesigChr_scaffold12659_3591	Ca_desig_scaffold	3591	[T/G]	NA
Ca_DesigChr_scaffold12659_3615	Ca_desig_scaffold	3615	[T/G]	NA
Ca_DesigChr_scaffold12665_3478	Ca_desig_scaffold	3478	[T/C]	NA
Ca_DesigChr_scaffold12665_3490	Ca_desig_scaffold	3490	[T/C]	NA
Ca_DesigChr_scaffold12665_3502	Ca_desig_scaffold	3502	[T/C]	NA
Ca_DesigChr_scaffold12665_3508	Ca_desig_scaffold	3508	[T/G]	NA
Ca_DesigChr_scaffold12665_3512	Ca_desig_scaffold	3512	[T/C]	NA
Ca_DesigChr_scaffold12665_3516	Ca_desig_scaffold	3516	[T/C]	NA
Ca_DesigChr_scaffold12665_3530	Ca_desig_scaffold	3530	[A/G]	NA
Ca_DesigChr_scaffold12683_2153	Ca_desig_scaffold	2153	[T/G]	NA
Ca_DesigChr_scaffold12683_2159	Ca_desig_scaffold	2159	[T/G]	NA
Ca_DesigChr_scaffold12683_2165	Ca_desig_scaffold	2165	[T/A]	NA
Ca_DesigChr_scaffold12683_2166	Ca_desig_scaffold	2166	[A/T]	NA
Ca_DesigChr_scaffold12700_2842	Ca_desig_scaffold	2842	[A/G]	NA
Ca_DesigChr_scaffold12700_2848	Ca_desig_scaffold	2848	[T/A]	NA
Ca_DesigChr_scaffold12700_2882	Ca_desig_scaffold	2882	[A/G]	NA
Ca_DesigChr_scaffold12700_3197	Ca_desig_scaffold	3197	[T/C]	NA
Ca_DesigChr_scaffold12700_3238	Ca_desig_scaffold	3238	[A/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12700_3272	Ca_desig_scaffold	3272	[G/A]	NA
Ca_Desig_Chr_scaffold12728_2960	Ca_desig_scaffold	2960	[A/C]	NA
Ca_Desig_Chr_scaffold12728_3035	Ca_desig_scaffold	3035	[G/T]	NA
Ca_Desig_Chr_scaffold12728_3050	Ca_desig_scaffold	3050	[C/T]	NA
Ca_Desig_Chr_scaffold12754_624	Ca_desig_scaffold	624	[A/C]	NA
Ca_Desig_Chr_scaffold12754_719	Ca_desig_scaffold	719	[A/G]	NA
Ca_Desig_Chr_scaffold12754_720	Ca_desig_scaffold	720	[T/C]	NA
Ca_Desig_Chr_scaffold12754_721	Ca_desig_scaffold	721	[T/C]	NA
Ca_Desig_Chr_scaffold12754_722	Ca_desig_scaffold	722	[T/C]	NA
Ca_Desig_Chr_scaffold12754_723	Ca_desig_scaffold	723	[C/T]	NA
Ca_Desig_Chr_scaffold12754_724	Ca_desig_scaffold	724	[A/G]	NA
Ca_Desig_Chr_scaffold12754_725	Ca_desig_scaffold	725	[A/G]	NA
Ca_Desig_Chr_scaffold12754_726	Ca_desig_scaffold	726	[T/C]	NA
Ca_Desig_Chr_scaffold12754_727	Ca_desig_scaffold	727	[A/G]	NA
Ca_Desig_Chr_scaffold12754_728	Ca_desig_scaffold	728	[T/C]	NA
Ca_Desig_Chr_scaffold12754_730	Ca_desig_scaffold	730	[G/A]	NA
Ca_Desig_Chr_scaffold12754_731	Ca_desig_scaffold	731	[T/C]	NA
Ca_Desig_Chr_scaffold12754_732	Ca_desig_scaffold	732	[C/T]	NA
Ca_Desig_Chr_scaffold12754_733	Ca_desig_scaffold	733	[C/T]	NA
Ca_Desig_Chr_scaffold12754_734	Ca_desig_scaffold	734	[C/T]	NA
Ca_Desig_Chr_scaffold12754_735	Ca_desig_scaffold	735	[T/C]	NA
Ca_Desig_Chr_scaffold12754_736	Ca_desig_scaffold	736	[T/C]	NA
Ca_Desig_Chr_scaffold12754_737	Ca_desig_scaffold	737	[C/T]	NA
Ca_Desig_Chr_scaffold12754_738	Ca_desig_scaffold	738	[G/A]	NA
Ca_Desig_Chr_scaffold12754_739	Ca_desig_scaffold	739	[G/A]	NA
Ca_Desig_Chr_scaffold12754_740	Ca_desig_scaffold	740	[T/C]	NA
Ca_Desig_Chr_scaffold12754_741	Ca_desig_scaffold	741	[C/T]	NA
Ca_Desig_Chr_scaffold12754_742	Ca_desig_scaffold	742	[C/A]	NA
Ca_Desig_Chr_scaffold12754_743	Ca_desig_scaffold	743	[T/C]	NA
Ca_Desig_Chr_scaffold12754_744	Ca_desig_scaffold	744	[T/C]	NA
Ca_Desig_Chr_scaffold12754_745	Ca_desig_scaffold	745	[C/T]	NA
Ca_Desig_Chr_scaffold12754_746	Ca_desig_scaffold	746	[T/C]	NA
Ca_Desig_Chr_scaffold12754_747	Ca_desig_scaffold	747	[T/C]	NA
Ca_Desig_Chr_scaffold12754_748	Ca_desig_scaffold	748	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12754_749	Ca_desig_scaffold	749	[A/G]	NA
Ca_Desig_Chr_scaffold12754_750	Ca_desig_scaffold	750	[G/A]	NA
Ca_Desig_Chr_scaffold12754_751	Ca_desig_scaffold	751	[A/G]	NA
Ca_Desig_Chr_scaffold12754_752	Ca_desig_scaffold	752	[G/A]	NA
Ca_Desig_Chr_scaffold12754_753	Ca_desig_scaffold	753	[A/G]	NA
Ca_Desig_Chr_scaffold12754_754	Ca_desig_scaffold	754	[A/G]	NA
Ca_Desig_Chr_scaffold12754_755	Ca_desig_scaffold	755	[A/G]	NA
Ca_Desig_Chr_scaffold12754_756	Ca_desig_scaffold	756	[T/C]	NA
Ca_Desig_Chr_scaffold12754_758	Ca_desig_scaffold	758	[T/C]	NA
Ca_Desig_Chr_scaffold12754_759	Ca_desig_scaffold	759	[T/C]	NA
Ca_Desig_Chr_scaffold12754_760	Ca_desig_scaffold	760	[C/T]	NA
Ca_Desig_Chr_scaffold12754_761	Ca_desig_scaffold	761	[T/C]	NA
Ca_Desig_Chr_scaffold12754_762	Ca_desig_scaffold	762	[T/C]	NA
Ca_Desig_Chr_scaffold12754_763	Ca_desig_scaffold	763	[T/C]	NA
Ca_Desig_Chr_scaffold12754_765	Ca_desig_scaffold	765	[T/C]	NA
Ca_Desig_Chr_scaffold12754_766	Ca_desig_scaffold	766	[T/C]	NA
Ca_Desig_Chr_scaffold12754_767	Ca_desig_scaffold	767	[T/C]	NA
Ca_Desig_Chr_scaffold12754_768	Ca_desig_scaffold	768	[A/G]	NA
Ca_Desig_Chr_scaffold12754_769	Ca_desig_scaffold	769	[T/C]	NA
Ca_Desig_Chr_scaffold12754_770	Ca_desig_scaffold	770	[A/G]	NA
Ca_Desig_Chr_scaffold12754_771	Ca_desig_scaffold	771	[G/A]	NA
Ca_Desig_Chr_scaffold12754_772	Ca_desig_scaffold	772	[C/T]	NA
Ca_Desig_Chr_scaffold12754_773	Ca_desig_scaffold	773	[A/G]	NA
Ca_Desig_Chr_scaffold12754_774	Ca_desig_scaffold	774	[C/T]	NA
Ca_Desig_Chr_scaffold12754_775	Ca_desig_scaffold	775	[T/C]	NA
Ca_Desig_Chr_scaffold12754_776	Ca_desig_scaffold	776	[G/A]	NA
Ca_Desig_Chr_scaffold12754_777	Ca_desig_scaffold	777	[A/G]	NA
Ca_Desig_Chr_scaffold12754_780	Ca_desig_scaffold	780	[T/A]	NA
Ca_Desig_Chr_scaffold12754_1823	Ca_desig_scaffold	1823	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1825	Ca_desig_scaffold	1825	[T/C]	NA
Ca_Desig_Chr_scaffold12754_1826	Ca_desig_scaffold	1826	[A/G]	NA
Ca_Desig_Chr_scaffold12754_1828	Ca_desig_scaffold	1828	[A/G]	NA
Ca_Desig_Chr_scaffold12754_1829	Ca_desig_scaffold	1829	[A/G]	NA
Ca_Desig_Chr_scaffold12754_1831	Ca_desig_scaffold	1831	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold12754_1833	Ca_desi_scaffold	1833	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1835	Ca_desi_scaffold	1835	[C/T]	NA
Ca_Desi_Chromosome_scaffold12754_1836	Ca_desi_scaffold	1836	[C/T]	NA
Ca_Desi_Chromosome_scaffold12754_1837	Ca_desi_scaffold	1837	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1838	Ca_desi_scaffold	1838	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1839	Ca_desi_scaffold	1839	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1840	Ca_desi_scaffold	1840	[G/A]	NA
Ca_Desi_Chromosome_scaffold12754_1841	Ca_desi_scaffold	1841	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1842	Ca_desi_scaffold	1842	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1843	Ca_desi_scaffold	1843	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1845	Ca_desi_scaffold	1845	[C/T]	NA
Ca_Desi_Chromosome_scaffold12754_1848	Ca_desi_scaffold	1848	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1849	Ca_desi_scaffold	1849	[G/A]	NA
Ca_Desi_Chromosome_scaffold12754_1850	Ca_desi_scaffold	1850	[G/A]	NA
Ca_Desi_Chromosome_scaffold12754_1851	Ca_desi_scaffold	1851	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1852	Ca_desi_scaffold	1852	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1853	Ca_desi_scaffold	1853	[G/A]	NA
Ca_Desi_Chromosome_scaffold12754_1854	Ca_desi_scaffold	1854	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1855	Ca_desi_scaffold	1855	[C/A]	NA
Ca_Desi_Chromosome_scaffold12754_1856	Ca_desi_scaffold	1856	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1857	Ca_desi_scaffold	1857	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1859	Ca_desi_scaffold	1859	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1860	Ca_desi_scaffold	1860	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1861	Ca_desi_scaffold	1861	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1862	Ca_desi_scaffold	1862	[G/A]	NA
Ca_Desi_Chromosome_scaffold12754_1863	Ca_desi_scaffold	1863	[C/T]	NA
Ca_Desi_Chromosome_scaffold12754_1864	Ca_desi_scaffold	1864	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1865	Ca_desi_scaffold	1865	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1866	Ca_desi_scaffold	1866	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1867	Ca_desi_scaffold	1867	[A/T]	NA
Ca_Desi_Chromosome_scaffold12754_1868	Ca_desi_scaffold	1868	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1870	Ca_desi_scaffold	1870	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1871	Ca_desi_scaffold	1871	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1872	Ca_desi_scaffold	1872	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12754_1873	Ca_desig_scaffold	1873	[T/C]	NA
Ca_Desig_Chr_scaffold12754_1875	Ca_desig_scaffold	1875	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1876	Ca_desig_scaffold	1876	[A/G]	NA
Ca_Desig_Chr_scaffold12754_1877	Ca_desig_scaffold	1877	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1878	Ca_desig_scaffold	1878	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1879	Ca_desig_scaffold	1879	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1880	Ca_desig_scaffold	1880	[C/G]	NA
Ca_Desig_Chr_scaffold12754_1906	Ca_desig_scaffold	1906	[G/T]	NA
Ca_Desig_Chr_scaffold12754_1907	Ca_desig_scaffold	1907	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1908	Ca_desig_scaffold	1908	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1910	Ca_desig_scaffold	1910	[A/G]	NA
Ca_Desig_Chr_scaffold12754_1911	Ca_desig_scaffold	1911	[A/G]	NA
Ca_Desig_Chr_scaffold12754_1914	Ca_desig_scaffold	1914	[A/G]	NA
Ca_Desig_Chr_scaffold12754_1915	Ca_desig_scaffold	1915	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1916	Ca_desig_scaffold	1916	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1917	Ca_desig_scaffold	1917	[A/G]	NA
Ca_Desig_Chr_scaffold12754_1918	Ca_desig_scaffold	1918	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1919	Ca_desig_scaffold	1919	[A/G]	NA
Ca_Desig_Chr_scaffold12754_1920	Ca_desig_scaffold	1920	[A/G]	NA
Ca_Desig_Chr_scaffold12754_1921	Ca_desig_scaffold	1921	[T/C]	NA
Ca_Desig_Chr_scaffold12754_1922	Ca_desig_scaffold	1922	[T/C]	NA
Ca_Desig_Chr_scaffold12754_1925	Ca_desig_scaffold	1925	[T/C]	NA
Ca_Desig_Chr_scaffold12754_1926	Ca_desig_scaffold	1926	[C/T]	NA
Ca_Desig_Chr_scaffold12754_1928	Ca_desig_scaffold	1928	[C/T]	NA
Ca_Desig_Chr_scaffold12754_1929	Ca_desig_scaffold	1929	[C/T]	NA
Ca_Desig_Chr_scaffold12754_1930	Ca_desig_scaffold	1930	[C/T]	NA
Ca_Desig_Chr_scaffold12754_1931	Ca_desig_scaffold	1931	[C/T]	NA
Ca_Desig_Chr_scaffold12754_1932	Ca_desig_scaffold	1932	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1933	Ca_desig_scaffold	1933	[G/A]	NA
Ca_Desig_Chr_scaffold12754_1934	Ca_desig_scaffold	1934	[C/G]	NA
Ca_Desig_Chr_scaffold12754_1935	Ca_desig_scaffold	1935	[T/C]	NA
Ca_Desig_Chr_scaffold12754_1936	Ca_desig_scaffold	1936	[C/T]	NA
Ca_Desig_Chr_scaffold12754_1937	Ca_desig_scaffold	1937	[T/C]	NA
Ca_Desig_Chr_scaffold12754_1938	Ca_desig_scaffold	1938	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold12754_1939	Ca_desi_scaffold	1939	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1941	Ca_desi_scaffold	1941	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1943	Ca_desi_scaffold	1943	[G/A]	NA
Ca_Desi_Chromosome_scaffold12754_1944	Ca_desi_scaffold	1944	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1945	Ca_desi_scaffold	1945	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1946	Ca_desi_scaffold	1946	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1947	Ca_desi_scaffold	1947	[C/T]	NA
Ca_Desi_Chromosome_scaffold12754_1948	Ca_desi_scaffold	1948	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1950	Ca_desi_scaffold	1950	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1951	Ca_desi_scaffold	1951	[C/T]	NA
Ca_Desi_Chromosome_scaffold12754_1954	Ca_desi_scaffold	1954	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1956	Ca_desi_scaffold	1956	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1957	Ca_desi_scaffold	1957	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1958	Ca_desi_scaffold	1958	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1959	Ca_desi_scaffold	1959	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1960	Ca_desi_scaffold	1960	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1961	Ca_desi_scaffold	1961	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1962	Ca_desi_scaffold	1962	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1964	Ca_desi_scaffold	1964	[C/A]	NA
Ca_Desi_Chromosome_scaffold12754_1965	Ca_desi_scaffold	1965	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1971	Ca_desi_scaffold	1971	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1972	Ca_desi_scaffold	1972	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1973	Ca_desi_scaffold	1973	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1976	Ca_desi_scaffold	1976	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1978	Ca_desi_scaffold	1978	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1982	Ca_desi_scaffold	1982	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_1995	Ca_desi_scaffold	1995	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_1997	Ca_desi_scaffold	1997	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_2001	Ca_desi_scaffold	2001	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_2004	Ca_desi_scaffold	2004	[G/A]	NA
Ca_Desi_Chromosome_scaffold12754_2008	Ca_desi_scaffold	2008	[T/C]	NA
Ca_Desi_Chromosome_scaffold12754_2009	Ca_desi_scaffold	2009	[C/T]	NA
Ca_Desi_Chromosome_scaffold12754_2012	Ca_desi_scaffold	2012	[A/G]	NA
Ca_Desi_Chromosome_scaffold12754_2015	Ca_desi_scaffold	2015	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold12754_2018	Ca_desig_scaffold	2018	[A/G]	NA
Ca_Desig_Chr_scaffold12754_2026	Ca_desig_scaffold	2026	[A/C]	NA
Ca_Desig_Chr_scaffold12754_2027	Ca_desig_scaffold	2027	[T/C]	NA
Ca_Desig_Chr_scaffold12754_2029	Ca_desig_scaffold	2029	[T/C]	NA
Ca_Desig_Chr_scaffold12754_2124	Ca_desig_scaffold	2124	[A/C]	NA
Ca_Desig_Chr_scaffold12754_2272	Ca_desig_scaffold	2272	[G/T]	NA
Ca_Desig_Chr_scaffold12754_2274	Ca_desig_scaffold	2274	[G/T]	NA
Ca_Desig_Chr_scaffold12754_2285	Ca_desig_scaffold	2285	[A/G]	NA
Ca_Desig_Chr_scaffold12754_2296	Ca_desig_scaffold	2296	[T/C]	NA
Ca_Desig_Chr_scaffold12754_2310	Ca_desig_scaffold	2310	[T/C]	NA
Ca_Desig_Chr_scaffold12754_2393	Ca_desig_scaffold	2393	[C/A]	NA
Ca_Desig_Chr_scaffold12754_2394	Ca_desig_scaffold	2394	[T/G]	NA
Ca_Desig_Chr_scaffold12754_2395	Ca_desig_scaffold	2395	[G/A]	NA
Ca_Desig_Chr_scaffold12754_3417	Ca_desig_scaffold	3417	[A/T]	NA
Ca_Desig_Chr_scaffold12775_3322	Ca_desig_scaffold	3322	[T/C]	NA
Ca_Desig_Chr_scaffold12854_1124	Ca_desig_scaffold	1124	[T/G]	NA
Ca_Desig_Chr_scaffold12885_2665	Ca_desig_scaffold	2665	[T/G]	NA
Ca_Desig_Chr_scaffold12885_2675	Ca_desig_scaffold	2675	[T/C]	NA
Ca_Desig_Chr_scaffold12885_2695	Ca_desig_scaffold	2695	[T/G]	NA
Ca_Desig_Chr_scaffold12952_1730	Ca_desig_scaffold	1730	[A/G]	NA
Ca_Desig_Chr_scaffold12955_1579	Ca_desig_scaffold	1579	[T/G]	NA
Ca_Desig_Chr_scaffold12955_2433	Ca_desig_scaffold	2433	[A/G]	NA
Ca_Desig_Chr_scaffold12955_2447	Ca_desig_scaffold	2447	[A/C]	NA
Ca_Desig_Chr_scaffold12955_2450	Ca_desig_scaffold	2450	[A/C]	NA
Ca_Desig_Chr_scaffold12955_2456	Ca_desig_scaffold	2456	[T/C]	NA
Ca_Desig_Chr_scaffold12955_2471	Ca_desig_scaffold	2471	[A/C]	NA
Ca_Desig_Chr_scaffold12955_2577	Ca_desig_scaffold	2577	[T/A]	NA
Ca_Desig_Chr_scaffold12982_673	Ca_desig_scaffold	673	[A/T]	NA
Ca_Desig_Chr_scaffold13035_3342	Ca_desig_scaffold	3342	[T/C]	NA
Ca_Desig_Chr_scaffold13063_3267	Ca_desig_scaffold	3267	[G/A]	NA
Ca_Desig_Chr_scaffold13063_3305	Ca_desig_scaffold	3305	[C/T]	NA
Ca_Desig_Chr_scaffold13063_3310	Ca_desig_scaffold	3310	[G/A]	NA
Ca_Desig_Chr_scaffold13063_3323	Ca_desig_scaffold	3323	[G/T]	NA
Ca_Desig_Chr_scaffold13078_3314	Ca_desig_scaffold	3314	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold13311_2541	Ca_desi_scaffold	2541	[A/G]	NA
Ca_Desi_Ch_scaffold13329_1070	Ca_desi_scaffold	1070	[C/A]	NA
Ca_Desi_Ch_scaffold13329_1072	Ca_desi_scaffold	1072	[T/A]	NA
Ca_Desi_Ch_scaffold13329_1100	Ca_desi_scaffold	1100	[G/A]	NA
Ca_Desi_Ch_scaffold13329_1105	Ca_desi_scaffold	1105	[T/A]	NA
Ca_Desi_Ch_scaffold13356_1399	Ca_desi_scaffold	1399	[A/T]	NA
Ca_Desi_Ch_scaffold13361_1972	Ca_desi_scaffold	1972	[A/G]	NA
Ca_Desi_Ch_scaffold13367_757	Ca_desi_scaffold	757	[T/G]	NA
Ca_Desi_Ch_scaffold13430_169	Ca_desi_scaffold	169	[T/G]	NA
Ca_Desi_Ch_scaffold13430_253	Ca_desi_scaffold	253	[T/C]	NA
Ca_Desi_Ch_scaffold13430_271	Ca_desi_scaffold	271	[T/C]	NA
Ca_Desi_Ch_scaffold13430_514	Ca_desi_scaffold	514	[G/A]	NA
Ca_Desi_Ch_scaffold13430_517	Ca_desi_scaffold	517	[C/T]	NA
Ca_Desi_Ch_scaffold13485_2644	Ca_desi_scaffold	2644	[C/T]	NA
Ca_Desi_Ch_scaffold13522_335	Ca_desi_scaffold	335	[T/G]	NA
Ca_Desi_Ch_scaffold13522_353	Ca_desi_scaffold	353	[T/C]	NA
Ca_Desi_Ch_scaffold13604_1502	Ca_desi_scaffold	1502	[A/G]	NA
Ca_Desi_Ch_scaffold13604_1518	Ca_desi_scaffold	1518	[G/A]	NA
Ca_Desi_Ch_scaffold13620_2461	Ca_desi_scaffold	2461	[A/C]	NA
Ca_Desi_Ch_scaffold13720_436	Ca_desi_scaffold	436	[A/G]	NA
Ca_Desi_Ch_scaffold13720_1387	Ca_desi_scaffold	1387	[T/G]	NA
Ca_Desi_Ch_scaffold13747_624	Ca_desi_scaffold	624	[C/T]	NA
Ca_Desi_Ch_scaffold13747_625	Ca_desi_scaffold	625	[G/A]	NA
Ca_Desi_Ch_scaffold13747_628	Ca_desi_scaffold	628	[T/C]	NA
Ca_Desi_Ch_scaffold13747_630	Ca_desi_scaffold	630	[G/T]	NA
Ca_Desi_Ch_scaffold13747_631	Ca_desi_scaffold	631	[C/T]	NA
Ca_Desi_Ch_scaffold13747_632	Ca_desi_scaffold	632	[T/C]	NA
Ca_Desi_Ch_scaffold13747_633	Ca_desi_scaffold	633	[T/C]	NA
Ca_Desi_Ch_scaffold13747_636	Ca_desi_scaffold	636	[T/C]	NA
Ca_Desi_Ch_scaffold13747_639	Ca_desi_scaffold	639	[A/G]	NA
Ca_Desi_Ch_scaffold13747_640	Ca_desi_scaffold	640	[T/C]	NA
Ca_Desi_Ch_scaffold13747_641	Ca_desi_scaffold	641	[T/C]	NA
Ca_Desi_Ch_scaffold13747_642	Ca_desi_scaffold	642	[G/T]	NA
Ca_Desi_Ch_scaffold13747_644	Ca_desi_scaffold	644	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold13747_646	Ca_desi_scaffold	646	[A/G]	NA
Ca_Desi_Ch_scaffold13747_647	Ca_desi_scaffold	647	[A/G]	NA
Ca_Desi_Ch_scaffold13747_650	Ca_desi_scaffold	650	[A/G]	NA
Ca_Desi_Ch_scaffold13747_651	Ca_desi_scaffold	651	[A/G]	NA
Ca_Desi_Ch_scaffold13747_653	Ca_desi_scaffold	653	[A/G]	NA
Ca_Desi_Ch_scaffold13747_654	Ca_desi_scaffold	654	[A/G]	NA
Ca_Desi_Ch_scaffold13747_656	Ca_desi_scaffold	656	[A/G]	NA
Ca_Desi_Ch_scaffold13747_657	Ca_desi_scaffold	657	[T/C]	NA
Ca_Desi_Ch_scaffold13747_658	Ca_desi_scaffold	658	[G/A]	NA
Ca_Desi_Ch_scaffold13747_659	Ca_desi_scaffold	659	[A/G]	NA
Ca_Desi_Ch_scaffold13747_660	Ca_desi_scaffold	660	[A/G]	NA
Ca_Desi_Ch_scaffold13747_661	Ca_desi_scaffold	661	[A/G]	NA
Ca_Desi_Ch_scaffold13747_662	Ca_desi_scaffold	662	[T/A]	NA
Ca_Desi_Ch_scaffold13747_671	Ca_desi_scaffold	671	[T/C]	NA
Ca_Desi_Ch_scaffold13747_673	Ca_desi_scaffold	673	[T/C]	NA
Ca_Desi_Ch_scaffold13747_676	Ca_desi_scaffold	676	[A/G]	NA
Ca_Desi_Ch_scaffold13747_677	Ca_desi_scaffold	677	[A/G]	NA
Ca_Desi_Ch_scaffold13747_678	Ca_desi_scaffold	678	[C/T]	NA
Ca_Desi_Ch_scaffold13747_680	Ca_desi_scaffold	680	[T/C]	NA
Ca_Desi_Ch_scaffold13747_682	Ca_desi_scaffold	682	[T/C]	NA
Ca_Desi_Ch_scaffold13747_683	Ca_desi_scaffold	683	[T/C]	NA
Ca_Desi_Ch_scaffold13747_685	Ca_desi_scaffold	685	[T/C]	NA
Ca_Desi_Ch_scaffold13747_688	Ca_desi_scaffold	688	[C/G]	NA
Ca_Desi_Ch_scaffold13747_690	Ca_desi_scaffold	690	[A/G]	NA
Ca_Desi_Ch_scaffold13747_694	Ca_desi_scaffold	694	[T/C]	NA
Ca_Desi_Ch_scaffold13747_695	Ca_desi_scaffold	695	[T/C]	NA
Ca_Desi_Ch_scaffold13747_701	Ca_desi_scaffold	701	[T/C]	NA
Ca_Desi_Ch_scaffold13747_705	Ca_desi_scaffold	705	[A/G]	NA
Ca_Desi_Ch_scaffold13747_710	Ca_desi_scaffold	710	[T/C]	NA
Ca_Desi_Ch_scaffold13747_712	Ca_desi_scaffold	712	[T/C]	NA
Ca_Desi_Ch_scaffold13747_714	Ca_desi_scaffold	714	[T/C]	NA
Ca_Desi_Ch_scaffold13747_715	Ca_desi_scaffold	715	[T/C]	NA
Ca_Desi_Ch_scaffold13747_716	Ca_desi_scaffold	716	[T/C]	NA
Ca_Desi_Ch_scaffold13747_720	Ca_desi_scaffold	720	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold13747_722	Ca_desi_scaffold	722	[T/C]	NA
Ca_Desi_Ch_scaffold13747_724	Ca_desi_scaffold	724	[A/G]	NA
Ca_Desi_Ch_scaffold13747_725	Ca_desi_scaffold	725	[A/G]	NA
Ca_Desi_Ch_scaffold13747_2319	Ca_desi_scaffold	2319	[G/T]	NA
Ca_Desi_Ch_scaffold13747_2320	Ca_desi_scaffold	2320	[G/A]	NA
Ca_Desi_Ch_scaffold13747_2323	Ca_desi_scaffold	2323	[G/C]	NA
Ca_Desi_Ch_scaffold13750_231	Ca_desi_scaffold	231	[A/C]	NA
Ca_Desi_Ch_scaffold13750_244	Ca_desi_scaffold	244	[T/C]	NA
Ca_Desi_Ch_scaffold13750_247	Ca_desi_scaffold	247	[A/C]	NA
Ca_Desi_Ch_scaffold13750_258	Ca_desi_scaffold	258	[T/C]	NA
Ca_Desi_Ch_scaffold13774_1832	Ca_desi_scaffold	1832	[A/T]	NA
Ca_Desi_Ch_scaffold13774_1870	Ca_desi_scaffold	1870	[A/C]	NA
Ca_Desi_Ch_scaffold13791_591	Ca_desi_scaffold	591	[T/G]	NA
Ca_Desi_Ch_scaffold13815_1348	Ca_desi_scaffold	1348	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1349	Ca_desi_scaffold	1349	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1355	Ca_desi_scaffold	1355	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1357	Ca_desi_scaffold	1357	[C/T]	NA
Ca_Desi_Ch_scaffold13815_1358	Ca_desi_scaffold	1358	[G/A]	NA
Ca_Desi_Ch_scaffold13815_1360	Ca_desi_scaffold	1360	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1361	Ca_desi_scaffold	1361	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1363	Ca_desi_scaffold	1363	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1365	Ca_desi_scaffold	1365	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1367	Ca_desi_scaffold	1367	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1373	Ca_desi_scaffold	1373	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1375	Ca_desi_scaffold	1375	[T/G]	NA
Ca_Desi_Ch_scaffold13815_1377	Ca_desi_scaffold	1377	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1379	Ca_desi_scaffold	1379	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1380	Ca_desi_scaffold	1380	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1382	Ca_desi_scaffold	1382	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1384	Ca_desi_scaffold	1384	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1385	Ca_desi_scaffold	1385	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1386	Ca_desi_scaffold	1386	[G/A]	NA
Ca_Desi_Ch_scaffold13815_1388	Ca_desi_scaffold	1388	[C/T]	NA
Ca_Desi_Ch_scaffold13815_1390	Ca_desi_scaffold	1390	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold13815_1392	Ca_desi_scaffold	1392	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1393	Ca_desi_scaffold	1393	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1396	Ca_desi_scaffold	1396	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1398	Ca_desi_scaffold	1398	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1400	Ca_desi_scaffold	1400	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1403	Ca_desi_scaffold	1403	[C/T]	NA
Ca_Desi_Ch_scaffold13815_1484	Ca_desi_scaffold	1484	[C/G]	NA
Ca_Desi_Ch_scaffold13815_1485	Ca_desi_scaffold	1485	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1488	Ca_desi_scaffold	1488	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1489	Ca_desi_scaffold	1489	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1492	Ca_desi_scaffold	1492	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1494	Ca_desi_scaffold	1494	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1496	Ca_desi_scaffold	1496	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1500	Ca_desi_scaffold	1500	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1504	Ca_desi_scaffold	1504	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1505	Ca_desi_scaffold	1505	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1507	Ca_desi_scaffold	1507	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1510	Ca_desi_scaffold	1510	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1514	Ca_desi_scaffold	1514	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1518	Ca_desi_scaffold	1518	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1520	Ca_desi_scaffold	1520	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1522	Ca_desi_scaffold	1522	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1524	Ca_desi_scaffold	1524	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1526	Ca_desi_scaffold	1526	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1529	Ca_desi_scaffold	1529	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1530	Ca_desi_scaffold	1530	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1533	Ca_desi_scaffold	1533	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1534	Ca_desi_scaffold	1534	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1535	Ca_desi_scaffold	1535	[T/C]	NA
Ca_Desi_Ch_scaffold13815_1537	Ca_desi_scaffold	1537	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1542	Ca_desi_scaffold	1542	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1543	Ca_desi_scaffold	1543	[A/G]	NA
Ca_Desi_Ch_scaffold13815_1556	Ca_desi_scaffold	1556	[G/T]	NA
Ca_Desi_Ch_scaffold13815_1576	Ca_desi_scaffold	1576	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold13842_3000	Ca_desi_scaffold	3000	[T/G]	NA
Ca_Desi_Ch_scaffold13842_3016	Ca_desi_scaffold	3016	[T/G]	NA
Ca_Desi_Ch_scaffold13842_3024	Ca_desi_scaffold	3024	[A/G]	NA
Ca_Desi_Ch_scaffold13842_3096	Ca_desi_scaffold	3096	[T/G]	NA
Ca_Desi_Ch_scaffold13856_144	Ca_desi_scaffold	144	[A/G]	NA
Ca_Desi_Ch_scaffold13856_238	Ca_desi_scaffold	238	[T/G]	NA
Ca_Desi_Ch_scaffold13856_273	Ca_desi_scaffold	273	[A/C]	NA
Ca_Desi_Ch_scaffold13856_374	Ca_desi_scaffold	374	[C/T]	NA
Ca_Desi_Ch_scaffold13989_1517	Ca_desi_scaffold	1517	[T/G]	NA
Ca_Desi_Ch_scaffold13989_1525	Ca_desi_scaffold	1525	[T/C]	NA
Ca_Desi_Ch_scaffold13989_1551	Ca_desi_scaffold	1551	[A/C]	NA
Ca_Desi_Ch_scaffold13989_1577	Ca_desi_scaffold	1577	[A/G]	NA
Ca_Desi_Ch_scaffold14032_2505	Ca_desi_scaffold	2505	[A/C]	NA
Ca_Desi_Ch_scaffold14224_943	Ca_desi_scaffold	943	[A/G]	NA
Ca_Desi_Ch_scaffold14224_947	Ca_desi_scaffold	947	[A/G]	NA
Ca_Desi_Ch_scaffold14224_968	Ca_desi_scaffold	968	[T/C]	NA
Ca_Desi_Ch_scaffold14224_984	Ca_desi_scaffold	984	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1756	Ca_desi_scaffold	1756	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1757	Ca_desi_scaffold	1757	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1758	Ca_desi_scaffold	1758	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1760	Ca_desi_scaffold	1760	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1762	Ca_desi_scaffold	1762	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1763	Ca_desi_scaffold	1763	[G/A]	NA
Ca_Desi_Ch_scaffold14224_1764	Ca_desi_scaffold	1764	[G/A]	NA
Ca_Desi_Ch_scaffold14224_1765	Ca_desi_scaffold	1765	[G/A]	NA
Ca_Desi_Ch_scaffold14224_1766	Ca_desi_scaffold	1766	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1767	Ca_desi_scaffold	1767	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1768	Ca_desi_scaffold	1768	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1769	Ca_desi_scaffold	1769	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1770	Ca_desi_scaffold	1770	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1771	Ca_desi_scaffold	1771	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1772	Ca_desi_scaffold	1772	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1773	Ca_desi_scaffold	1773	[G/A]	NA
Ca_Desi_Ch_scaffold14224_1774	Ca_desi_scaffold	1774	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold14224_1775	Ca_desi_scaffold	1775	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1776	Ca_desi_scaffold	1776	[G/A]	NA
Ca_Desi_Ch_scaffold14224_1778	Ca_desi_scaffold	1778	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1779	Ca_desi_scaffold	1779	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1780	Ca_desi_scaffold	1780	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1781	Ca_desi_scaffold	1781	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1782	Ca_desi_scaffold	1782	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1783	Ca_desi_scaffold	1783	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1784	Ca_desi_scaffold	1784	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1785	Ca_desi_scaffold	1785	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1786	Ca_desi_scaffold	1786	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1787	Ca_desi_scaffold	1787	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1788	Ca_desi_scaffold	1788	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1789	Ca_desi_scaffold	1789	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1790	Ca_desi_scaffold	1790	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1792	Ca_desi_scaffold	1792	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1793	Ca_desi_scaffold	1793	[G/A]	NA
Ca_Desi_Ch_scaffold14224_1794	Ca_desi_scaffold	1794	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1795	Ca_desi_scaffold	1795	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1796	Ca_desi_scaffold	1796	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1797	Ca_desi_scaffold	1797	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1798	Ca_desi_scaffold	1798	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1800	Ca_desi_scaffold	1800	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1801	Ca_desi_scaffold	1801	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1802	Ca_desi_scaffold	1802	[G/T]	NA
Ca_Desi_Ch_scaffold14224_1803	Ca_desi_scaffold	1803	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1804	Ca_desi_scaffold	1804	[G/T]	NA
Ca_Desi_Ch_scaffold14224_1805	Ca_desi_scaffold	1805	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1806	Ca_desi_scaffold	1806	[G/A]	NA
Ca_Desi_Ch_scaffold14224_1807	Ca_desi_scaffold	1807	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1809	Ca_desi_scaffold	1809	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1810	Ca_desi_scaffold	1810	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1811	Ca_desi_scaffold	1811	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1812	Ca_desi_scaffold	1812	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold14224_1813	Ca_desi_scaffold	1813	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_1815	Ca_desi_scaffold	1815	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1866	Ca_desi_scaffold	1866	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1867	Ca_desi_scaffold	1867	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1869	Ca_desi_scaffold	1869	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1870	Ca_desi_scaffold	1870	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1871	Ca_desi_scaffold	1871	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1872	Ca_desi_scaffold	1872	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1873	Ca_desi_scaffold	1873	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_1874	Ca_desi_scaffold	1874	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_1875	Ca_desi_scaffold	1875	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1876	Ca_desi_scaffold	1876	[G/A]	NA
Ca_Desi_Chromosome_scaffold14224_1877	Ca_desi_scaffold	1877	[C/T]	NA
Ca_Desi_Chromosome_scaffold14224_1879	Ca_desi_scaffold	1879	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1880	Ca_desi_scaffold	1880	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_1881	Ca_desi_scaffold	1881	[C/A]	NA
Ca_Desi_Chromosome_scaffold14224_1882	Ca_desi_scaffold	1882	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_1884	Ca_desi_scaffold	1884	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_1885	Ca_desi_scaffold	1885	[G/A]	NA
Ca_Desi_Chromosome_scaffold14224_1886	Ca_desi_scaffold	1886	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_1888	Ca_desi_scaffold	1888	[G/A]	NA
Ca_Desi_Chromosome_scaffold14224_1889	Ca_desi_scaffold	1889	[C/T]	NA
Ca_Desi_Chromosome_scaffold14224_1891	Ca_desi_scaffold	1891	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1892	Ca_desi_scaffold	1892	[G/A]	NA
Ca_Desi_Chromosome_scaffold14224_1893	Ca_desi_scaffold	1893	[C/T]	NA
Ca_Desi_Chromosome_scaffold14224_1894	Ca_desi_scaffold	1894	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1895	Ca_desi_scaffold	1895	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_1897	Ca_desi_scaffold	1897	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_1898	Ca_desi_scaffold	1898	[G/A]	NA
Ca_Desi_Chromosome_scaffold14224_1899	Ca_desi_scaffold	1899	[C/T]	NA
Ca_Desi_Chromosome_scaffold14224_1900	Ca_desi_scaffold	1900	[C/T]	NA
Ca_Desi_Chromosome_scaffold14224_1901	Ca_desi_scaffold	1901	[C/T]	NA
Ca_Desi_Chromosome_scaffold14224_1902	Ca_desi_scaffold	1902	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_1903	Ca_desi_scaffold	1903	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold14224_1904	Ca_desi_scaffold	1904	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1905	Ca_desi_scaffold	1905	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1906	Ca_desi_scaffold	1906	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1907	Ca_desi_scaffold	1907	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1908	Ca_desi_scaffold	1908	[G/A]	NA
Ca_Desi_Ch_scaffold14224_1909	Ca_desi_scaffold	1909	[G/A]	NA
Ca_Desi_Ch_scaffold14224_1911	Ca_desi_scaffold	1911	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1912	Ca_desi_scaffold	1912	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1913	Ca_desi_scaffold	1913	[G/A]	NA
Ca_Desi_Ch_scaffold14224_1914	Ca_desi_scaffold	1914	[G/A]	NA
Ca_Desi_Ch_scaffold14224_1915	Ca_desi_scaffold	1915	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1916	Ca_desi_scaffold	1916	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1917	Ca_desi_scaffold	1917	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1918	Ca_desi_scaffold	1918	[C/T]	NA
Ca_Desi_Ch_scaffold14224_1920	Ca_desi_scaffold	1920	[T/C]	NA
Ca_Desi_Ch_scaffold14224_1921	Ca_desi_scaffold	1921	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1922	Ca_desi_scaffold	1922	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1923	Ca_desi_scaffold	1923	[A/G]	NA
Ca_Desi_Ch_scaffold14224_1927	Ca_desi_scaffold	1927	[T/A]	NA
Ca_Desi_Ch_scaffold14224_2504	Ca_desi_scaffold	2504	[T/C]	NA
Ca_Desi_Ch_scaffold14224_2506	Ca_desi_scaffold	2506	[T/C]	NA
Ca_Desi_Ch_scaffold14224_2509	Ca_desi_scaffold	2509	[A/G]	NA
Ca_Desi_Ch_scaffold14224_2511	Ca_desi_scaffold	2511	[C/T]	NA
Ca_Desi_Ch_scaffold14224_2514	Ca_desi_scaffold	2514	[C/T]	NA
Ca_Desi_Ch_scaffold14224_2515	Ca_desi_scaffold	2515	[T/C]	NA
Ca_Desi_Ch_scaffold14224_2516	Ca_desi_scaffold	2516	[T/C]	NA
Ca_Desi_Ch_scaffold14224_2517	Ca_desi_scaffold	2517	[T/C]	NA
Ca_Desi_Ch_scaffold14224_2519	Ca_desi_scaffold	2519	[A/G]	NA
Ca_Desi_Ch_scaffold14224_2521	Ca_desi_scaffold	2521	[T/C]	NA
Ca_Desi_Ch_scaffold14224_2523	Ca_desi_scaffold	2523	[T/C]	NA
Ca_Desi_Ch_scaffold14224_2525	Ca_desi_scaffold	2525	[A/G]	NA
Ca_Desi_Ch_scaffold14224_2527	Ca_desi_scaffold	2527	[A/G]	NA
Ca_Desi_Ch_scaffold14224_2531	Ca_desi_scaffold	2531	[T/C]	NA
Ca_Desi_Ch_scaffold14224_2534	Ca_desi_scaffold	2534	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold14224_2538	Ca_desi_scaffold	2538	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_2542	Ca_desi_scaffold	2542	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2543	Ca_desi_scaffold	2543	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_2545	Ca_desi_scaffold	2545	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_2547	Ca_desi_scaffold	2547	[G/A]	NA
Ca_Desi_Chromosome_scaffold14224_2548	Ca_desi_scaffold	2548	[C/T]	NA
Ca_Desi_Chromosome_scaffold14224_2550	Ca_desi_scaffold	2550	[T/G]	NA
Ca_Desi_Chromosome_scaffold14224_2551	Ca_desi_scaffold	2551	[G/T]	NA
Ca_Desi_Chromosome_scaffold14224_2552	Ca_desi_scaffold	2552	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_2553	Ca_desi_scaffold	2553	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_2554	Ca_desi_scaffold	2554	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_2555	Ca_desi_scaffold	2555	[C/T]	NA
Ca_Desi_Chromosome_scaffold14224_2556	Ca_desi_scaffold	2556	[G/T]	NA
Ca_Desi_Chromosome_scaffold14224_2558	Ca_desi_scaffold	2558	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_2559	Ca_desi_scaffold	2559	[C/T]	NA
Ca_Desi_Chromosome_scaffold14224_2560	Ca_desi_scaffold	2560	[G/C]	NA
Ca_Desi_Chromosome_scaffold14224_2562	Ca_desi_scaffold	2562	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_2563	Ca_desi_scaffold	2563	[A/T]	NA
Ca_Desi_Chromosome_scaffold14224_2672	Ca_desi_scaffold	2672	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2673	Ca_desi_scaffold	2673	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2674	Ca_desi_scaffold	2674	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2676	Ca_desi_scaffold	2676	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2677	Ca_desi_scaffold	2677	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2680	Ca_desi_scaffold	2680	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2681	Ca_desi_scaffold	2681	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2682	Ca_desi_scaffold	2682	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2683	Ca_desi_scaffold	2683	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2690	Ca_desi_scaffold	2690	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2693	Ca_desi_scaffold	2693	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_2694	Ca_desi_scaffold	2694	[T/C]	NA
Ca_Desi_Chromosome_scaffold14224_2695	Ca_desi_scaffold	2695	[G/A]	NA
Ca_Desi_Chromosome_scaffold14224_2697	Ca_desi_scaffold	2697	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2699	Ca_desi_scaffold	2699	[A/G]	NA
Ca_Desi_Chromosome_scaffold14224_2701	Ca_desi_scaffold	2701	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold14224_2703	Ca_desig_scaffold	2703	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2704	Ca_desig_scaffold	2704	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2705	Ca_desig_scaffold	2705	[A/C]	NA
Ca_Desig_Chr_scaffold14224_2708	Ca_desig_scaffold	2708	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2711	Ca_desig_scaffold	2711	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2713	Ca_desig_scaffold	2713	[A/G]	NA
Ca_Desig_Chr_scaffold14224_2717	Ca_desig_scaffold	2717	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2718	Ca_desig_scaffold	2718	[A/G]	NA
Ca_Desig_Chr_scaffold14224_2719	Ca_desig_scaffold	2719	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2721	Ca_desig_scaffold	2721	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2724	Ca_desig_scaffold	2724	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2725	Ca_desig_scaffold	2725	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2726	Ca_desig_scaffold	2726	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2729	Ca_desig_scaffold	2729	[A/G]	NA
Ca_Desig_Chr_scaffold14224_2730	Ca_desig_scaffold	2730	[A/G]	NA
Ca_Desig_Chr_scaffold14224_2731	Ca_desig_scaffold	2731	[A/G]	NA
Ca_Desig_Chr_scaffold14224_2737	Ca_desig_scaffold	2737	[G/A]	NA
Ca_Desig_Chr_scaffold14224_2746	Ca_desig_scaffold	2746	[C/G]	NA
Ca_Desig_Chr_scaffold14224_2747	Ca_desig_scaffold	2747	[C/G]	NA
Ca_Desig_Chr_scaffold14224_2750	Ca_desig_scaffold	2750	[A/G]	NA
Ca_Desig_Chr_scaffold14224_2755	Ca_desig_scaffold	2755	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2770	Ca_desig_scaffold	2770	[A/T]	NA
Ca_Desig_Chr_scaffold14224_2771	Ca_desig_scaffold	2771	[A/T]	NA
Ca_Desig_Chr_scaffold14224_2772	Ca_desig_scaffold	2772	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2773	Ca_desig_scaffold	2773	[G/T]	NA
Ca_Desig_Chr_scaffold14224_2774	Ca_desig_scaffold	2774	[A/G]	NA
Ca_Desig_Chr_scaffold14224_2775	Ca_desig_scaffold	2775	[A/G]	NA
Ca_Desig_Chr_scaffold14224_2776	Ca_desig_scaffold	2776	[A/G]	NA
Ca_Desig_Chr_scaffold14224_2777	Ca_desig_scaffold	2777	[G/A]	NA
Ca_Desig_Chr_scaffold14224_2778	Ca_desig_scaffold	2778	[A/G]	NA
Ca_Desig_Chr_scaffold14224_2782	Ca_desig_scaffold	2782	[T/C]	NA
Ca_Desig_Chr_scaffold14224_2783	Ca_desig_scaffold	2783	[C/T]	NA
Ca_Desig_Chr_scaffold14224_2784	Ca_desig_scaffold	2784	[G/C]	NA
Ca_Desig_Chr_scaffold14224_2787	Ca_desig_scaffold	2787	[C/T]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold14224_2788	Ca_desi_scaffold	2788	[G/C]	NA
Ca_Desi_Ch_scaffold14224_2793	Ca_desi_scaffold	2793	[G/C]	NA
Ca_Desi_Ch_scaffold14224_2795	Ca_desi_scaffold	2795	[T/C]	NA
Ca_Desi_Ch_scaffold14224_2796	Ca_desi_scaffold	2796	[T/C]	NA
Ca_Desi_Ch_scaffold14239_2058	Ca_desi_scaffold	2058	[T/G]	NA
Ca_Desi_Ch_scaffold14239_2072	Ca_desi_scaffold	2072	[G/C]	NA
Ca_Desi_Ch_scaffold14239_2080	Ca_desi_scaffold	2080	[A/G]	NA
Ca_Desi_Ch_scaffold14295_881	Ca_desi_scaffold	881	[T/C]	NA
Ca_Desi_Ch_scaffold14395_2168	Ca_desi_scaffold	2168	[C/G]	NA
Ca_Desi_Ch_scaffold14395_2202	Ca_desi_scaffold	2202	[G/T]	NA
Ca_Desi_Ch_scaffold14436_656	Ca_desi_scaffold	656	[T/G]	NA
Ca_Desi_Ch_scaffold14499_2492	Ca_desi_scaffold	2492	[C/G]	NA
Ca_Desi_Ch_scaffold14499_2494	Ca_desi_scaffold	2494	[A/G]	NA
Ca_Desi_Ch_scaffold14499_2498	Ca_desi_scaffold	2498	[T/C]	NA
Ca_Desi_Ch_scaffold14499_2499	Ca_desi_scaffold	2499	[G/T]	NA
Ca_Desi_Ch_scaffold14499_2500	Ca_desi_scaffold	2500	[T/G]	NA
Ca_Desi_Ch_scaffold14499_2503	Ca_desi_scaffold	2503	[T/C]	NA
Ca_Desi_Ch_scaffold14499_2508	Ca_desi_scaffold	2508	[T/C]	NA
Ca_Desi_Ch_scaffold14499_2513	Ca_desi_scaffold	2513	[T/G]	NA
Ca_Desi_Ch_scaffold14499_2516	Ca_desi_scaffold	2516	[T/C]	NA
Ca_Desi_Ch_scaffold14499_2518	Ca_desi_scaffold	2518	[T/C]	NA
Ca_Desi_Ch_scaffold14499_2520	Ca_desi_scaffold	2520	[T/C]	NA
Ca_Desi_Ch_scaffold14499_2522	Ca_desi_scaffold	2522	[T/C]	NA
Ca_Desi_Ch_scaffold14499_2525	Ca_desi_scaffold	2525	[T/C]	NA
Ca_Desi_Ch_scaffold14499_2530	Ca_desi_scaffold	2530	[A/G]	NA
Ca_Desi_Ch_scaffold14499_2534	Ca_desi_scaffold	2534	[A/G]	NA
Ca_Desi_Ch_scaffold14499_2619	Ca_desi_scaffold	2619	[T/G]	NA
Ca_Desi_Ch_scaffold14499_2672	Ca_desi_scaffold	2672	[C/T]	NA
Ca_Desi_Ch_scaffold14499_2673	Ca_desi_scaffold	2673	[T/C]	NA
Ca_Desi_Ch_scaffold14499_2675	Ca_desi_scaffold	2675	[T/G]	NA
Ca_Desi_Ch_scaffold14499_2676	Ca_desi_scaffold	2676	[G/C]	NA
Ca_Desi_Ch_scaffold14499_2682	Ca_desi_scaffold	2682	[A/T]	NA
Ca_Desi_Ch_scaffold14499_2684	Ca_desi_scaffold	2684	[T/C]	NA
Ca_Desi_Ch_scaffold14499_2690	Ca_desi_scaffold	2690	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold14499_2695	Ca_desig_scaffold	2695	[A/T]	NA
Ca_Desig_Chr_scaffold14499_2698	Ca_desig_scaffold	2698	[T/C]	NA
Ca_Desig_Chr_scaffold14499_2701	Ca_desig_scaffold	2701	[T/C]	NA
Ca_Desig_Chr_scaffold14499_2703	Ca_desig_scaffold	2703	[T/C]	NA
Ca_Desig_Chr_scaffold14499_2707	Ca_desig_scaffold	2707	[A/G]	NA
Ca_Desig_Chr_scaffold14499_2709	Ca_desig_scaffold	2709	[A/G]	NA
Ca_Desig_Chr_scaffold14499_2711	Ca_desig_scaffold	2711	[A/G]	NA
Ca_Desig_Chr_scaffold14499_2713	Ca_desig_scaffold	2713	[T/C]	NA
Ca_Desig_Chr_scaffold14499_2714	Ca_desig_scaffold	2714	[T/C]	NA
Ca_Desig_Chr_scaffold14499_2716	Ca_desig_scaffold	2716	[T/C]	NA
Ca_Desig_Chr_scaffold14499_2720	Ca_desig_scaffold	2720	[A/G]	NA
Ca_Desig_Chr_scaffold14499_2725	Ca_desig_scaffold	2725	[T/C]	NA
Ca_Desig_Chr_scaffold14499_2726	Ca_desig_scaffold	2726	[T/C]	NA
Ca_Desig_Chr_scaffold14499_2730	Ca_desig_scaffold	2730	[A/G]	NA
Ca_Desig_Chr_scaffold14500_1242	Ca_desig_scaffold	1242	[C/T]	NA
Ca_Desig_Chr_scaffold14546_373	Ca_desig_scaffold	373	[G/A]	NA
Ca_Desig_Chr_scaffold14546_395	Ca_desig_scaffold	395	[A/G]	NA
Ca_Desig_Chr_scaffold14576_254	Ca_desig_scaffold	254	[C/T]	NA
Ca_Desig_Chr_scaffold14650_1705	Ca_desig_scaffold	1705	[A/G]	NA
Ca_Desig_Chr_scaffold14650_1708	Ca_desig_scaffold	1708	[T/C]	NA
Ca_Desig_Chr_scaffold14650_1717	Ca_desig_scaffold	1717	[A/G]	NA
Ca_Desig_Chr_scaffold14650_1727	Ca_desig_scaffold	1727	[T/G]	NA
Ca_Desig_Chr_scaffold14650_1735	Ca_desig_scaffold	1735	[T/C]	NA
Ca_Desig_Chr_scaffold14650_1739	Ca_desig_scaffold	1739	[T/G]	NA
Ca_Desig_Chr_scaffold14650_1741	Ca_desig_scaffold	1741	[T/C]	NA
Ca_Desig_Chr_scaffold14650_1743	Ca_desig_scaffold	1743	[A/G]	NA
Ca_Desig_Chr_scaffold14650_1745	Ca_desig_scaffold	1745	[A/G]	NA
Ca_Desig_Chr_scaffold14650_1755	Ca_desig_scaffold	1755	[T/G]	NA
Ca_Desig_Chr_scaffold14650_1928	Ca_desig_scaffold	1928	[T/C]	NA
Ca_Desig_Chr_scaffold14650_2195	Ca_desig_scaffold	2195	[T/A]	NA
Ca_Desig_Chr_scaffold14667_2025	Ca_desig_scaffold	2025	[G/A]	NA
Ca_Desig_Chr_scaffold14680_2034	Ca_desig_scaffold	2034	[A/G]	NA
Ca_Desig_Chr_scaffold14680_2046	Ca_desig_scaffold	2046	[T/C]	NA
Ca_Desig_Chr_scaffold14680_2049	Ca_desig_scaffold	2049	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold14680_2052	Ca_desi_scaffold	2052	[T/G]	NA
Ca_Desi_Ch_scaffold14680_2059	Ca_desi_scaffold	2059	[T/G]	NA
Ca_Desi_Ch_scaffold14680_2064	Ca_desi_scaffold	2064	[A/G]	NA
Ca_Desi_Ch_scaffold14680_2068	Ca_desi_scaffold	2068	[T/G]	NA
Ca_Desi_Ch_scaffold14680_2074	Ca_desi_scaffold	2074	[T/C]	NA
Ca_Desi_Ch_scaffold14701_975	Ca_desi_scaffold	975	[A/C]	NA
Ca_Desi_Ch_scaffold14718_1056	Ca_desi_scaffold	1056	[A/G]	NA
Ca_Desi_Ch_scaffold14718_1061	Ca_desi_scaffold	1061	[T/C]	NA
Ca_Desi_Ch_scaffold14718_1078	Ca_desi_scaffold	1078	[A/C]	NA
Ca_Desi_Ch_scaffold14785_1612	Ca_desi_scaffold	1612	[T/A]	NA
Ca_Desi_Ch_scaffold14785_1645	Ca_desi_scaffold	1645	[A/G]	NA
Ca_Desi_Ch_scaffold14785_1647	Ca_desi_scaffold	1647	[A/G]	NA
Ca_Desi_Ch_scaffold14806_2152	Ca_desi_scaffold	2152	[T/G]	NA
Ca_Desi_Ch_scaffold14895_2390	Ca_desi_scaffold	2390	[A/G]	NA
Ca_Desi_Ch_scaffold14895_2404	Ca_desi_scaffold	2404	[T/G]	NA
Ca_Desi_Ch_scaffold14895_2426	Ca_desi_scaffold	2426	[T/C]	NA
Ca_Desi_Ch_scaffold14936_147	Ca_desi_scaffold	147	[A/G]	NA
Ca_Desi_Ch_scaffold14936_148	Ca_desi_scaffold	148	[C/A]	NA
Ca_Desi_Ch_scaffold14936_149	Ca_desi_scaffold	149	[G/T]	NA
Ca_Desi_Ch_scaffold14936_151	Ca_desi_scaffold	151	[G/T]	NA
Ca_Desi_Ch_scaffold14939_1175	Ca_desi_scaffold	1175	[A/C]	NA
Ca_Desi_Ch_scaffold14939_1181	Ca_desi_scaffold	1181	[T/C]	NA
Ca_Desi_Ch_scaffold14939_1184	Ca_desi_scaffold	1184	[T/A]	NA
Ca_Desi_Ch_scaffold14939_1185	Ca_desi_scaffold	1185	[A/G]	NA
Ca_Desi_Ch_scaffold14939_1187	Ca_desi_scaffold	1187	[A/G]	NA
Ca_Desi_Ch_scaffold14939_1189	Ca_desi_scaffold	1189	[T/C]	NA
Ca_Desi_Ch_scaffold14939_1190	Ca_desi_scaffold	1190	[A/G]	NA
Ca_Desi_Ch_scaffold14939_1191	Ca_desi_scaffold	1191	[A/G]	NA
Ca_Desi_Ch_scaffold14939_1193	Ca_desi_scaffold	1193	[C/T]	NA
Ca_Desi_Ch_scaffold14939_1196	Ca_desi_scaffold	1196	[T/G]	NA
Ca_Desi_Ch_scaffold14939_1198	Ca_desi_scaffold	1198	[T/G]	NA
Ca_Desi_Ch_scaffold14939_1201	Ca_desi_scaffold	1201	[A/G]	NA
Ca_Desi_Ch_scaffold14939_1208	Ca_desi_scaffold	1208	[G/A]	NA
Ca_Desi_Ch_scaffold14939_1210	Ca_desi_scaffold	1210	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold14939_1211	Ca_desig_scaffold	1211	[T/C]	NA
Ca_Desig_Chr_scaffold14939_1212	Ca_desig_scaffold	1212	[C/T]	NA
Ca_Desig_Chr_scaffold14939_1213	Ca_desig_scaffold	1213	[T/C]	NA
Ca_Desig_Chr_scaffold14939_1214	Ca_desig_scaffold	1214	[T/C]	NA
Ca_Desig_Chr_scaffold14939_1216	Ca_desig_scaffold	1216	[T/C]	NA
Ca_Desig_Chr_scaffold14939_1221	Ca_desig_scaffold	1221	[T/A]	NA
Ca_Desig_Chr_scaffold14939_1228	Ca_desig_scaffold	1228	[T/C]	NA
Ca_Desig_Chr_scaffold14939_1230	Ca_desig_scaffold	1230	[T/C]	NA
Ca_Desig_Chr_scaffold14939_1261	Ca_desig_scaffold	1261	[T/C]	NA
Ca_Desig_Chr_scaffold14939_1276	Ca_desig_scaffold	1276	[T/C]	NA
Ca_Desig_Chr_scaffold14995_79	Ca_desig_scaffold	79	[A/G]	NA
Ca_Desig_Chr_scaffold14995_119	Ca_desig_scaffold	119	[T/A]	NA
Ca_Desig_Chr_scaffold14997_2323	Ca_desig_scaffold	2323	[G/C]	NA
Ca_Desig_Chr_scaffold14997_2342	Ca_desig_scaffold	2342	[G/A]	NA
Ca_Desig_Chr_scaffold14997_2350	Ca_desig_scaffold	2350	[T/G]	NA
Ca_Desig_Chr_scaffold14997_2354	Ca_desig_scaffold	2354	[G/A]	NA
Ca_Desig_Chr_scaffold14998_2169	Ca_desig_scaffold	2169	[G/T]	NA
Ca_Desig_Chr_scaffold14998_2176	Ca_desig_scaffold	2176	[A/C]	NA
Ca_Desig_Chr_scaffold15005_701	Ca_desig_scaffold	701	[T/C]	NA
Ca_Desig_Chr_scaffold15005_704	Ca_desig_scaffold	704	[A/G]	NA
Ca_Desig_Chr_scaffold15005_710	Ca_desig_scaffold	710	[A/G]	NA
Ca_Desig_Chr_scaffold15005_714	Ca_desig_scaffold	714	[A/G]	NA
Ca_Desig_Chr_scaffold15005_718	Ca_desig_scaffold	718	[A/G]	NA
Ca_Desig_Chr_scaffold15005_728	Ca_desig_scaffold	728	[G/A]	NA
Ca_Desig_Chr_scaffold15005_738	Ca_desig_scaffold	738	[T/C]	NA
Ca_Desig_Chr_scaffold15005_746	Ca_desig_scaffold	746	[A/T]	NA
Ca_Desig_Chr_scaffold15005_780	Ca_desig_scaffold	780	[A/G]	NA
Ca_Desig_Chr_scaffold15005_784	Ca_desig_scaffold	784	[T/C]	NA
Ca_Desig_Chr_scaffold15005_791	Ca_desig_scaffold	791	[A/G]	NA
Ca_Desig_Chr_scaffold15005_793	Ca_desig_scaffold	793	[A/G]	NA
Ca_Desig_Chr_scaffold15005_804	Ca_desig_scaffold	804	[A/G]	NA
Ca_Desig_Chr_scaffold15005_806	Ca_desig_scaffold	806	[C/T]	NA
Ca_Desig_Chr_scaffold15005_808	Ca_desig_scaffold	808	[A/G]	NA
Ca_Desig_Chr_scaffold15005_810	Ca_desig_scaffold	810	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold15005_812	Ca_desi_scaffold	812	[T/C]	NA
Ca_Desi_Ch_scaffold15005_813	Ca_desi_scaffold	813	[T/C]	NA
Ca_Desi_Ch_scaffold15005_815	Ca_desi_scaffold	815	[C/T]	NA
Ca_Desi_Ch_scaffold15005_817	Ca_desi_scaffold	817	[A/G]	NA
Ca_Desi_Ch_scaffold15005_819	Ca_desi_scaffold	819	[G/A]	NA
Ca_Desi_Ch_scaffold15005_826	Ca_desi_scaffold	826	[T/C]	NA
Ca_Desi_Ch_scaffold15005_828	Ca_desi_scaffold	828	[A/G]	NA
Ca_Desi_Ch_scaffold15005_831	Ca_desi_scaffold	831	[T/C]	NA
Ca_Desi_Ch_scaffold15005_832	Ca_desi_scaffold	832	[G/A]	NA
Ca_Desi_Ch_scaffold15005_833	Ca_desi_scaffold	833	[A/G]	NA
Ca_Desi_Ch_scaffold15005_837	Ca_desi_scaffold	837	[A/C]	NA
Ca_Desi_Ch_scaffold15005_850	Ca_desi_scaffold	850	[A/T]	NA
Ca_Desi_Ch_scaffold15005_851	Ca_desi_scaffold	851	[G/A]	NA
Ca_Desi_Ch_scaffold15005_852	Ca_desi_scaffold	852	[A/G]	NA
Ca_Desi_Ch_scaffold15005_854	Ca_desi_scaffold	854	[C/T]	NA
Ca_Desi_Ch_scaffold15005_856	Ca_desi_scaffold	856	[A/G]	NA
Ca_Desi_Ch_scaffold15005_857	Ca_desi_scaffold	857	[A/G]	NA
Ca_Desi_Ch_scaffold15005_859	Ca_desi_scaffold	859	[A/G]	NA
Ca_Desi_Ch_scaffold15005_1088	Ca_desi_scaffold	1088	[T/G]	NA
Ca_Desi_Ch_scaffold15005_1251	Ca_desi_scaffold	1251	[A/C]	NA
Ca_Desi_Ch_scaffold15005_1305	Ca_desi_scaffold	1305	[A/G]	NA
Ca_Desi_Ch_scaffold15005_1331	Ca_desi_scaffold	1331	[A/C]	NA
Ca_Desi_Ch_scaffold15005_1344	Ca_desi_scaffold	1344	[T/C]	NA
Ca_Desi_Ch_scaffold15005_1348	Ca_desi_scaffold	1348	[A/C]	NA
Ca_Desi_Ch_scaffold15005_1350	Ca_desi_scaffold	1350	[T/C]	NA
Ca_Desi_Ch_scaffold15005_1359	Ca_desi_scaffold	1359	[A/G]	NA
Ca_Desi_Ch_scaffold15005_1600	Ca_desi_scaffold	1600	[A/G]	NA
Ca_Desi_Ch_scaffold15005_1615	Ca_desi_scaffold	1615	[A/G]	NA
Ca_Desi_Ch_scaffold15005_1646	Ca_desi_scaffold	1646	[A/G]	NA
Ca_Desi_Ch_scaffold15076_1211	Ca_desi_scaffold	1211	[T/G]	NA
Ca_Desi_Ch_scaffold15076_1227	Ca_desi_scaffold	1227	[T/G]	NA
Ca_Desi_Ch_scaffold15076_1243	Ca_desi_scaffold	1243	[C/A]	NA
Ca_Desi_Ch_scaffold15136_1872	Ca_desi_scaffold	1872	[T/G]	NA
Ca_Desi_Ch_scaffold15136_2011	Ca_desi_scaffold	2011	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold15136_2026	Ca_desi_scaffold	2026	[T/G]	NA
Ca_Desi_Chromosome_scaffold15136_2029	Ca_desi_scaffold	2029	[A/G]	NA
Ca_Desi_Chromosome_scaffold15136_2035	Ca_desi_scaffold	2035	[T/G]	NA
Ca_Desi_Chromosome_scaffold15193_1664	Ca_desi_scaffold	1664	[A/G]	NA
Ca_Desi_Chromosome_scaffold15193_1696	Ca_desi_scaffold	1696	[C/G]	NA
Ca_Desi_Chromosome_scaffold15193_1701	Ca_desi_scaffold	1701	[A/C]	NA
Ca_Desi_Chromosome_scaffold15212_520	Ca_desi_scaffold	520	[A/G]	NA
Ca_Desi_Chromosome_scaffold15212_522	Ca_desi_scaffold	522	[T/G]	NA
Ca_Desi_Chromosome_scaffold15212_1490	Ca_desi_scaffold	1490	[T/G]	NA
Ca_Desi_Chromosome_scaffold15212_2048	Ca_desi_scaffold	2048	[G/T]	NA
Ca_Desi_Chromosome_scaffold15212_2152	Ca_desi_scaffold	2152	[T/C]	NA
Ca_Desi_Chromosome_scaffold15212_2157	Ca_desi_scaffold	2157	[A/G]	NA
Ca_Desi_Chromosome_scaffold15212_2158	Ca_desi_scaffold	2158	[A/G]	NA
Ca_Desi_Chromosome_scaffold15212_2175	Ca_desi_scaffold	2175	[C/T]	NA
Ca_Desi_Chromosome_scaffold15212_2179	Ca_desi_scaffold	2179	[T/C]	NA
Ca_Desi_Chromosome_scaffold15212_2185	Ca_desi_scaffold	2185	[T/C]	NA
Ca_Desi_Chromosome_scaffold15212_2188	Ca_desi_scaffold	2188	[T/C]	NA
Ca_Desi_Chromosome_scaffold15212_2190	Ca_desi_scaffold	2190	[T/C]	NA
Ca_Desi_Chromosome_scaffold15212_2195	Ca_desi_scaffold	2195	[A/G]	NA
Ca_Desi_Chromosome_scaffold15225_1078	Ca_desi_scaffold	1078	[T/A]	NA
Ca_Desi_Chromosome_scaffold15244_2225	Ca_desi_scaffold	2225	[G/A]	NA
Ca_Desi_Chromosome_scaffold15244_2338	Ca_desi_scaffold	2338	[G/C]	NA
Ca_Desi_Chromosome_scaffold15274_1044	Ca_desi_scaffold	1044	[T/G]	NA
Ca_Desi_Chromosome_scaffold15292_1843	Ca_desi_scaffold	1843	[T/C]	NA
Ca_Desi_Chromosome_scaffold15292_1853	Ca_desi_scaffold	1853	[T/C]	NA
Ca_Desi_Chromosome_scaffold15292_1855	Ca_desi_scaffold	1855	[A/C]	NA
Ca_Desi_Chromosome_scaffold15292_1870	Ca_desi_scaffold	1870	[A/G]	NA
Ca_Desi_Chromosome_scaffold15292_1877	Ca_desi_scaffold	1877	[A/G]	NA
Ca_Desi_Chromosome_scaffold15292_1881	Ca_desi_scaffold	1881	[A/G]	NA
Ca_Desi_Chromosome_scaffold15292_1883	Ca_desi_scaffold	1883	[A/G]	NA
Ca_Desi_Chromosome_scaffold15292_1894	Ca_desi_scaffold	1894	[T/C]	NA
Ca_Desi_Chromosome_scaffold15292_1896	Ca_desi_scaffold	1896	[A/G]	NA
Ca_Desi_Chromosome_scaffold15515_1111	Ca_desi_scaffold	1111	[A/C]	NA
Ca_Desi_Chromosome_scaffold15534_2140	Ca_desi_scaffold	2140	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold15534_2223	Ca_desi_scaffold	2223	[T/A]	NA
Ca_Desi_Ch_scaffold15543_692	Ca_desi_scaffold	692	[G/C]	NA
Ca_Desi_Ch_scaffold15763_203	Ca_desi_scaffold	203	[G/A]	NA
Ca_Desi_Ch_scaffold15786_1185	Ca_desi_scaffold	1185	[T/G]	NA
Ca_Desi_Ch_scaffold15794_366	Ca_desi_scaffold	366	[C/T]	NA
Ca_Desi_Ch_scaffold15812_356	Ca_desi_scaffold	356	[T/C]	NA
Ca_Desi_Ch_scaffold15812_453	Ca_desi_scaffold	453	[T/C]	NA
Ca_Desi_Ch_scaffold15812_462	Ca_desi_scaffold	462	[T/G]	NA
Ca_Desi_Ch_scaffold15812_662	Ca_desi_scaffold	662	[T/G]	NA
Ca_Desi_Ch_scaffold15812_673	Ca_desi_scaffold	673	[A/G]	NA
Ca_Desi_Ch_scaffold15812_739	Ca_desi_scaffold	739	[T/C]	NA
Ca_Desi_Ch_scaffold15812_741	Ca_desi_scaffold	741	[T/C]	NA
Ca_Desi_Ch_scaffold15812_743	Ca_desi_scaffold	743	[A/G]	NA
Ca_Desi_Ch_scaffold15812_744	Ca_desi_scaffold	744	[G/A]	NA
Ca_Desi_Ch_scaffold15812_745	Ca_desi_scaffold	745	[G/A]	NA
Ca_Desi_Ch_scaffold15812_746	Ca_desi_scaffold	746	[T/C]	NA
Ca_Desi_Ch_scaffold15812_747	Ca_desi_scaffold	747	[C/T]	NA
Ca_Desi_Ch_scaffold15812_748	Ca_desi_scaffold	748	[G/A]	NA
Ca_Desi_Ch_scaffold15812_749	Ca_desi_scaffold	749	[A/G]	NA
Ca_Desi_Ch_scaffold15812_750	Ca_desi_scaffold	750	[G/A]	NA
Ca_Desi_Ch_scaffold15812_751	Ca_desi_scaffold	751	[T/C]	NA
Ca_Desi_Ch_scaffold15812_752	Ca_desi_scaffold	752	[T/C]	NA
Ca_Desi_Ch_scaffold15812_753	Ca_desi_scaffold	753	[G/A]	NA
Ca_Desi_Ch_scaffold15812_754	Ca_desi_scaffold	754	[A/G]	NA
Ca_Desi_Ch_scaffold15812_755	Ca_desi_scaffold	755	[G/A]	NA
Ca_Desi_Ch_scaffold15812_756	Ca_desi_scaffold	756	[G/A]	NA
Ca_Desi_Ch_scaffold15812_757	Ca_desi_scaffold	757	[G/A]	NA
Ca_Desi_Ch_scaffold15812_758	Ca_desi_scaffold	758	[C/T]	NA
Ca_Desi_Ch_scaffold15812_759	Ca_desi_scaffold	759	[T/C]	NA
Ca_Desi_Ch_scaffold15812_760	Ca_desi_scaffold	760	[T/C]	NA
Ca_Desi_Ch_scaffold15812_761	Ca_desi_scaffold	761	[G/A]	NA
Ca_Desi_Ch_scaffold15812_762	Ca_desi_scaffold	762	[A/G]	NA
Ca_Desi_Ch_scaffold15812_763	Ca_desi_scaffold	763	[G/A]	NA
Ca_Desi_Ch_scaffold15812_765	Ca_desi_scaffold	765	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold15812_766	Ca_desig_scaffold	766	[T/C]	NA
Ca_Desig_Chr_scaffold15812_767	Ca_desig_scaffold	767	[C/T]	NA
Ca_Desig_Chr_scaffold15812_768	Ca_desig_scaffold	768	[T/C]	NA
Ca_Desig_Chr_scaffold15812_769	Ca_desig_scaffold	769	[A/G]	NA
Ca_Desig_Chr_scaffold15812_770	Ca_desig_scaffold	770	[T/C]	NA
Ca_Desig_Chr_scaffold15812_771	Ca_desig_scaffold	771	[G/T]	NA
Ca_Desig_Chr_scaffold15812_772	Ca_desig_scaffold	772	[A/G]	NA
Ca_Desig_Chr_scaffold15812_773	Ca_desig_scaffold	773	[T/C]	NA
Ca_Desig_Chr_scaffold15812_774	Ca_desig_scaffold	774	[T/C]	NA
Ca_Desig_Chr_scaffold15812_775	Ca_desig_scaffold	775	[C/T]	NA
Ca_Desig_Chr_scaffold15812_776	Ca_desig_scaffold	776	[C/T]	NA
Ca_Desig_Chr_scaffold15812_777	Ca_desig_scaffold	777	[T/C]	NA
Ca_Desig_Chr_scaffold15812_778	Ca_desig_scaffold	778	[G/A]	NA
Ca_Desig_Chr_scaffold15812_779	Ca_desig_scaffold	779	[T/C]	NA
Ca_Desig_Chr_scaffold15812_780	Ca_desig_scaffold	780	[A/G]	NA
Ca_Desig_Chr_scaffold15812_781	Ca_desig_scaffold	781	[T/C]	NA
Ca_Desig_Chr_scaffold15812_782	Ca_desig_scaffold	782	[T/C]	NA
Ca_Desig_Chr_scaffold15812_785	Ca_desig_scaffold	785	[T/C]	NA
Ca_Desig_Chr_scaffold15812_786	Ca_desig_scaffold	786	[G/A]	NA
Ca_Desig_Chr_scaffold15812_787	Ca_desig_scaffold	787	[C/T]	NA
Ca_Desig_Chr_scaffold15812_788	Ca_desig_scaffold	788	[T/C]	NA
Ca_Desig_Chr_scaffold15812_789	Ca_desig_scaffold	789	[T/C]	NA
Ca_Desig_Chr_scaffold15812_790	Ca_desig_scaffold	790	[T/C]	NA
Ca_Desig_Chr_scaffold15812_791	Ca_desig_scaffold	791	[T/C]	NA
Ca_Desig_Chr_scaffold15812_792	Ca_desig_scaffold	792	[G/A]	NA
Ca_Desig_Chr_scaffold15812_793	Ca_desig_scaffold	793	[C/T]	NA
Ca_Desig_Chr_scaffold15812_794	Ca_desig_scaffold	794	[G/A]	NA
Ca_Desig_Chr_scaffold15812_795	Ca_desig_scaffold	795	[C/T]	NA
Ca_Desig_Chr_scaffold15812_796	Ca_desig_scaffold	796	[C/T]	NA
Ca_Desig_Chr_scaffold15812_797	Ca_desig_scaffold	797	[G/A]	NA
Ca_Desig_Chr_scaffold15812_800	Ca_desig_scaffold	800	[T/A]	NA
Ca_Desig_Chr_scaffold15812_816	Ca_desig_scaffold	816	[C/A]	NA
Ca_Desig_Chr_scaffold15812_817	Ca_desig_scaffold	817	[A/G]	NA
Ca_Desig_Chr_scaffold15812_818	Ca_desig_scaffold	818	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold15812_819	Ca_desi_scaffold	819	[A/G]	NA
Ca_Desi_Ch_scaffold15812_820	Ca_desi_scaffold	820	[A/G]	NA
Ca_Desi_Ch_scaffold15812_821	Ca_desi_scaffold	821	[A/G]	NA
Ca_Desi_Ch_scaffold15812_822	Ca_desi_scaffold	822	[G/A]	NA
Ca_Desi_Ch_scaffold15812_823	Ca_desi_scaffold	823	[A/G]	NA
Ca_Desi_Ch_scaffold15812_824	Ca_desi_scaffold	824	[A/G]	NA
Ca_Desi_Ch_scaffold15812_825	Ca_desi_scaffold	825	[A/G]	NA
Ca_Desi_Ch_scaffold15812_826	Ca_desi_scaffold	826	[G/A]	NA
Ca_Desi_Ch_scaffold15812_827	Ca_desi_scaffold	827	[G/A]	NA
Ca_Desi_Ch_scaffold15812_828	Ca_desi_scaffold	828	[C/T]	NA
Ca_Desi_Ch_scaffold15812_829	Ca_desi_scaffold	829	[C/T]	NA
Ca_Desi_Ch_scaffold15812_830	Ca_desi_scaffold	830	[A/G]	NA
Ca_Desi_Ch_scaffold15812_831	Ca_desi_scaffold	831	[G/A]	NA
Ca_Desi_Ch_scaffold15812_832	Ca_desi_scaffold	832	[T/C]	NA
Ca_Desi_Ch_scaffold15812_833	Ca_desi_scaffold	833	[T/C]	NA
Ca_Desi_Ch_scaffold15812_834	Ca_desi_scaffold	834	[C/T]	NA
Ca_Desi_Ch_scaffold15812_835	Ca_desi_scaffold	835	[T/C]	NA
Ca_Desi_Ch_scaffold15812_836	Ca_desi_scaffold	836	[T/C]	NA
Ca_Desi_Ch_scaffold15812_837	Ca_desi_scaffold	837	[G/A]	NA
Ca_Desi_Ch_scaffold15812_838	Ca_desi_scaffold	838	[T/C]	NA
Ca_Desi_Ch_scaffold15812_839	Ca_desi_scaffold	839	[C/T]	NA
Ca_Desi_Ch_scaffold15812_840	Ca_desi_scaffold	840	[T/C]	NA
Ca_Desi_Ch_scaffold15812_841	Ca_desi_scaffold	841	[A/G]	NA
Ca_Desi_Ch_scaffold15812_842	Ca_desi_scaffold	842	[A/G]	NA
Ca_Desi_Ch_scaffold15812_843	Ca_desi_scaffold	843	[T/C]	NA
Ca_Desi_Ch_scaffold15812_844	Ca_desi_scaffold	844	[C/T]	NA
Ca_Desi_Ch_scaffold15812_845	Ca_desi_scaffold	845	[G/A]	NA
Ca_Desi_Ch_scaffold15812_846	Ca_desi_scaffold	846	[A/G]	NA
Ca_Desi_Ch_scaffold15812_847	Ca_desi_scaffold	847	[T/C]	NA
Ca_Desi_Ch_scaffold15812_848	Ca_desi_scaffold	848	[A/G]	NA
Ca_Desi_Ch_scaffold15812_849	Ca_desi_scaffold	849	[G/A]	NA
Ca_Desi_Ch_scaffold15812_850	Ca_desi_scaffold	850	[T/C]	NA
Ca_Desi_Ch_scaffold15812_851	Ca_desi_scaffold	851	[G/A]	NA
Ca_Desi_Ch_scaffold15812_852	Ca_desi_scaffold	852	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold15812_853	Ca_desi_scaffold	853	[C/T]	NA
Ca_Desi_Ch_scaffold15812_854	Ca_desi_scaffold	854	[T/C]	NA
Ca_Desi_Ch_scaffold15812_855	Ca_desi_scaffold	855	[C/T]	NA
Ca_Desi_Ch_scaffold15812_856	Ca_desi_scaffold	856	[G/C]	NA
Ca_Desi_Ch_scaffold15812_857	Ca_desi_scaffold	857	[T/G]	NA
Ca_Desi_Ch_scaffold15812_858	Ca_desi_scaffold	858	[T/C]	NA
Ca_Desi_Ch_scaffold15812_859	Ca_desi_scaffold	859	[C/T]	NA
Ca_Desi_Ch_scaffold15812_861	Ca_desi_scaffold	861	[T/C]	NA
Ca_Desi_Ch_scaffold15812_863	Ca_desi_scaffold	863	[T/C]	NA
Ca_Desi_Ch_scaffold15812_864	Ca_desi_scaffold	864	[G/A]	NA
Ca_Desi_Ch_scaffold15812_865	Ca_desi_scaffold	865	[A/G]	NA
Ca_Desi_Ch_scaffold15812_866	Ca_desi_scaffold	866	[T/C]	NA
Ca_Desi_Ch_scaffold15812_867	Ca_desi_scaffold	867	[T/C]	NA
Ca_Desi_Ch_scaffold15812_868	Ca_desi_scaffold	868	[A/G]	NA
Ca_Desi_Ch_scaffold15812_869	Ca_desi_scaffold	869	[T/C]	NA
Ca_Desi_Ch_scaffold15812_870	Ca_desi_scaffold	870	[G/A]	NA
Ca_Desi_Ch_scaffold15812_871	Ca_desi_scaffold	871	[G/A]	NA
Ca_Desi_Ch_scaffold15812_872	Ca_desi_scaffold	872	[T/C]	NA
Ca_Desi_Ch_scaffold15812_873	Ca_desi_scaffold	873	[T/C]	NA
Ca_Desi_Ch_scaffold15812_874	Ca_desi_scaffold	874	[G/A]	NA
Ca_Desi_Ch_scaffold15812_875	Ca_desi_scaffold	875	[A/G]	NA
Ca_Desi_Ch_scaffold15812_954	Ca_desi_scaffold	954	[A/G]	NA
Ca_Desi_Ch_scaffold15812_955	Ca_desi_scaffold	955	[T/C]	NA
Ca_Desi_Ch_scaffold15812_956	Ca_desi_scaffold	956	[A/G]	NA
Ca_Desi_Ch_scaffold15812_957	Ca_desi_scaffold	957	[A/G]	NA
Ca_Desi_Ch_scaffold15812_958	Ca_desi_scaffold	958	[A/G]	NA
Ca_Desi_Ch_scaffold15812_959	Ca_desi_scaffold	959	[A/G]	NA
Ca_Desi_Ch_scaffold15812_960	Ca_desi_scaffold	960	[G/T]	NA
Ca_Desi_Ch_scaffold15812_962	Ca_desi_scaffold	962	[T/C]	NA
Ca_Desi_Ch_scaffold15812_963	Ca_desi_scaffold	963	[C/T]	NA
Ca_Desi_Ch_scaffold15812_964	Ca_desi_scaffold	964	[G/A]	NA
Ca_Desi_Ch_scaffold15812_965	Ca_desi_scaffold	965	[A/G]	NA
Ca_Desi_Ch_scaffold15812_966	Ca_desi_scaffold	966	[G/A]	NA
Ca_Desi_Ch_scaffold15812_967	Ca_desi_scaffold	967	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold15812_968	Ca_desig_scaffold	968	[T/C]	NA
Ca_Desig_Chr_scaffold15812_969	Ca_desig_scaffold	969	[T/C]	NA
Ca_Desig_Chr_scaffold15812_970	Ca_desig_scaffold	970	[C/T]	NA
Ca_Desig_Chr_scaffold15812_971	Ca_desig_scaffold	971	[T/C]	NA
Ca_Desig_Chr_scaffold15812_972	Ca_desig_scaffold	972	[C/T]	NA
Ca_Desig_Chr_scaffold15812_973	Ca_desig_scaffold	973	[C/T]	NA
Ca_Desig_Chr_scaffold15812_974	Ca_desig_scaffold	974	[A/C]	NA
Ca_Desig_Chr_scaffold15812_975	Ca_desig_scaffold	975	[C/T]	NA
Ca_Desig_Chr_scaffold15812_976	Ca_desig_scaffold	976	[T/C]	NA
Ca_Desig_Chr_scaffold15812_977	Ca_desig_scaffold	977	[G/A]	NA
Ca_Desig_Chr_scaffold15812_978	Ca_desig_scaffold	978	[A/G]	NA
Ca_Desig_Chr_scaffold15812_979	Ca_desig_scaffold	979	[T/C]	NA
Ca_Desig_Chr_scaffold15812_980	Ca_desig_scaffold	980	[C/T]	NA
Ca_Desig_Chr_scaffold15812_981	Ca_desig_scaffold	981	[G/A]	NA
Ca_Desig_Chr_scaffold15812_982	Ca_desig_scaffold	982	[A/G]	NA
Ca_Desig_Chr_scaffold15812_983	Ca_desig_scaffold	983	[T/C]	NA
Ca_Desig_Chr_scaffold15812_984	Ca_desig_scaffold	984	[T/C]	NA
Ca_Desig_Chr_scaffold15812_985	Ca_desig_scaffold	985	[T/C]	NA
Ca_Desig_Chr_scaffold15812_986	Ca_desig_scaffold	986	[C/T]	NA
Ca_Desig_Chr_scaffold15812_987	Ca_desig_scaffold	987	[A/G]	NA
Ca_Desig_Chr_scaffold15812_988	Ca_desig_scaffold	988	[C/T]	NA
Ca_Desig_Chr_scaffold15812_989	Ca_desig_scaffold	989	[A/G]	NA
Ca_Desig_Chr_scaffold15812_990	Ca_desig_scaffold	990	[A/G]	NA
Ca_Desig_Chr_scaffold15812_991	Ca_desig_scaffold	991	[G/A]	NA
Ca_Desig_Chr_scaffold15812_992	Ca_desig_scaffold	992	[T/C]	NA
Ca_Desig_Chr_scaffold15812_993	Ca_desig_scaffold	993	[A/G]	NA
Ca_Desig_Chr_scaffold15812_994	Ca_desig_scaffold	994	[A/G]	NA
Ca_Desig_Chr_scaffold15812_995	Ca_desig_scaffold	995	[T/C]	NA
Ca_Desig_Chr_scaffold15812_996	Ca_desig_scaffold	996	[T/C]	NA
Ca_Desig_Chr_scaffold15812_998	Ca_desig_scaffold	998	[A/G]	NA
Ca_Desig_Chr_scaffold15812_1000	Ca_desig_scaffold	1000	[T/C]	NA
Ca_Desig_Chr_scaffold15812_1001	Ca_desig_scaffold	1001	[G/A]	NA
Ca_Desig_Chr_scaffold15812_1002	Ca_desig_scaffold	1002	[G/A]	NA
Ca_Desig_Chr_scaffold15812_1003	Ca_desig_scaffold	1003	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold15812_1004	Ca_desi_scaffold	1004	[T/C]	NA
Ca_Desi_Chromosome_scaffold15812_1005	Ca_desi_scaffold	1005	[G/A]	NA
Ca_Desi_Chromosome_scaffold15812_1006	Ca_desi_scaffold	1006	[A/G]	NA
Ca_Desi_Chromosome_scaffold15812_1007	Ca_desi_scaffold	1007	[G/A]	NA
Ca_Desi_Chromosome_scaffold15812_1008	Ca_desi_scaffold	1008	[C/T]	NA
Ca_Desi_Chromosome_scaffold15812_1009	Ca_desi_scaffold	1009	[T/C]	NA
Ca_Desi_Chromosome_scaffold15812_1010	Ca_desi_scaffold	1010	[A/G]	NA
Ca_Desi_Chromosome_scaffold15812_1011	Ca_desi_scaffold	1011	[T/C]	NA
Ca_Desi_Chromosome_scaffold15812_1012	Ca_desi_scaffold	1012	[A/G]	NA
Ca_Desi_Chromosome_scaffold15812_1074	Ca_desi_scaffold	1074	[G/A]	NA
Ca_Desi_Chromosome_scaffold15812_1075	Ca_desi_scaffold	1075	[G/T]	NA
Ca_Desi_Chromosome_scaffold15812_1078	Ca_desi_scaffold	1078	[T/C]	NA
Ca_Desi_Chromosome_scaffold15812_1079	Ca_desi_scaffold	1079	[A/C]	NA
Ca_Desi_Chromosome_scaffold15812_1080	Ca_desi_scaffold	1080	[C/T]	NA
Ca_Desi_Chromosome_scaffold15812_1081	Ca_desi_scaffold	1081	[C/T]	NA
Ca_Desi_Chromosome_scaffold15812_1082	Ca_desi_scaffold	1082	[G/A]	NA
Ca_Desi_Chromosome_scaffold15812_1083	Ca_desi_scaffold	1083	[T/C]	NA
Ca_Desi_Chromosome_scaffold15812_1084	Ca_desi_scaffold	1084	[C/T]	NA
Ca_Desi_Chromosome_scaffold15812_1085	Ca_desi_scaffold	1085	[G/A]	NA
Ca_Desi_Chromosome_scaffold15812_1086	Ca_desi_scaffold	1086	[C/T]	NA
Ca_Desi_Chromosome_scaffold15812_1087	Ca_desi_scaffold	1087	[T/C]	NA
Ca_Desi_Chromosome_scaffold15812_1089	Ca_desi_scaffold	1089	[C/T]	NA
Ca_Desi_Chromosome_scaffold15812_1090	Ca_desi_scaffold	1090	[T/C]	NA
Ca_Desi_Chromosome_scaffold15812_1091	Ca_desi_scaffold	1091	[C/T]	NA
Ca_Desi_Chromosome_scaffold15812_1093	Ca_desi_scaffold	1093	[T/C]	NA
Ca_Desi_Chromosome_scaffold15812_1094	Ca_desi_scaffold	1094	[T/C]	NA
Ca_Desi_Chromosome_scaffold15812_1096	Ca_desi_scaffold	1096	[T/C]	NA
Ca_Desi_Chromosome_scaffold15812_1097	Ca_desi_scaffold	1097	[C/T]	NA
Ca_Desi_Chromosome_scaffold15812_1098	Ca_desi_scaffold	1098	[C/T]	NA
Ca_Desi_Chromosome_scaffold15812_1099	Ca_desi_scaffold	1099	[G/A]	NA
Ca_Desi_Chromosome_scaffold15812_1100	Ca_desi_scaffold	1100	[C/T]	NA
Ca_Desi_Chromosome_scaffold15812_1101	Ca_desi_scaffold	1101	[C/T]	NA
Ca_Desi_Chromosome_scaffold15812_1102	Ca_desi_scaffold	1102	[G/A]	NA
Ca_Desi_Chromosome_scaffold15812_1103	Ca_desi_scaffold	1103	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold15812_1104	Ca_desig_scaffold	1104	[T/C]	NA
Ca_Desig_Chr_scaffold15812_1105	Ca_desig_scaffold	1105	[G/A]	NA
Ca_Desig_Chr_scaffold15812_1106	Ca_desig_scaffold	1106	[A/G]	NA
Ca_Desig_Chr_scaffold15812_1107	Ca_desig_scaffold	1107	[C/T]	NA
Ca_Desig_Chr_scaffold15812_1108	Ca_desig_scaffold	1108	[T/C]	NA
Ca_Desig_Chr_scaffold15812_1109	Ca_desig_scaffold	1109	[G/A]	NA
Ca_Desig_Chr_scaffold15812_1110	Ca_desig_scaffold	1110	[A/G]	NA
Ca_Desig_Chr_scaffold15812_1111	Ca_desig_scaffold	1111	[T/C]	NA
Ca_Desig_Chr_scaffold15812_1113	Ca_desig_scaffold	1113	[T/C]	NA
Ca_Desig_Chr_scaffold15812_1115	Ca_desig_scaffold	1115	[A/G]	NA
Ca_Desig_Chr_scaffold15812_1116	Ca_desig_scaffold	1116	[T/C]	NA
Ca_Desig_Chr_scaffold15812_1117	Ca_desig_scaffold	1117	[G/A]	NA
Ca_Desig_Chr_scaffold15812_1120	Ca_desig_scaffold	1120	[C/T]	NA
Ca_Desig_Chr_scaffold15812_1121	Ca_desig_scaffold	1121	[T/C]	NA
Ca_Desig_Chr_scaffold15812_1122	Ca_desig_scaffold	1122	[T/C]	NA
Ca_Desig_Chr_scaffold15812_1123	Ca_desig_scaffold	1123	[A/G]	NA
Ca_Desig_Chr_scaffold15812_1124	Ca_desig_scaffold	1124	[A/G]	NA
Ca_Desig_Chr_scaffold15812_1125	Ca_desig_scaffold	1125	[A/G]	NA
Ca_Desig_Chr_scaffold15812_1126	Ca_desig_scaffold	1126	[T/C]	NA
Ca_Desig_Chr_scaffold15812_1127	Ca_desig_scaffold	1127	[G/A]	NA
Ca_Desig_Chr_scaffold15812_1128	Ca_desig_scaffold	1128	[C/T]	NA
Ca_Desig_Chr_scaffold15812_1129	Ca_desig_scaffold	1129	[C/T]	NA
Ca_Desig_Chr_scaffold15812_1130	Ca_desig_scaffold	1130	[T/C]	NA
Ca_Desig_Chr_scaffold15812_1131	Ca_desig_scaffold	1131	[A/G]	NA
Ca_Desig_Chr_scaffold15812_1132	Ca_desig_scaffold	1132	[G/A]	NA
Ca_Desig_Chr_scaffold15812_1231	Ca_desig_scaffold	1231	[A/T]	NA
Ca_Desig_Chr_scaffold15933_927	Ca_desig_scaffold	927	[G/C]	NA
Ca_Desig_Chr_scaffold15945_41	Ca_desig_scaffold	41	[A/G]	NA
Ca_Desig_Chr_scaffold15945_43	Ca_desig_scaffold	43	[A/G]	NA
Ca_Desig_Chr_scaffold15945_45	Ca_desig_scaffold	45	[T/C]	NA
Ca_Desig_Chr_scaffold15945_46	Ca_desig_scaffold	46	[T/C]	NA
Ca_Desig_Chr_scaffold15945_49	Ca_desig_scaffold	49	[T/C]	NA
Ca_Desig_Chr_scaffold15945_54	Ca_desig_scaffold	54	[T/C]	NA
Ca_Desig_Chr_scaffold15945_58	Ca_desig_scaffold	58	[A/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold15945_62	Ca_desig_scaffold	62	[A/G]	NA
Ca_Desig_Chr_scaffold15945_64	Ca_desig_scaffold	64	[T/C]	NA
Ca_Desig_Chr_scaffold15945_70	Ca_desig_scaffold	70	[A/G]	NA
Ca_Desig_Chr_scaffold15945_71	Ca_desig_scaffold	71	[A/G]	NA
Ca_Desig_Chr_scaffold15945_77	Ca_desig_scaffold	77	[T/C]	NA
Ca_Desig_Chr_scaffold15945_84	Ca_desig_scaffold	84	[T/C]	NA
Ca_Desig_Chr_scaffold15945_86	Ca_desig_scaffold	86	[T/C]	NA
Ca_Desig_Chr_scaffold15945_88	Ca_desig_scaffold	88	[T/C]	NA
Ca_Desig_Chr_scaffold15945_92	Ca_desig_scaffold	92	[T/C]	NA
Ca_Desig_Chr_scaffold15945_94	Ca_desig_scaffold	94	[T/C]	NA
Ca_Desig_Chr_scaffold15945_98	Ca_desig_scaffold	98	[T/C]	NA
Ca_Desig_Chr_scaffold15945_105	Ca_desig_scaffold	105	[T/C]	NA
Ca_Desig_Chr_scaffold15945_106	Ca_desig_scaffold	106	[A/G]	NA
Ca_Desig_Chr_scaffold15945_107	Ca_desig_scaffold	107	[T/C]	NA
Ca_Desig_Chr_scaffold15945_108	Ca_desig_scaffold	108	[C/T]	NA
Ca_Desig_Chr_scaffold15945_109	Ca_desig_scaffold	109	[T/C]	NA
Ca_Desig_Chr_scaffold15945_110	Ca_desig_scaffold	110	[T/C]	NA
Ca_Desig_Chr_scaffold15945_111	Ca_desig_scaffold	111	[T/C]	NA
Ca_Desig_Chr_scaffold15945_113	Ca_desig_scaffold	113	[T/C]	NA
Ca_Desig_Chr_scaffold15945_114	Ca_desig_scaffold	114	[A/G]	NA
Ca_Desig_Chr_scaffold15945_115	Ca_desig_scaffold	115	[A/G]	NA
Ca_Desig_Chr_scaffold15945_116	Ca_desig_scaffold	116	[A/G]	NA
Ca_Desig_Chr_scaffold15945_118	Ca_desig_scaffold	118	[A/G]	NA
Ca_Desig_Chr_scaffold15945_120	Ca_desig_scaffold	120	[G/A]	NA
Ca_Desig_Chr_scaffold15945_121	Ca_desig_scaffold	121	[A/G]	NA
Ca_Desig_Chr_scaffold15945_123	Ca_desig_scaffold	123	[A/G]	NA
Ca_Desig_Chr_scaffold15945_125	Ca_desig_scaffold	125	[A/G]	NA
Ca_Desig_Chr_scaffold15945_126	Ca_desig_scaffold	126	[A/G]	NA
Ca_Desig_Chr_scaffold15945_127	Ca_desig_scaffold	127	[A/G]	NA
Ca_Desig_Chr_scaffold15945_129	Ca_desig_scaffold	129	[A/G]	NA
Ca_Desig_Chr_scaffold15945_130	Ca_desig_scaffold	130	[T/A]	NA
Ca_Desig_Chr_scaffold15945_131	Ca_desig_scaffold	131	[A/G]	NA
Ca_Desig_Chr_scaffold15945_132	Ca_desig_scaffold	132	[G/A]	NA
Ca_Desig_Chr_scaffold15945_133	Ca_desig_scaffold	133	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold15945_134	Ca_desig_scaffold	134	[C/T]	NA
Ca_Desig_Chr_scaffold15945_136	Ca_desig_scaffold	136	[T/C]	NA
Ca_Desig_Chr_scaffold15945_137	Ca_desig_scaffold	137	[A/G]	NA
Ca_Desig_Chr_scaffold15945_139	Ca_desig_scaffold	139	[A/G]	NA
Ca_Desig_Chr_scaffold15945_141	Ca_desig_scaffold	141	[T/C]	NA
Ca_Desig_Chr_scaffold15945_143	Ca_desig_scaffold	143	[A/G]	NA
Ca_Desig_Chr_scaffold15945_145	Ca_desig_scaffold	145	[T/C]	NA
Ca_Desig_Chr_scaffold15945_146	Ca_desig_scaffold	146	[G/A]	NA
Ca_Desig_Chr_scaffold15945_147	Ca_desig_scaffold	147	[A/G]	NA
Ca_Desig_Chr_scaffold15945_148	Ca_desig_scaffold	148	[C/A]	NA
Ca_Desig_Chr_scaffold15945_149	Ca_desig_scaffold	149	[T/C]	NA
Ca_Desig_Chr_scaffold15945_150	Ca_desig_scaffold	150	[T/C]	NA
Ca_Desig_Chr_scaffold15945_151	Ca_desig_scaffold	151	[T/C]	NA
Ca_Desig_Chr_scaffold15945_152	Ca_desig_scaffold	152	[T/C]	NA
Ca_Desig_Chr_scaffold15945_153	Ca_desig_scaffold	153	[C/A]	NA
Ca_Desig_Chr_scaffold15945_154	Ca_desig_scaffold	154	[A/G]	NA
Ca_Desig_Chr_scaffold15945_155	Ca_desig_scaffold	155	[A/G]	NA
Ca_Desig_Chr_scaffold15945_156	Ca_desig_scaffold	156	[A/G]	NA
Ca_Desig_Chr_scaffold15945_158	Ca_desig_scaffold	158	[A/G]	NA
Ca_Desig_Chr_scaffold15945_160	Ca_desig_scaffold	160	[A/G]	NA
Ca_Desig_Chr_scaffold15945_162	Ca_desig_scaffold	162	[A/G]	NA
Ca_Desig_Chr_scaffold15945_183	Ca_desig_scaffold	183	[T/C]	NA
Ca_Desig_Chr_scaffold15945_198	Ca_desig_scaffold	198	[A/G]	NA
Ca_Desig_Chr_scaffold15945_215	Ca_desig_scaffold	215	[G/C]	NA
Ca_Desig_Chr_scaffold15945_216	Ca_desig_scaffold	216	[A/G]	NA
Ca_Desig_Chr_scaffold15945_218	Ca_desig_scaffold	218	[A/G]	NA
Ca_Desig_Chr_scaffold15945_219	Ca_desig_scaffold	219	[T/C]	NA
Ca_Desig_Chr_scaffold15945_220	Ca_desig_scaffold	220	[C/T]	NA
Ca_Desig_Chr_scaffold15945_221	Ca_desig_scaffold	221	[G/T]	NA
Ca_Desig_Chr_scaffold15945_222	Ca_desig_scaffold	222	[G/A]	NA
Ca_Desig_Chr_scaffold15945_225	Ca_desig_scaffold	225	[T/C]	NA
Ca_Desig_Chr_scaffold15945_228	Ca_desig_scaffold	228	[A/G]	NA
Ca_Desig_Chr_scaffold15945_229	Ca_desig_scaffold	229	[A/G]	NA
Ca_Desig_Chr_scaffold15945_231	Ca_desig_scaffold	231	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold15945_232	Ca_desig_scaffold	232	[A/G]	NA
Ca_Desig_Chr_scaffold15945_233	Ca_desig_scaffold	233	[A/G]	NA
Ca_Desig_Chr_scaffold15945_234	Ca_desig_scaffold	234	[T/C]	NA
Ca_Desig_Chr_scaffold15945_235	Ca_desig_scaffold	235	[A/G]	NA
Ca_Desig_Chr_scaffold15945_237	Ca_desig_scaffold	237	[T/C]	NA
Ca_Desig_Chr_scaffold15945_238	Ca_desig_scaffold	238	[A/G]	NA
Ca_Desig_Chr_scaffold15945_240	Ca_desig_scaffold	240	[G/A]	NA
Ca_Desig_Chr_scaffold15945_242	Ca_desig_scaffold	242	[A/G]	NA
Ca_Desig_Chr_scaffold15945_243	Ca_desig_scaffold	243	[T/C]	NA
Ca_Desig_Chr_scaffold15945_244	Ca_desig_scaffold	244	[T/C]	NA
Ca_Desig_Chr_scaffold15945_245	Ca_desig_scaffold	245	[T/C]	NA
Ca_Desig_Chr_scaffold15945_247	Ca_desig_scaffold	247	[A/G]	NA
Ca_Desig_Chr_scaffold15945_249	Ca_desig_scaffold	249	[T/C]	NA
Ca_Desig_Chr_scaffold15945_250	Ca_desig_scaffold	250	[T/C]	NA
Ca_Desig_Chr_scaffold15945_251	Ca_desig_scaffold	251	[T/C]	NA
Ca_Desig_Chr_scaffold15945_252	Ca_desig_scaffold	252	[G/A]	NA
Ca_Desig_Chr_scaffold15945_253	Ca_desig_scaffold	253	[C/T]	NA
Ca_Desig_Chr_scaffold15945_254	Ca_desig_scaffold	254	[T/C]	NA
Ca_Desig_Chr_scaffold15945_255	Ca_desig_scaffold	255	[T/C]	NA
Ca_Desig_Chr_scaffold15945_256	Ca_desig_scaffold	256	[T/C]	NA
Ca_Desig_Chr_scaffold15945_257	Ca_desig_scaffold	257	[A/G]	NA
Ca_Desig_Chr_scaffold15945_258	Ca_desig_scaffold	258	[T/C]	NA
Ca_Desig_Chr_scaffold15945_260	Ca_desig_scaffold	260	[G/A]	NA
Ca_Desig_Chr_scaffold15945_261	Ca_desig_scaffold	261	[T/C]	NA
Ca_Desig_Chr_scaffold15945_262	Ca_desig_scaffold	262	[A/G]	NA
Ca_Desig_Chr_scaffold15945_263	Ca_desig_scaffold	263	[T/C]	NA
Ca_Desig_Chr_scaffold15945_264	Ca_desig_scaffold	264	[A/G]	NA
Ca_Desig_Chr_scaffold15945_266	Ca_desig_scaffold	266	[T/C]	NA
Ca_Desig_Chr_scaffold15945_267	Ca_desig_scaffold	267	[T/C]	NA
Ca_Desig_Chr_scaffold15945_268	Ca_desig_scaffold	268	[T/C]	NA
Ca_Desig_Chr_scaffold15945_270	Ca_desig_scaffold	270	[T/C]	NA
Ca_Desig_Chr_scaffold15945_271	Ca_desig_scaffold	271	[A/G]	NA
Ca_Desig_Chr_scaffold15945_273	Ca_desig_scaffold	273	[A/G]	NA
Ca_Desig_Chr_scaffold15945_274	Ca_desig_scaffold	274	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold15945_312	Ca_desi_scaffold	312	[G/T]	NA
Ca_Desi_Ch_scaffold15945_313	Ca_desi_scaffold	313	[C/T]	NA
Ca_Desi_Ch_scaffold15945_314	Ca_desi_scaffold	314	[T/C]	NA
Ca_Desi_Ch_scaffold15945_315	Ca_desi_scaffold	315	[T/C]	NA
Ca_Desi_Ch_scaffold15945_316	Ca_desi_scaffold	316	[A/G]	NA
Ca_Desi_Ch_scaffold15945_317	Ca_desi_scaffold	317	[A/G]	NA
Ca_Desi_Ch_scaffold15945_318	Ca_desi_scaffold	318	[A/G]	NA
Ca_Desi_Ch_scaffold15945_319	Ca_desi_scaffold	319	[A/G]	NA
Ca_Desi_Ch_scaffold15945_320	Ca_desi_scaffold	320	[T/C]	NA
Ca_Desi_Ch_scaffold15945_321	Ca_desi_scaffold	321	[G/A]	NA
Ca_Desi_Ch_scaffold15945_322	Ca_desi_scaffold	322	[A/G]	NA
Ca_Desi_Ch_scaffold15945_323	Ca_desi_scaffold	323	[T/C]	NA
Ca_Desi_Ch_scaffold15945_324	Ca_desi_scaffold	324	[T/C]	NA
Ca_Desi_Ch_scaffold15945_325	Ca_desi_scaffold	325	[T/C]	NA
Ca_Desi_Ch_scaffold15945_326	Ca_desi_scaffold	326	[A/G]	NA
Ca_Desi_Ch_scaffold15945_327	Ca_desi_scaffold	327	[T/C]	NA
Ca_Desi_Ch_scaffold15945_328	Ca_desi_scaffold	328	[C/T]	NA
Ca_Desi_Ch_scaffold15945_329	Ca_desi_scaffold	329	[T/C]	NA
Ca_Desi_Ch_scaffold15945_330	Ca_desi_scaffold	330	[A/G]	NA
Ca_Desi_Ch_scaffold15945_331	Ca_desi_scaffold	331	[A/G]	NA
Ca_Desi_Ch_scaffold15945_332	Ca_desi_scaffold	332	[G/A]	NA
Ca_Desi_Ch_scaffold15945_333	Ca_desi_scaffold	333	[T/C]	NA
Ca_Desi_Ch_scaffold15945_334	Ca_desi_scaffold	334	[C/A]	NA
Ca_Desi_Ch_scaffold15945_335	Ca_desi_scaffold	335	[A/G]	NA
Ca_Desi_Ch_scaffold15945_336	Ca_desi_scaffold	336	[A/G]	NA
Ca_Desi_Ch_scaffold15945_337	Ca_desi_scaffold	337	[A/G]	NA
Ca_Desi_Ch_scaffold15945_338	Ca_desi_scaffold	338	[G/A]	NA
Ca_Desi_Ch_scaffold15945_339	Ca_desi_scaffold	339	[C/T]	NA
Ca_Desi_Ch_scaffold15945_340	Ca_desi_scaffold	340	[T/C]	NA
Ca_Desi_Ch_scaffold15945_341	Ca_desi_scaffold	341	[T/C]	NA
Ca_Desi_Ch_scaffold15945_342	Ca_desi_scaffold	342	[A/G]	NA
Ca_Desi_Ch_scaffold15945_343	Ca_desi_scaffold	343	[T/C]	NA
Ca_Desi_Ch_scaffold15945_344	Ca_desi_scaffold	344	[G/A]	NA
Ca_Desi_Ch_scaffold15945_345	Ca_desi_scaffold	345	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold15945_346	Ca_desig_scaffold	346	[T/C]	NA
Ca_Desig_Chr_scaffold15945_347	Ca_desig_scaffold	347	[T/C]	NA
Ca_Desig_Chr_scaffold15945_348	Ca_desig_scaffold	348	[G/T]	NA
Ca_Desig_Chr_scaffold15945_349	Ca_desig_scaffold	349	[C/T]	NA
Ca_Desig_Chr_scaffold15945_350	Ca_desig_scaffold	350	[T/C]	NA
Ca_Desig_Chr_scaffold15945_351	Ca_desig_scaffold	351	[T/C]	NA
Ca_Desig_Chr_scaffold15945_352	Ca_desig_scaffold	352	[A/G]	NA
Ca_Desig_Chr_scaffold15945_353	Ca_desig_scaffold	353	[T/C]	NA
Ca_Desig_Chr_scaffold15945_354	Ca_desig_scaffold	354	[A/G]	NA
Ca_Desig_Chr_scaffold15945_355	Ca_desig_scaffold	355	[G/A]	NA
Ca_Desig_Chr_scaffold15945_356	Ca_desig_scaffold	356	[G/A]	NA
Ca_Desig_Chr_scaffold15945_357	Ca_desig_scaffold	357	[C/T]	NA
Ca_Desig_Chr_scaffold15945_358	Ca_desig_scaffold	358	[A/G]	NA
Ca_Desig_Chr_scaffold15945_359	Ca_desig_scaffold	359	[G/A]	NA
Ca_Desig_Chr_scaffold15945_360	Ca_desig_scaffold	360	[T/G]	NA
Ca_Desig_Chr_scaffold15945_361	Ca_desig_scaffold	361	[A/G]	NA
Ca_Desig_Chr_scaffold15945_362	Ca_desig_scaffold	362	[G/A]	NA
Ca_Desig_Chr_scaffold15945_363	Ca_desig_scaffold	363	[C/T]	NA
Ca_Desig_Chr_scaffold15945_364	Ca_desig_scaffold	364	[T/C]	NA
Ca_Desig_Chr_scaffold15945_365	Ca_desig_scaffold	365	[A/G]	NA
Ca_Desig_Chr_scaffold15945_366	Ca_desig_scaffold	366	[A/G]	NA
Ca_Desig_Chr_scaffold15945_367	Ca_desig_scaffold	367	[G/A]	NA
Ca_Desig_Chr_scaffold15945_368	Ca_desig_scaffold	368	[C/T]	NA
Ca_Desig_Chr_scaffold15945_369	Ca_desig_scaffold	369	[G/A]	NA
Ca_Desig_Chr_scaffold15945_370	Ca_desig_scaffold	370	[C/T]	NA
Ca_Desig_Chr_scaffold15945_373	Ca_desig_scaffold	373	[T/A]	NA
Ca_Desig_Chr_scaffold15945_2272	Ca_desig_scaffold	2272	[A/T]	NA
Ca_Desig_Chr_scaffold15945_2275	Ca_desig_scaffold	2275	[A/G]	NA
Ca_Desig_Chr_scaffold15945_2276	Ca_desig_scaffold	2276	[A/G]	NA
Ca_Desig_Chr_scaffold15945_2278	Ca_desig_scaffold	2278	[A/G]	NA
Ca_Desig_Chr_scaffold15945_2279	Ca_desig_scaffold	2279	[T/C]	NA
Ca_Desig_Chr_scaffold15945_2280	Ca_desig_scaffold	2280	[A/G]	NA
Ca_Desig_Chr_scaffold15945_2281	Ca_desig_scaffold	2281	[G/A]	NA
Ca_Desig_Chr_scaffold15945_2282	Ca_desig_scaffold	2282	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold15945_2283	Ca_desi_scaffold	2283	[G/A]	NA
Ca_Desi_Ch_scaffold15945_2284	Ca_desi_scaffold	2284	[C/T]	NA
Ca_Desi_Ch_scaffold15945_2285	Ca_desi_scaffold	2285	[C/T]	NA
Ca_Desi_Ch_scaffold15945_2286	Ca_desi_scaffold	2286	[G/A]	NA
Ca_Desi_Ch_scaffold15945_2288	Ca_desi_scaffold	2288	[T/C]	NA
Ca_Desi_Ch_scaffold15945_2289	Ca_desi_scaffold	2289	[T/C]	NA
Ca_Desi_Ch_scaffold15945_2290	Ca_desi_scaffold	2290	[T/C]	NA
Ca_Desi_Ch_scaffold15945_2291	Ca_desi_scaffold	2291	[A/G]	NA
Ca_Desi_Ch_scaffold15945_2292	Ca_desi_scaffold	2292	[G/A]	NA
Ca_Desi_Ch_scaffold15945_2293	Ca_desi_scaffold	2293	[A/G]	NA
Ca_Desi_Ch_scaffold15945_2294	Ca_desi_scaffold	2294	[A/G]	NA
Ca_Desi_Ch_scaffold15945_2295	Ca_desi_scaffold	2295	[T/C]	NA
Ca_Desi_Ch_scaffold15945_2296	Ca_desi_scaffold	2296	[T/C]	NA
Ca_Desi_Ch_scaffold15945_2297	Ca_desi_scaffold	2297	[C/T]	NA
Ca_Desi_Ch_scaffold15945_2298	Ca_desi_scaffold	2298	[G/A]	NA
Ca_Desi_Ch_scaffold15945_2299	Ca_desi_scaffold	2299	[C/T]	NA
Ca_Desi_Ch_scaffold15945_2300	Ca_desi_scaffold	2300	[G/A]	NA
Ca_Desi_Ch_scaffold15945_2301	Ca_desi_scaffold	2301	[A/G]	NA
Ca_Desi_Ch_scaffold15945_2302	Ca_desi_scaffold	2302	[G/A]	NA
Ca_Desi_Ch_scaffold15945_2303	Ca_desi_scaffold	2303	[A/G]	NA
Ca_Desi_Ch_scaffold15945_2305	Ca_desi_scaffold	2305	[A/G]	NA
Ca_Desi_Ch_scaffold15945_2306	Ca_desi_scaffold	2306	[T/C]	NA
Ca_Desi_Ch_scaffold15945_2307	Ca_desi_scaffold	2307	[T/C]	NA
Ca_Desi_Ch_scaffold15945_2308	Ca_desi_scaffold	2308	[T/C]	NA
Ca_Desi_Ch_scaffold15945_2309	Ca_desi_scaffold	2309	[C/T]	NA
Ca_Desi_Ch_scaffold15945_2310	Ca_desi_scaffold	2310	[A/G]	NA
Ca_Desi_Ch_scaffold15945_2311	Ca_desi_scaffold	2311	[G/A]	NA
Ca_Desi_Ch_scaffold15945_2312	Ca_desi_scaffold	2312	[T/A]	NA
Ca_Desi_Ch_scaffold15945_2313	Ca_desi_scaffold	2313	[A/G]	NA
Ca_Desi_Ch_scaffold15945_2314	Ca_desi_scaffold	2314	[C/T]	NA
Ca_Desi_Ch_scaffold15945_2315	Ca_desi_scaffold	2315	[G/A]	NA
Ca_Desi_Ch_scaffold15945_2316	Ca_desi_scaffold	2316	[C/T]	NA
Ca_Desi_Ch_scaffold15945_2317	Ca_desi_scaffold	2317	[T/C]	NA
Ca_Desi_Ch_scaffold15945_2318	Ca_desi_scaffold	2318	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold15945_2319	Ca_desig_scaffold	2319	[A/G]	NA
Ca_Desig_Chr_scaffold15945_2321	Ca_desig_scaffold	2321	[T/G]	NA
Ca_Desig_Chr_scaffold15945_2323	Ca_desig_scaffold	2323	[A/G]	NA
Ca_Desig_Chr_scaffold15945_2324	Ca_desig_scaffold	2324	[A/G]	NA
Ca_Desig_Chr_scaffold15945_2325	Ca_desig_scaffold	2325	[A/G]	NA
Ca_Desig_Chr_scaffold15945_2326	Ca_desig_scaffold	2326	[C/T]	NA
Ca_Desig_Chr_scaffold15945_2327	Ca_desig_scaffold	2327	[G/A]	NA
Ca_Desig_Chr_scaffold15945_2328	Ca_desig_scaffold	2328	[G/A]	NA
Ca_Desig_Chr_scaffold15945_2329	Ca_desig_scaffold	2329	[T/G]	NA
Ca_Desig_Chr_scaffold15945_2330	Ca_desig_scaffold	2330	[C/T]	NA
Ca_Desig_Chr_scaffold15945_2331	Ca_desig_scaffold	2331	[G/A]	NA
Ca_Desig_Chr_scaffold16004_1078	Ca_desig_scaffold	1078	[T/G]	NA
Ca_Desig_Chr_scaffold16059_945	Ca_desig_scaffold	945	[A/T]	NA
Ca_Desig_Chr_scaffold16233_191	Ca_desig_scaffold	191	[A/T]	NA
Ca_Desig_Chr_scaffold16257_113	Ca_desig_scaffold	113	[T/G]	NA
Ca_Desig_Chr_scaffold16264_2023	Ca_desig_scaffold	2023	[A/G]	NA
Ca_Desig_Chr_scaffold16428_511	Ca_desig_scaffold	511	[G/A]	NA
Ca_Desig_Chr_scaffold16469_817	Ca_desig_scaffold	817	[A/G]	NA
Ca_Desig_Chr_scaffold16469_818	Ca_desig_scaffold	818	[T/C]	NA
Ca_Desig_Chr_scaffold16469_819	Ca_desig_scaffold	819	[T/C]	NA
Ca_Desig_Chr_scaffold16469_821	Ca_desig_scaffold	821	[T/C]	NA
Ca_Desig_Chr_scaffold16469_823	Ca_desig_scaffold	823	[A/G]	NA
Ca_Desig_Chr_scaffold16469_824	Ca_desig_scaffold	824	[A/G]	NA
Ca_Desig_Chr_scaffold16469_825	Ca_desig_scaffold	825	[A/G]	NA
Ca_Desig_Chr_scaffold16469_827	Ca_desig_scaffold	827	[A/G]	NA
Ca_Desig_Chr_scaffold16469_828	Ca_desig_scaffold	828	[T/C]	NA
Ca_Desig_Chr_scaffold16469_829	Ca_desig_scaffold	829	[A/G]	NA
Ca_Desig_Chr_scaffold16469_831	Ca_desig_scaffold	831	[A/G]	NA
Ca_Desig_Chr_scaffold16469_833	Ca_desig_scaffold	833	[A/G]	NA
Ca_Desig_Chr_scaffold16469_837	Ca_desig_scaffold	837	[T/C]	NA
Ca_Desig_Chr_scaffold16469_839	Ca_desig_scaffold	839	[G/A]	NA
Ca_Desig_Chr_scaffold16469_840	Ca_desig_scaffold	840	[T/G]	NA
Ca_Desig_Chr_scaffold16469_842	Ca_desig_scaffold	842	[A/G]	NA
Ca_Desig_Chr_scaffold16469_844	Ca_desig_scaffold	844	[T/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold16469_845	Ca_desig_scaffold	845	[A/G]	NA
Ca_Desig_Chr_scaffold16469_847	Ca_desig_scaffold	847	[T/C]	NA
Ca_Desig_Chr_scaffold16469_848	Ca_desig_scaffold	848	[T/C]	NA
Ca_Desig_Chr_scaffold16469_849	Ca_desig_scaffold	849	[T/C]	NA
Ca_Desig_Chr_scaffold16469_851	Ca_desig_scaffold	851	[A/G]	NA
Ca_Desig_Chr_scaffold16469_853	Ca_desig_scaffold	853	[A/G]	NA
Ca_Desig_Chr_scaffold16469_855	Ca_desig_scaffold	855	[T/C]	NA
Ca_Desig_Chr_scaffold16469_857	Ca_desig_scaffold	857	[A/G]	NA
Ca_Desig_Chr_scaffold16469_858	Ca_desig_scaffold	858	[T/C]	NA
Ca_Desig_Chr_scaffold16469_860	Ca_desig_scaffold	860	[A/G]	NA
Ca_Desig_Chr_scaffold16469_861	Ca_desig_scaffold	861	[T/C]	NA
Ca_Desig_Chr_scaffold16469_862	Ca_desig_scaffold	862	[A/G]	NA
Ca_Desig_Chr_scaffold16469_865	Ca_desig_scaffold	865	[T/C]	NA
Ca_Desig_Chr_scaffold16469_866	Ca_desig_scaffold	866	[T/C]	NA
Ca_Desig_Chr_scaffold16469_869	Ca_desig_scaffold	869	[T/C]	NA
Ca_Desig_Chr_scaffold16469_870	Ca_desig_scaffold	870	[T/C]	NA
Ca_Desig_Chr_scaffold16469_872	Ca_desig_scaffold	872	[A/G]	NA
Ca_Desig_Chr_scaffold16469_873	Ca_desig_scaffold	873	[T/C]	NA
Ca_Desig_Chr_scaffold16469_875	Ca_desig_scaffold	875	[T/C]	NA
Ca_Desig_Chr_scaffold16469_919	Ca_desig_scaffold	919	[T/C]	NA
Ca_Desig_Chr_scaffold16469_920	Ca_desig_scaffold	920	[C/T]	NA
Ca_Desig_Chr_scaffold16469_923	Ca_desig_scaffold	923	[T/C]	NA
Ca_Desig_Chr_scaffold16469_925	Ca_desig_scaffold	925	[T/C]	NA
Ca_Desig_Chr_scaffold16469_926	Ca_desig_scaffold	926	[C/T]	NA
Ca_Desig_Chr_scaffold16469_927	Ca_desig_scaffold	927	[C/T]	NA
Ca_Desig_Chr_scaffold16469_928	Ca_desig_scaffold	928	[C/T]	NA
Ca_Desig_Chr_scaffold16469_929	Ca_desig_scaffold	929	[C/T]	NA
Ca_Desig_Chr_scaffold16469_930	Ca_desig_scaffold	930	[T/C]	NA
Ca_Desig_Chr_scaffold16469_931	Ca_desig_scaffold	931	[T/C]	NA
Ca_Desig_Chr_scaffold16469_932	Ca_desig_scaffold	932	[C/T]	NA
Ca_Desig_Chr_scaffold16469_934	Ca_desig_scaffold	934	[C/T]	NA
Ca_Desig_Chr_scaffold16469_935	Ca_desig_scaffold	935	[A/G]	NA
Ca_Desig_Chr_scaffold16469_936	Ca_desig_scaffold	936	[G/A]	NA
Ca_Desig_Chr_scaffold16469_937	Ca_desig_scaffold	937	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold16469_939	Ca_desig_scaffold	939	[T/C]	NA
Ca_Desig_Chr_scaffold16469_940	Ca_desig_scaffold	940	[C/T]	NA
Ca_Desig_Chr_scaffold16469_941	Ca_desig_scaffold	941	[T/C]	NA
Ca_Desig_Chr_scaffold16469_943	Ca_desig_scaffold	943	[T/C]	NA
Ca_Desig_Chr_scaffold16469_944	Ca_desig_scaffold	944	[T/C]	NA
Ca_Desig_Chr_scaffold16469_945	Ca_desig_scaffold	945	[G/A]	NA
Ca_Desig_Chr_scaffold16469_946	Ca_desig_scaffold	946	[T/C]	NA
Ca_Desig_Chr_scaffold16469_947	Ca_desig_scaffold	947	[C/T]	NA
Ca_Desig_Chr_scaffold16469_948	Ca_desig_scaffold	948	[C/T]	NA
Ca_Desig_Chr_scaffold16469_949	Ca_desig_scaffold	949	[A/G]	NA
Ca_Desig_Chr_scaffold16469_951	Ca_desig_scaffold	951	[A/C]	NA
Ca_Desig_Chr_scaffold16469_952	Ca_desig_scaffold	952	[C/T]	NA
Ca_Desig_Chr_scaffold16469_953	Ca_desig_scaffold	953	[G/A]	NA
Ca_Desig_Chr_scaffold16469_954	Ca_desig_scaffold	954	[T/C]	NA
Ca_Desig_Chr_scaffold16469_955	Ca_desig_scaffold	955	[T/C]	NA
Ca_Desig_Chr_scaffold16469_956	Ca_desig_scaffold	956	[G/A]	NA
Ca_Desig_Chr_scaffold16469_957	Ca_desig_scaffold	957	[G/A]	NA
Ca_Desig_Chr_scaffold16469_958	Ca_desig_scaffold	958	[G/A]	NA
Ca_Desig_Chr_scaffold16469_959	Ca_desig_scaffold	959	[G/A]	NA
Ca_Desig_Chr_scaffold16469_960	Ca_desig_scaffold	960	[C/T]	NA
Ca_Desig_Chr_scaffold16469_961	Ca_desig_scaffold	961	[T/C]	NA
Ca_Desig_Chr_scaffold16469_962	Ca_desig_scaffold	962	[A/G]	NA
Ca_Desig_Chr_scaffold16469_963	Ca_desig_scaffold	963	[A/G]	NA
Ca_Desig_Chr_scaffold16469_964	Ca_desig_scaffold	964	[T/C]	NA
Ca_Desig_Chr_scaffold16469_965	Ca_desig_scaffold	965	[C/T]	NA
Ca_Desig_Chr_scaffold16469_966	Ca_desig_scaffold	966	[A/G]	NA
Ca_Desig_Chr_scaffold16469_967	Ca_desig_scaffold	967	[A/G]	NA
Ca_Desig_Chr_scaffold16469_970	Ca_desig_scaffold	970	[A/G]	NA
Ca_Desig_Chr_scaffold16469_971	Ca_desig_scaffold	971	[G/C]	NA
Ca_Desig_Chr_scaffold16469_974	Ca_desig_scaffold	974	[G/A]	NA
Ca_Desig_Chr_scaffold16469_975	Ca_desig_scaffold	975	[A/G]	NA
Ca_Desig_Chr_scaffold16469_976	Ca_desig_scaffold	976	[A/G]	NA
Ca_Desig_Chr_scaffold16557_1952	Ca_desig_scaffold	1952	[C/T]	NA
Ca_Desig_Chr_scaffold16557_2033	Ca_desig_scaffold	2033	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold16557_2080	Ca_desig_scaffold	2080	[A/C]	NA
Ca_Desig_Chr_scaffold16739_163	Ca_desig_scaffold	163	[C/G]	NA
Ca_Desig_Chr_scaffold16739_166	Ca_desig_scaffold	166	[A/C]	NA
Ca_Desig_Chr_scaffold16739_168	Ca_desig_scaffold	168	[C/T]	NA
Ca_Desig_Chr_scaffold16739_170	Ca_desig_scaffold	170	[T/C]	NA
Ca_Desig_Chr_scaffold16739_321	Ca_desig_scaffold	321	[T/C]	NA
Ca_Desig_Chr_scaffold16739_846	Ca_desig_scaffold	846	[A/C]	NA
Ca_Desig_Chr_scaffold16739_875	Ca_desig_scaffold	875	[G/A]	NA
Ca_Desig_Chr_scaffold16739_876	Ca_desig_scaffold	876	[C/T]	NA
Ca_Desig_Chr_scaffold16739_877	Ca_desig_scaffold	877	[G/A]	NA
Ca_Desig_Chr_scaffold16739_878	Ca_desig_scaffold	878	[A/G]	NA
Ca_Desig_Chr_scaffold16739_879	Ca_desig_scaffold	879	[A/G]	NA
Ca_Desig_Chr_scaffold16739_880	Ca_desig_scaffold	880	[A/G]	NA
Ca_Desig_Chr_scaffold16739_882	Ca_desig_scaffold	882	[A/G]	NA
Ca_Desig_Chr_scaffold16739_883	Ca_desig_scaffold	883	[A/G]	NA
Ca_Desig_Chr_scaffold16739_884	Ca_desig_scaffold	884	[A/G]	NA
Ca_Desig_Chr_scaffold16739_885	Ca_desig_scaffold	885	[G/A]	NA
Ca_Desig_Chr_scaffold16739_886	Ca_desig_scaffold	886	[A/G]	NA
Ca_Desig_Chr_scaffold16739_888	Ca_desig_scaffold	888	[T/C]	NA
Ca_Desig_Chr_scaffold16739_889	Ca_desig_scaffold	889	[T/C]	NA
Ca_Desig_Chr_scaffold16739_890	Ca_desig_scaffold	890	[C/T]	NA
Ca_Desig_Chr_scaffold16739_892	Ca_desig_scaffold	892	[T/C]	NA
Ca_Desig_Chr_scaffold16739_893	Ca_desig_scaffold	893	[T/C]	NA
Ca_Desig_Chr_scaffold16739_895	Ca_desig_scaffold	895	[T/C]	NA
Ca_Desig_Chr_scaffold16739_896	Ca_desig_scaffold	896	[T/C]	NA
Ca_Desig_Chr_scaffold16739_897	Ca_desig_scaffold	897	[A/G]	NA
Ca_Desig_Chr_scaffold16739_898	Ca_desig_scaffold	898	[T/C]	NA
Ca_Desig_Chr_scaffold16739_899	Ca_desig_scaffold	899	[T/C]	NA
Ca_Desig_Chr_scaffold16739_900	Ca_desig_scaffold	900	[G/A]	NA
Ca_Desig_Chr_scaffold16739_901	Ca_desig_scaffold	901	[C/T]	NA
Ca_Desig_Chr_scaffold16739_902	Ca_desig_scaffold	902	[G/A]	NA
Ca_Desig_Chr_scaffold16739_903	Ca_desig_scaffold	903	[T/C]	NA
Ca_Desig_Chr_scaffold16739_904	Ca_desig_scaffold	904	[T/C]	NA
Ca_Desig_Chr_scaffold16739_905	Ca_desig_scaffold	905	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold16739_906	Ca_desi_scaffold	906	[G/A]	NA
Ca_Desi_Ch_scaffold16739_907	Ca_desi_scaffold	907	[T/C]	NA
Ca_Desi_Ch_scaffold16739_908	Ca_desi_scaffold	908	[G/T]	NA
Ca_Desi_Ch_scaffold16739_909	Ca_desi_scaffold	909	[C/T]	NA
Ca_Desi_Ch_scaffold16739_910	Ca_desi_scaffold	910	[C/T]	NA
Ca_Desi_Ch_scaffold16739_911	Ca_desi_scaffold	911	[C/T]	NA
Ca_Desi_Ch_scaffold16739_912	Ca_desi_scaffold	912	[T/C]	NA
Ca_Desi_Ch_scaffold16739_913	Ca_desi_scaffold	913	[A/G]	NA
Ca_Desi_Ch_scaffold16739_914	Ca_desi_scaffold	914	[C/T]	NA
Ca_Desi_Ch_scaffold16739_915	Ca_desi_scaffold	915	[G/A]	NA
Ca_Desi_Ch_scaffold16739_916	Ca_desi_scaffold	916	[A/G]	NA
Ca_Desi_Ch_scaffold16739_917	Ca_desi_scaffold	917	[C/T]	NA
Ca_Desi_Ch_scaffold16739_918	Ca_desi_scaffold	918	[T/C]	NA
Ca_Desi_Ch_scaffold16739_919	Ca_desi_scaffold	919	[A/G]	NA
Ca_Desi_Ch_scaffold16739_920	Ca_desi_scaffold	920	[G/A]	NA
Ca_Desi_Ch_scaffold16739_922	Ca_desi_scaffold	922	[A/G]	NA
Ca_Desi_Ch_scaffold16739_923	Ca_desi_scaffold	923	[G/A]	NA
Ca_Desi_Ch_scaffold16739_924	Ca_desi_scaffold	924	[T/C]	NA
Ca_Desi_Ch_scaffold16739_925	Ca_desi_scaffold	925	[T/C]	NA
Ca_Desi_Ch_scaffold16739_926	Ca_desi_scaffold	926	[C/T]	NA
Ca_Desi_Ch_scaffold16739_927	Ca_desi_scaffold	927	[A/G]	NA
Ca_Desi_Ch_scaffold16739_928	Ca_desi_scaffold	928	[C/T]	NA
Ca_Desi_Ch_scaffold16739_929	Ca_desi_scaffold	929	[T/C]	NA
Ca_Desi_Ch_scaffold16739_930	Ca_desi_scaffold	930	[C/T]	NA
Ca_Desi_Ch_scaffold16739_931	Ca_desi_scaffold	931	[A/G]	NA
Ca_Desi_Ch_scaffold16739_932	Ca_desi_scaffold	932	[C/T]	NA
Ca_Desi_Ch_scaffold16739_933	Ca_desi_scaffold	933	[T/C]	NA
Ca_Desi_Ch_scaffold16739_934	Ca_desi_scaffold	934	[C/T]	NA
Ca_Desi_Ch_scaffold16739_1016	Ca_desi_scaffold	1016	[A/G]	NA
Ca_Desi_Ch_scaffold16739_1017	Ca_desi_scaffold	1017	[T/C]	NA
Ca_Desi_Ch_scaffold16739_1019	Ca_desi_scaffold	1019	[C/T]	NA
Ca_Desi_Ch_scaffold16739_1021	Ca_desi_scaffold	1021	[T/C]	NA
Ca_Desi_Ch_scaffold16739_1022	Ca_desi_scaffold	1022	[T/C]	NA
Ca_Desi_Ch_scaffold16739_1024	Ca_desi_scaffold	1024	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold16739_1025	Ca_desi_scaffold	1025	[T/C]	NA
Ca_Desi_Chromosome_scaffold16739_1026	Ca_desi_scaffold	1026	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1027	Ca_desi_scaffold	1027	[T/C]	NA
Ca_Desi_Chromosome_scaffold16739_1029	Ca_desi_scaffold	1029	[C/T]	NA
Ca_Desi_Chromosome_scaffold16739_1030	Ca_desi_scaffold	1030	[C/T]	NA
Ca_Desi_Chromosome_scaffold16739_1032	Ca_desi_scaffold	1032	[T/C]	NA
Ca_Desi_Chromosome_scaffold16739_1033	Ca_desi_scaffold	1033	[T/C]	NA
Ca_Desi_Chromosome_scaffold16739_1034	Ca_desi_scaffold	1034	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1036	Ca_desi_scaffold	1036	[G/A]	NA
Ca_Desi_Chromosome_scaffold16739_1037	Ca_desi_scaffold	1037	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1038	Ca_desi_scaffold	1038	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1039	Ca_desi_scaffold	1039	[G/A]	NA
Ca_Desi_Chromosome_scaffold16739_1040	Ca_desi_scaffold	1040	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1042	Ca_desi_scaffold	1042	[T/C]	NA
Ca_Desi_Chromosome_scaffold16739_1043	Ca_desi_scaffold	1043	[T/C]	NA
Ca_Desi_Chromosome_scaffold16739_1044	Ca_desi_scaffold	1044	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1045	Ca_desi_scaffold	1045	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1047	Ca_desi_scaffold	1047	[G/A]	NA
Ca_Desi_Chromosome_scaffold16739_1048	Ca_desi_scaffold	1048	[G/A]	NA
Ca_Desi_Chromosome_scaffold16739_1049	Ca_desi_scaffold	1049	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1050	Ca_desi_scaffold	1050	[G/T]	NA
Ca_Desi_Chromosome_scaffold16739_1051	Ca_desi_scaffold	1051	[T/C]	NA
Ca_Desi_Chromosome_scaffold16739_1052	Ca_desi_scaffold	1052	[T/C]	NA
Ca_Desi_Chromosome_scaffold16739_1053	Ca_desi_scaffold	1053	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1054	Ca_desi_scaffold	1054	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1055	Ca_desi_scaffold	1055	[C/T]	NA
Ca_Desi_Chromosome_scaffold16739_1056	Ca_desi_scaffold	1056	[C/T]	NA
Ca_Desi_Chromosome_scaffold16739_1057	Ca_desi_scaffold	1057	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1058	Ca_desi_scaffold	1058	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1059	Ca_desi_scaffold	1059	[T/C]	NA
Ca_Desi_Chromosome_scaffold16739_1061	Ca_desi_scaffold	1061	[T/C]	NA
Ca_Desi_Chromosome_scaffold16739_1063	Ca_desi_scaffold	1063	[T/C]	NA
Ca_Desi_Chromosome_scaffold16739_1064	Ca_desi_scaffold	1064	[A/G]	NA
Ca_Desi_Chromosome_scaffold16739_1065	Ca_desi_scaffold	1065	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold16739_1067	Ca_desi_scaffold	1067	[T/C]	NA
Ca_Desi_Ch_scaffold16739_1069	Ca_desi_scaffold	1069	[T/C]	NA
Ca_Desi_Ch_scaffold16739_1071	Ca_desi_scaffold	1071	[T/C]	NA
Ca_Desi_Ch_scaffold16739_1072	Ca_desi_scaffold	1072	[T/C]	NA
Ca_Desi_Ch_scaffold16739_1073	Ca_desi_scaffold	1073	[T/C]	NA
Ca_Desi_Ch_scaffold16739_1074	Ca_desi_scaffold	1074	[C/A]	NA
Ca_Desi_Ch_scaffold16739_1075	Ca_desi_scaffold	1075	[C/T]	NA
Ca_Desi_Ch_scaffold16739_1078	Ca_desi_scaffold	1078	[T/A]	NA
Ca_Desi_Ch_scaffold16739_1097	Ca_desi_scaffold	1097	[T/C]	NA
Ca_Desi_Ch_scaffold16739_1124	Ca_desi_scaffold	1124	[T/A]	NA
Ca_Desi_Ch_scaffold16739_1128	Ca_desi_scaffold	1128	[T/G]	NA
Ca_Desi_Ch_scaffold16739_1343	Ca_desi_scaffold	1343	[T/C]	NA
Ca_Desi_Ch_scaffold16815_188	Ca_desi_scaffold	188	[T/A]	NA
Ca_Desi_Ch_scaffold16815_200	Ca_desi_scaffold	200	[T/C]	NA
Ca_Desi_Ch_scaffold16815_331	Ca_desi_scaffold	331	[A/G]	NA
Ca_Desi_Ch_scaffold16815_557	Ca_desi_scaffold	557	[T/C]	NA
Ca_Desi_Ch_scaffold16815_620	Ca_desi_scaffold	620	[C/T]	NA
Ca_Desi_Ch_scaffold16815_629	Ca_desi_scaffold	629	[C/T]	NA
Ca_Desi_Ch_scaffold16815_644	Ca_desi_scaffold	644	[A/C]	NA
Ca_Desi_Ch_scaffold16815_672	Ca_desi_scaffold	672	[A/G]	NA
Ca_Desi_Ch_scaffold16815_713	Ca_desi_scaffold	713	[A/G]	NA
Ca_Desi_Ch_scaffold16854_820	Ca_desi_scaffold	820	[A/G]	NA
Ca_Desi_Ch_scaffold16854_852	Ca_desi_scaffold	852	[C/T]	NA
Ca_Desi_Ch_scaffold17378_1358	Ca_desi_scaffold	1358	[T/C]	NA
Ca_Desi_Ch_scaffold17394_1339	Ca_desi_scaffold	1339	[A/G]	NA
Ca_Desi_Ch_scaffold17394_1340	Ca_desi_scaffold	1340	[A/G]	NA
Ca_Desi_Ch_scaffold17394_1342	Ca_desi_scaffold	1342	[T/C]	NA
Ca_Desi_Ch_scaffold17394_1343	Ca_desi_scaffold	1343	[T/C]	NA
Ca_Desi_Ch_scaffold17394_1345	Ca_desi_scaffold	1345	[T/C]	NA
Ca_Desi_Ch_scaffold17394_1347	Ca_desi_scaffold	1347	[C/T]	NA
Ca_Desi_Ch_scaffold17394_1349	Ca_desi_scaffold	1349	[T/C]	NA
Ca_Desi_Ch_scaffold17394_1350	Ca_desi_scaffold	1350	[T/C]	NA
Ca_Desi_Ch_scaffold17394_1352	Ca_desi_scaffold	1352	[A/G]	NA
Ca_Desi_Ch_scaffold17394_1356	Ca_desi_scaffold	1356	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold17394_1360	Ca_desig_scaffold	1360	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1362	Ca_desig_scaffold	1362	[T/C]	NA
Ca_Desig_Chr_scaffold17394_1365	Ca_desig_scaffold	1365	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1366	Ca_desig_scaffold	1366	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1368	Ca_desig_scaffold	1368	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1369	Ca_desig_scaffold	1369	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1372	Ca_desig_scaffold	1372	[T/C]	NA
Ca_Desig_Chr_scaffold17394_1377	Ca_desig_scaffold	1377	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1379	Ca_desig_scaffold	1379	[T/C]	NA
Ca_Desig_Chr_scaffold17394_1381	Ca_desig_scaffold	1381	[T/C]	NA
Ca_Desig_Chr_scaffold17394_1385	Ca_desig_scaffold	1385	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1387	Ca_desig_scaffold	1387	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1388	Ca_desig_scaffold	1388	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1389	Ca_desig_scaffold	1389	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1391	Ca_desig_scaffold	1391	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1393	Ca_desig_scaffold	1393	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1397	Ca_desig_scaffold	1397	[T/G]	NA
Ca_Desig_Chr_scaffold17394_1398	Ca_desig_scaffold	1398	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1645	Ca_desig_scaffold	1645	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1652	Ca_desig_scaffold	1652	[T/C]	NA
Ca_Desig_Chr_scaffold17394_1656	Ca_desig_scaffold	1656	[T/C]	NA
Ca_Desig_Chr_scaffold17394_1658	Ca_desig_scaffold	1658	[T/C]	NA
Ca_Desig_Chr_scaffold17394_1662	Ca_desig_scaffold	1662	[T/C]	NA
Ca_Desig_Chr_scaffold17394_1669	Ca_desig_scaffold	1669	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1671	Ca_desig_scaffold	1671	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1673	Ca_desig_scaffold	1673	[T/C]	NA
Ca_Desig_Chr_scaffold17394_1675	Ca_desig_scaffold	1675	[T/C]	NA
Ca_Desig_Chr_scaffold17394_1696	Ca_desig_scaffold	1696	[A/G]	NA
Ca_Desig_Chr_scaffold17394_1704	Ca_desig_scaffold	1704	[A/G]	NA
Ca_Desig_Chr_scaffold17403_447	Ca_desig_scaffold	447	[C/T]	NA
Ca_Desig_Chr_scaffold17408_452	Ca_desig_scaffold	452	[T/C]	NA
Ca_Desig_Chr_scaffold17417_1751	Ca_desig_scaffold	1751	[G/C]	NA
Ca_Desig_Chr_scaffold17480_311	Ca_desig_scaffold	311	[T/C]	NA
Ca_Desig_Chr_scaffold17480_412	Ca_desig_scaffold	412	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold17524_1198	Ca_desi_scaffold	1198	[G/A]	NA
Ca_Desi_Chromosome_scaffold17524_1199	Ca_desi_scaffold	1199	[G/T]	NA
Ca_Desi_Chromosome_scaffold17524_1203	Ca_desi_scaffold	1203	[G/A]	NA
Ca_Desi_Chromosome_scaffold17524_1204	Ca_desi_scaffold	1204	[C/A]	NA
Ca_Desi_Chromosome_scaffold17524_1702	Ca_desi_scaffold	1702	[A/T]	NA
Ca_Desi_Chromosome_scaffold17524_1705	Ca_desi_scaffold	1705	[T/C]	NA
Ca_Desi_Chromosome_scaffold17524_1706	Ca_desi_scaffold	1706	[G/A]	NA
Ca_Desi_Chromosome_scaffold17524_1708	Ca_desi_scaffold	1708	[T/C]	NA
Ca_Desi_Chromosome_scaffold17524_1709	Ca_desi_scaffold	1709	[A/G]	NA
Ca_Desi_Chromosome_scaffold17524_1710	Ca_desi_scaffold	1710	[T/C]	NA
Ca_Desi_Chromosome_scaffold17524_1711	Ca_desi_scaffold	1711	[A/G]	NA
Ca_Desi_Chromosome_scaffold17524_1713	Ca_desi_scaffold	1713	[A/G]	NA
Ca_Desi_Chromosome_scaffold17524_1714	Ca_desi_scaffold	1714	[T/C]	NA
Ca_Desi_Chromosome_scaffold17524_1715	Ca_desi_scaffold	1715	[G/A]	NA
Ca_Desi_Chromosome_scaffold17524_1716	Ca_desi_scaffold	1716	[A/G]	NA
Ca_Desi_Chromosome_scaffold17524_1717	Ca_desi_scaffold	1717	[A/G]	NA
Ca_Desi_Chromosome_scaffold17524_1718	Ca_desi_scaffold	1718	[T/C]	NA
Ca_Desi_Chromosome_scaffold17524_1719	Ca_desi_scaffold	1719	[A/G]	NA
Ca_Desi_Chromosome_scaffold17524_1720	Ca_desi_scaffold	1720	[A/G]	NA
Ca_Desi_Chromosome_scaffold17524_1721	Ca_desi_scaffold	1721	[A/G]	NA
Ca_Desi_Chromosome_scaffold17524_1723	Ca_desi_scaffold	1723	[G/A]	NA
Ca_Desi_Chromosome_scaffold17524_1724	Ca_desi_scaffold	1724	[C/T]	NA
Ca_Desi_Chromosome_scaffold17524_1725	Ca_desi_scaffold	1725	[G/A]	NA
Ca_Desi_Chromosome_scaffold17524_1726	Ca_desi_scaffold	1726	[G/A]	NA
Ca_Desi_Chromosome_scaffold17524_1727	Ca_desi_scaffold	1727	[G/A]	NA
Ca_Desi_Chromosome_scaffold17524_1728	Ca_desi_scaffold	1728	[C/T]	NA
Ca_Desi_Chromosome_scaffold17524_1729	Ca_desi_scaffold	1729	[C/A]	NA
Ca_Desi_Chromosome_scaffold17524_1730	Ca_desi_scaffold	1730	[G/A]	NA
Ca_Desi_Chromosome_scaffold17524_1732	Ca_desi_scaffold	1732	[T/C]	NA
Ca_Desi_Chromosome_scaffold17524_1733	Ca_desi_scaffold	1733	[T/C]	NA
Ca_Desi_Chromosome_scaffold17524_1734	Ca_desi_scaffold	1734	[G/T]	NA
Ca_Desi_Chromosome_scaffold17524_1735	Ca_desi_scaffold	1735	[A/G]	NA
Ca_Desi_Chromosome_scaffold17524_1736	Ca_desi_scaffold	1736	[A/G]	NA
Ca_Desi_Chromosome_scaffold17524_1737	Ca_desi_scaffold	1737	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold17524_1738	Ca_desig_scaffold	1738	[G/A]	NA
Ca_Desig_Chr_scaffold17524_1739	Ca_desig_scaffold	1739	[G/A]	NA
Ca_Desig_Chr_scaffold17524_1740	Ca_desig_scaffold	1740	[G/A]	NA
Ca_Desig_Chr_scaffold17524_1741	Ca_desig_scaffold	1741	[A/G]	NA
Ca_Desig_Chr_scaffold17524_1742	Ca_desig_scaffold	1742	[C/A]	NA
Ca_Desig_Chr_scaffold17524_1744	Ca_desig_scaffold	1744	[T/C]	NA
Ca_Desig_Chr_scaffold17524_1745	Ca_desig_scaffold	1745	[A/T]	NA
Ca_Desig_Chr_scaffold17524_1746	Ca_desig_scaffold	1746	[T/C]	NA
Ca_Desig_Chr_scaffold17524_1747	Ca_desig_scaffold	1747	[T/C]	NA
Ca_Desig_Chr_scaffold17524_1748	Ca_desig_scaffold	1748	[C/T]	NA
Ca_Desig_Chr_scaffold17524_1749	Ca_desig_scaffold	1749	[T/C]	NA
Ca_Desig_Chr_scaffold17524_1750	Ca_desig_scaffold	1750	[C/T]	NA
Ca_Desig_Chr_scaffold17524_1751	Ca_desig_scaffold	1751	[T/C]	NA
Ca_Desig_Chr_scaffold17524_1752	Ca_desig_scaffold	1752	[T/C]	NA
Ca_Desig_Chr_scaffold17524_1753	Ca_desig_scaffold	1753	[A/G]	NA
Ca_Desig_Chr_scaffold17524_1754	Ca_desig_scaffold	1754	[A/G]	NA
Ca_Desig_Chr_scaffold17524_1755	Ca_desig_scaffold	1755	[T/C]	NA
Ca_Desig_Chr_scaffold17524_1756	Ca_desig_scaffold	1756	[A/G]	NA
Ca_Desig_Chr_scaffold17524_1757	Ca_desig_scaffold	1757	[G/A]	NA
Ca_Desig_Chr_scaffold17524_1758	Ca_desig_scaffold	1758	[G/A]	NA
Ca_Desig_Chr_scaffold17524_1759	Ca_desig_scaffold	1759	[C/T]	NA
Ca_Desig_Chr_scaffold17524_1760	Ca_desig_scaffold	1760	[G/A]	NA
Ca_Desig_Chr_scaffold17524_1761	Ca_desig_scaffold	1761	[G/A]	NA
Ca_Desig_Chr_scaffold17524_1762	Ca_desig_scaffold	1762	[C/A]	NA
Ca_Desig_Chr_scaffold17524_1764	Ca_desig_scaffold	1764	[A/G]	NA
Ca_Desig_Chr_scaffold17524_1902	Ca_desig_scaffold	1902	[T/A]	NA
Ca_Desig_Chr_scaffold17524_1911	Ca_desig_scaffold	1911	[A/G]	NA
Ca_Desig_Chr_scaffold17524_1922	Ca_desig_scaffold	1922	[A/G]	NA
Ca_Desig_Chr_scaffold17524_1945	Ca_desig_scaffold	1945	[A/G]	NA
Ca_Desig_Chr_scaffold17524_1953	Ca_desig_scaffold	1953	[A/G]	NA
Ca_Desig_Chr_scaffold17524_1955	Ca_desig_scaffold	1955	[A/G]	NA
Ca_Desig_Chr_scaffold17580_273	Ca_desig_scaffold	273	[C/A]	NA
Ca_Desig_Chr_scaffold17580_277	Ca_desig_scaffold	277	[A/C]	NA
Ca_Desig_Chr_scaffold17580_278	Ca_desig_scaffold	278	[C/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold17580_892	Ca_desi_scaffold	892	[A/G]	NA
Ca_Desi_Ch_scaffold17580_893	Ca_desi_scaffold	893	[G/A]	NA
Ca_Desi_Ch_scaffold17580_894	Ca_desi_scaffold	894	[T/A]	NA
Ca_Desi_Ch_scaffold17580_895	Ca_desi_scaffold	895	[A/G]	NA
Ca_Desi_Ch_scaffold17580_896	Ca_desi_scaffold	896	[A/G]	NA
Ca_Desi_Ch_scaffold17580_897	Ca_desi_scaffold	897	[T/C]	NA
Ca_Desi_Ch_scaffold17580_898	Ca_desi_scaffold	898	[T/C]	NA
Ca_Desi_Ch_scaffold17580_900	Ca_desi_scaffold	900	[T/C]	NA
Ca_Desi_Ch_scaffold17580_901	Ca_desi_scaffold	901	[T/C]	NA
Ca_Desi_Ch_scaffold17580_902	Ca_desi_scaffold	902	[T/C]	NA
Ca_Desi_Ch_scaffold17580_903	Ca_desi_scaffold	903	[G/A]	NA
Ca_Desi_Ch_scaffold17580_905	Ca_desi_scaffold	905	[A/G]	NA
Ca_Desi_Ch_scaffold17580_906	Ca_desi_scaffold	906	[A/G]	NA
Ca_Desi_Ch_scaffold17580_907	Ca_desi_scaffold	907	[A/G]	NA
Ca_Desi_Ch_scaffold17580_908	Ca_desi_scaffold	908	[A/G]	NA
Ca_Desi_Ch_scaffold17580_909	Ca_desi_scaffold	909	[G/A]	NA
Ca_Desi_Ch_scaffold17580_910	Ca_desi_scaffold	910	[C/T]	NA
Ca_Desi_Ch_scaffold17580_911	Ca_desi_scaffold	911	[C/T]	NA
Ca_Desi_Ch_scaffold17580_912	Ca_desi_scaffold	912	[C/T]	NA
Ca_Desi_Ch_scaffold17580_913	Ca_desi_scaffold	913	[G/A]	NA
Ca_Desi_Ch_scaffold17580_914	Ca_desi_scaffold	914	[G/A]	NA
Ca_Desi_Ch_scaffold17580_915	Ca_desi_scaffold	915	[T/C]	NA
Ca_Desi_Ch_scaffold17580_916	Ca_desi_scaffold	916	[T/C]	NA
Ca_Desi_Ch_scaffold17580_917	Ca_desi_scaffold	917	[C/T]	NA
Ca_Desi_Ch_scaffold17580_918	Ca_desi_scaffold	918	[T/C]	NA
Ca_Desi_Ch_scaffold17580_919	Ca_desi_scaffold	919	[C/T]	NA
Ca_Desi_Ch_scaffold17580_920	Ca_desi_scaffold	920	[T/C]	NA
Ca_Desi_Ch_scaffold17580_921	Ca_desi_scaffold	921	[T/C]	NA
Ca_Desi_Ch_scaffold17580_922	Ca_desi_scaffold	922	[T/C]	NA
Ca_Desi_Ch_scaffold17580_924	Ca_desi_scaffold	924	[T/C]	NA
Ca_Desi_Ch_scaffold17580_925	Ca_desi_scaffold	925	[A/G]	NA
Ca_Desi_Ch_scaffold17580_926	Ca_desi_scaffold	926	[T/C]	NA
Ca_Desi_Ch_scaffold17580_927	Ca_desi_scaffold	927	[T/C]	NA
Ca_Desi_Ch_scaffold17580_928	Ca_desi_scaffold	928	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold17580_929	Ca_desig_scaffold	929	[G/A]	NA
Ca_Desig_Chr_scaffold17580_930	Ca_desig_scaffold	930	[A/G]	NA
Ca_Desig_Chr_scaffold17580_931	Ca_desig_scaffold	931	[G/A]	NA
Ca_Desig_Chr_scaffold17580_932	Ca_desig_scaffold	932	[C/T]	NA
Ca_Desig_Chr_scaffold17580_933	Ca_desig_scaffold	933	[T/C]	NA
Ca_Desig_Chr_scaffold17580_934	Ca_desig_scaffold	934	[T/C]	NA
Ca_Desig_Chr_scaffold17580_935	Ca_desig_scaffold	935	[T/C]	NA
Ca_Desig_Chr_scaffold17580_936	Ca_desig_scaffold	936	[C/T]	NA
Ca_Desig_Chr_scaffold17580_937	Ca_desig_scaffold	937	[A/G]	NA
Ca_Desig_Chr_scaffold17580_938	Ca_desig_scaffold	938	[T/C]	NA
Ca_Desig_Chr_scaffold17580_939	Ca_desig_scaffold	939	[T/C]	NA
Ca_Desig_Chr_scaffold17580_940	Ca_desig_scaffold	940	[C/T]	NA
Ca_Desig_Chr_scaffold17580_941	Ca_desig_scaffold	941	[C/T]	NA
Ca_Desig_Chr_scaffold17580_942	Ca_desig_scaffold	942	[T/C]	NA
Ca_Desig_Chr_scaffold17580_943	Ca_desig_scaffold	943	[A/G]	NA
Ca_Desig_Chr_scaffold17580_944	Ca_desig_scaffold	944	[A/G]	NA
Ca_Desig_Chr_scaffold17580_945	Ca_desig_scaffold	945	[A/G]	NA
Ca_Desig_Chr_scaffold17580_946	Ca_desig_scaffold	946	[T/C]	NA
Ca_Desig_Chr_scaffold17580_947	Ca_desig_scaffold	947	[C/A]	NA
Ca_Desig_Chr_scaffold17580_948	Ca_desig_scaffold	948	[C/A]	NA
Ca_Desig_Chr_scaffold17580_949	Ca_desig_scaffold	949	[A/G]	NA
Ca_Desig_Chr_scaffold17580_950	Ca_desig_scaffold	950	[C/T]	NA
Ca_Desig_Chr_scaffold17580_976	Ca_desig_scaffold	976	[C/G]	NA
Ca_Desig_Chr_scaffold17580_977	Ca_desig_scaffold	977	[A/G]	NA
Ca_Desig_Chr_scaffold17580_978	Ca_desig_scaffold	978	[C/T]	NA
Ca_Desig_Chr_scaffold17580_979	Ca_desig_scaffold	979	[C/G]	NA
Ca_Desig_Chr_scaffold17580_980	Ca_desig_scaffold	980	[A/G]	NA
Ca_Desig_Chr_scaffold17580_981	Ca_desig_scaffold	981	[A/G]	NA
Ca_Desig_Chr_scaffold17580_982	Ca_desig_scaffold	982	[T/C]	NA
Ca_Desig_Chr_scaffold17580_983	Ca_desig_scaffold	983	[A/G]	NA
Ca_Desig_Chr_scaffold17580_985	Ca_desig_scaffold	985	[A/G]	NA
Ca_Desig_Chr_scaffold17580_986	Ca_desig_scaffold	986	[T/C]	NA
Ca_Desig_Chr_scaffold17580_987	Ca_desig_scaffold	987	[A/G]	NA
Ca_Desig_Chr_scaffold17580_988	Ca_desig_scaffold	988	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold17580_989	Ca_desi_scaffold	989	[A/G]	NA
Ca_Desi_Ch_scaffold17580_990	Ca_desi_scaffold	990	[G/A]	NA
Ca_Desi_Ch_scaffold17580_991	Ca_desi_scaffold	991	[A/G]	NA
Ca_Desi_Ch_scaffold17580_992	Ca_desi_scaffold	992	[C/A]	NA
Ca_Desi_Ch_scaffold17580_993	Ca_desi_scaffold	993	[A/G]	NA
Ca_Desi_Ch_scaffold17580_994	Ca_desi_scaffold	994	[A/G]	NA
Ca_Desi_Ch_scaffold17580_995	Ca_desi_scaffold	995	[A/G]	NA
Ca_Desi_Ch_scaffold17580_996	Ca_desi_scaffold	996	[T/C]	NA
Ca_Desi_Ch_scaffold17580_997	Ca_desi_scaffold	997	[G/A]	NA
Ca_Desi_Ch_scaffold17580_998	Ca_desi_scaffold	998	[G/A]	NA
Ca_Desi_Ch_scaffold17580_999	Ca_desi_scaffold	999	[G/A]	NA
Ca_Desi_Ch_scaffold17580_1000	Ca_desi_scaffold	1000	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1001	Ca_desi_scaffold	1001	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1002	Ca_desi_scaffold	1002	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1003	Ca_desi_scaffold	1003	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1004	Ca_desi_scaffold	1004	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1005	Ca_desi_scaffold	1005	[C/T]	NA
Ca_Desi_Ch_scaffold17580_1006	Ca_desi_scaffold	1006	[C/T]	NA
Ca_Desi_Ch_scaffold17580_1007	Ca_desi_scaffold	1007	[G/A]	NA
Ca_Desi_Ch_scaffold17580_1008	Ca_desi_scaffold	1008	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1009	Ca_desi_scaffold	1009	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1010	Ca_desi_scaffold	1010	[C/T]	NA
Ca_Desi_Ch_scaffold17580_1012	Ca_desi_scaffold	1012	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1013	Ca_desi_scaffold	1013	[C/T]	NA
Ca_Desi_Ch_scaffold17580_1014	Ca_desi_scaffold	1014	[G/A]	NA
Ca_Desi_Ch_scaffold17580_1015	Ca_desi_scaffold	1015	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1017	Ca_desi_scaffold	1017	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1018	Ca_desi_scaffold	1018	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1019	Ca_desi_scaffold	1019	[C/A]	NA
Ca_Desi_Ch_scaffold17580_1020	Ca_desi_scaffold	1020	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1021	Ca_desi_scaffold	1021	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1022	Ca_desi_scaffold	1022	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1023	Ca_desi_scaffold	1023	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1024	Ca_desi_scaffold	1024	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold17580_1025	Ca_desi_scaffold	1025	[G/A]	NA
Ca_Desi_Ch_scaffold17580_1027	Ca_desi_scaffold	1027	[C/T]	NA
Ca_Desi_Ch_scaffold17580_1028	Ca_desi_scaffold	1028	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1029	Ca_desi_scaffold	1029	[G/A]	NA
Ca_Desi_Ch_scaffold17580_1030	Ca_desi_scaffold	1030	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1031	Ca_desi_scaffold	1031	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1033	Ca_desi_scaffold	1033	[C/T]	NA
Ca_Desi_Ch_scaffold17580_1034	Ca_desi_scaffold	1034	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1035	Ca_desi_scaffold	1035	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1036	Ca_desi_scaffold	1036	[G/A]	NA
Ca_Desi_Ch_scaffold17580_1037	Ca_desi_scaffold	1037	[C/A]	NA
Ca_Desi_Ch_scaffold17580_1041	Ca_desi_scaffold	1041	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1043	Ca_desi_scaffold	1043	[C/T]	NA
Ca_Desi_Ch_scaffold17580_1045	Ca_desi_scaffold	1045	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1047	Ca_desi_scaffold	1047	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1049	Ca_desi_scaffold	1049	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1050	Ca_desi_scaffold	1050	[G/A]	NA
Ca_Desi_Ch_scaffold17580_1054	Ca_desi_scaffold	1054	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1057	Ca_desi_scaffold	1057	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1059	Ca_desi_scaffold	1059	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1067	Ca_desi_scaffold	1067	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1070	Ca_desi_scaffold	1070	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1077	Ca_desi_scaffold	1077	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1088	Ca_desi_scaffold	1088	[G/A]	NA
Ca_Desi_Ch_scaffold17580_1098	Ca_desi_scaffold	1098	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1100	Ca_desi_scaffold	1100	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1278	Ca_desi_scaffold	1278	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1281	Ca_desi_scaffold	1281	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1283	Ca_desi_scaffold	1283	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1284	Ca_desi_scaffold	1284	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1288	Ca_desi_scaffold	1288	[T/C]	NA
Ca_Desi_Ch_scaffold17580_1297	Ca_desi_scaffold	1297	[A/G]	NA
Ca_Desi_Ch_scaffold17580_1299	Ca_desi_scaffold	1299	[T/G]	NA
Ca_Desi_Ch_scaffold17580_1302	Ca_desi_scaffold	1302	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_scaffold17580_1305	Ca_desi_scaffold	1305	[A/G]	NA
Ca_Desi_Chr_scaffold17580_1308	Ca_desi_scaffold	1308	[A/G]	NA
Ca_Desi_Chr_scaffold17580_1311	Ca_desi_scaffold	1311	[A/G]	NA
Ca_Desi_Chr_scaffold17580_1319	Ca_desi_scaffold	1319	[T/C]	NA
Ca_Desi_Chr_scaffold17580_1322	Ca_desi_scaffold	1322	[C/T]	NA
Ca_Desi_Chr_scaffold17580_1326	Ca_desi_scaffold	1326	[T/A]	NA
Ca_Desi_Chr_scaffold17612_1800	Ca_desi_scaffold	1800	[G/A]	NA
Ca_Desi_Chr_scaffold17626_1205	Ca_desi_scaffold	1205	[T/C]	NA
Ca_Desi_Chr_scaffold17626_1210	Ca_desi_scaffold	1210	[G/C]	NA
Ca_Desi_Chr_scaffold17626_1236	Ca_desi_scaffold	1236	[T/C]	NA
Ca_Desi_Chr_scaffold17720_1141	Ca_desi_scaffold	1141	[T/C]	NA
Ca_Desi_Chr_scaffold17720_1145	Ca_desi_scaffold	1145	[T/C]	NA
Ca_Desi_Chr_scaffold17720_1155	Ca_desi_scaffold	1155	[A/C]	NA
Ca_Desi_Chr_scaffold17872_1506	Ca_desi_scaffold	1506	[G/A]	NA
Ca_Desi_Chr_scaffold17872_1509	Ca_desi_scaffold	1509	[C/A]	NA
Ca_Desi_Chr_scaffold17872_1510	Ca_desi_scaffold	1510	[A/G]	NA
Ca_Desi_Chr_scaffold17872_1511	Ca_desi_scaffold	1511	[A/C]	NA
Ca_Desi_Chr_scaffold17872_1533	Ca_desi_scaffold	1533	[A/G]	NA
Ca_Desi_Chr_scaffold17872_1545	Ca_desi_scaffold	1545	[C/T]	NA
Ca_Desi_Chr_scaffold17872_1560	Ca_desi_scaffold	1560	[T/G]	NA
Ca_Desi_Chr_scaffold17872_1563	Ca_desi_scaffold	1563	[T/G]	NA
Ca_Desi_Chr_scaffold17943_458	Ca_desi_scaffold	458	[T/C]	NA
Ca_Desi_Chr_scaffold17972_610	Ca_desi_scaffold	610	[A/C]	NA
Ca_Desi_Chr_scaffold17972_648	Ca_desi_scaffold	648	[T/A]	NA
Ca_Desi_Chr_scaffold17972_651	Ca_desi_scaffold	651	[T/C]	NA
Ca_Desi_Chr_scaffold17972_652	Ca_desi_scaffold	652	[G/A]	NA
Ca_Desi_Chr_scaffold17972_653	Ca_desi_scaffold	653	[G/A]	NA
Ca_Desi_Chr_scaffold17972_654	Ca_desi_scaffold	654	[A/G]	NA
Ca_Desi_Chr_scaffold17972_655	Ca_desi_scaffold	655	[A/T]	NA
Ca_Desi_Chr_scaffold17972_656	Ca_desi_scaffold	656	[C/A]	NA
Ca_Desi_Chr_scaffold17972_658	Ca_desi_scaffold	658	[A/G]	NA
Ca_Desi_Chr_scaffold17972_660	Ca_desi_scaffold	660	[A/G]	NA
Ca_Desi_Chr_scaffold17972_661	Ca_desi_scaffold	661	[G/A]	NA
Ca_Desi_Chr_scaffold17972_662	Ca_desi_scaffold	662	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold17972_663	Ca_desi_scaffold	663	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_664	Ca_desi_scaffold	664	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_665	Ca_desi_scaffold	665	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_666	Ca_desi_scaffold	666	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_667	Ca_desi_scaffold	667	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_668	Ca_desi_scaffold	668	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_669	Ca_desi_scaffold	669	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_670	Ca_desi_scaffold	670	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_671	Ca_desi_scaffold	671	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_672	Ca_desi_scaffold	672	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_673	Ca_desi_scaffold	673	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_674	Ca_desi_scaffold	674	[G/C]	NA
Ca_Desi_Chromosome_scaffold17972_675	Ca_desi_scaffold	675	[C/T]	NA
Ca_Desi_Chromosome_scaffold17972_676	Ca_desi_scaffold	676	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_677	Ca_desi_scaffold	677	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_678	Ca_desi_scaffold	678	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_679	Ca_desi_scaffold	679	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_680	Ca_desi_scaffold	680	[C/A]	NA
Ca_Desi_Chromosome_scaffold17972_681	Ca_desi_scaffold	681	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_682	Ca_desi_scaffold	682	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_683	Ca_desi_scaffold	683	[C/T]	NA
Ca_Desi_Chromosome_scaffold17972_684	Ca_desi_scaffold	684	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_686	Ca_desi_scaffold	686	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_687	Ca_desi_scaffold	687	[C/T]	NA
Ca_Desi_Chromosome_scaffold17972_688	Ca_desi_scaffold	688	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_690	Ca_desi_scaffold	690	[C/T]	NA
Ca_Desi_Chromosome_scaffold17972_691	Ca_desi_scaffold	691	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_693	Ca_desi_scaffold	693	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_696	Ca_desi_scaffold	696	[A/T]	NA
Ca_Desi_Chromosome_scaffold17972_1086	Ca_desi_scaffold	1086	[T/A]	NA
Ca_Desi_Chromosome_scaffold17972_1138	Ca_desi_scaffold	1138	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_1155	Ca_desi_scaffold	1155	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_1158	Ca_desi_scaffold	1158	[T/A]	NA
Ca_Desi_Chromosome_scaffold17972_1402	Ca_desi_scaffold	1402	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold17972_1427	Ca_desig_scaffold	1427	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1443	Ca_desig_scaffold	1443	[C/T]	NA
Ca_Desig_Chr_scaffold17972_1444	Ca_desig_scaffold	1444	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1445	Ca_desig_scaffold	1445	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1446	Ca_desig_scaffold	1446	[G/A]	NA
Ca_Desig_Chr_scaffold17972_1447	Ca_desig_scaffold	1447	[C/T]	NA
Ca_Desig_Chr_scaffold17972_1448	Ca_desig_scaffold	1448	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1449	Ca_desig_scaffold	1449	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1450	Ca_desig_scaffold	1450	[C/T]	NA
Ca_Desig_Chr_scaffold17972_1451	Ca_desig_scaffold	1451	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1453	Ca_desig_scaffold	1453	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1454	Ca_desig_scaffold	1454	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1455	Ca_desig_scaffold	1455	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1456	Ca_desig_scaffold	1456	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1458	Ca_desig_scaffold	1458	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1459	Ca_desig_scaffold	1459	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1460	Ca_desig_scaffold	1460	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1463	Ca_desig_scaffold	1463	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1466	Ca_desig_scaffold	1466	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1468	Ca_desig_scaffold	1468	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1469	Ca_desig_scaffold	1469	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1470	Ca_desig_scaffold	1470	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1471	Ca_desig_scaffold	1471	[G/A]	NA
Ca_Desig_Chr_scaffold17972_1472	Ca_desig_scaffold	1472	[G/A]	NA
Ca_Desig_Chr_scaffold17972_1473	Ca_desig_scaffold	1473	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1474	Ca_desig_scaffold	1474	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1476	Ca_desig_scaffold	1476	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1478	Ca_desig_scaffold	1478	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1479	Ca_desig_scaffold	1479	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1480	Ca_desig_scaffold	1480	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1481	Ca_desig_scaffold	1481	[C/A]	NA
Ca_Desig_Chr_scaffold17972_1482	Ca_desig_scaffold	1482	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1483	Ca_desig_scaffold	1483	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1485	Ca_desig_scaffold	1485	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold17972_1486	Ca_desi_scaffold	1486	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_1487	Ca_desi_scaffold	1487	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_1488	Ca_desi_scaffold	1488	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_1489	Ca_desi_scaffold	1489	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_1491	Ca_desi_scaffold	1491	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_1492	Ca_desi_scaffold	1492	[C/A]	NA
Ca_Desi_Chromosome_scaffold17972_1493	Ca_desi_scaffold	1493	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_1495	Ca_desi_scaffold	1495	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_1496	Ca_desi_scaffold	1496	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_1498	Ca_desi_scaffold	1498	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_1500	Ca_desi_scaffold	1500	[C/T]	NA
Ca_Desi_Chromosome_scaffold17972_1501	Ca_desi_scaffold	1501	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_1578	Ca_desi_scaffold	1578	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_1580	Ca_desi_scaffold	1580	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_1581	Ca_desi_scaffold	1581	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_1582	Ca_desi_scaffold	1582	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_1583	Ca_desi_scaffold	1583	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_1584	Ca_desi_scaffold	1584	[C/T]	NA
Ca_Desi_Chromosome_scaffold17972_1585	Ca_desi_scaffold	1585	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_1586	Ca_desi_scaffold	1586	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_1588	Ca_desi_scaffold	1588	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_1589	Ca_desi_scaffold	1589	[C/A]	NA
Ca_Desi_Chromosome_scaffold17972_1590	Ca_desi_scaffold	1590	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_1591	Ca_desi_scaffold	1591	[T/C]	NA
Ca_Desi_Chromosome_scaffold17972_1592	Ca_desi_scaffold	1592	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_1593	Ca_desi_scaffold	1593	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_1594	Ca_desi_scaffold	1594	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_1595	Ca_desi_scaffold	1595	[C/T]	NA
Ca_Desi_Chromosome_scaffold17972_1596	Ca_desi_scaffold	1596	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_1598	Ca_desi_scaffold	1598	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_1599	Ca_desi_scaffold	1599	[A/G]	NA
Ca_Desi_Chromosome_scaffold17972_1600	Ca_desi_scaffold	1600	[G/A]	NA
Ca_Desi_Chromosome_scaffold17972_1601	Ca_desi_scaffold	1601	[C/G]	NA
Ca_Desi_Chromosome_scaffold17972_1602	Ca_desi_scaffold	1602	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold17972_1603	Ca_desig_scaffold	1603	[G/A]	NA
Ca_Desig_Chr_scaffold17972_1604	Ca_desig_scaffold	1604	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1605	Ca_desig_scaffold	1605	[C/T]	NA
Ca_Desig_Chr_scaffold17972_1606	Ca_desig_scaffold	1606	[G/A]	NA
Ca_Desig_Chr_scaffold17972_1607	Ca_desig_scaffold	1607	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1608	Ca_desig_scaffold	1608	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1609	Ca_desig_scaffold	1609	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1610	Ca_desig_scaffold	1610	[C/T]	NA
Ca_Desig_Chr_scaffold17972_1611	Ca_desig_scaffold	1611	[C/T]	NA
Ca_Desig_Chr_scaffold17972_1613	Ca_desig_scaffold	1613	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1614	Ca_desig_scaffold	1614	[C/T]	NA
Ca_Desig_Chr_scaffold17972_1616	Ca_desig_scaffold	1616	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1617	Ca_desig_scaffold	1617	[C/T]	NA
Ca_Desig_Chr_scaffold17972_1618	Ca_desig_scaffold	1618	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1619	Ca_desig_scaffold	1619	[C/T]	NA
Ca_Desig_Chr_scaffold17972_1620	Ca_desig_scaffold	1620	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1623	Ca_desig_scaffold	1623	[C/T]	NA
Ca_Desig_Chr_scaffold17972_1625	Ca_desig_scaffold	1625	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1626	Ca_desig_scaffold	1626	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1627	Ca_desig_scaffold	1627	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1628	Ca_desig_scaffold	1628	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1629	Ca_desig_scaffold	1629	[C/T]	NA
Ca_Desig_Chr_scaffold17972_1631	Ca_desig_scaffold	1631	[G/A]	NA
Ca_Desig_Chr_scaffold17972_1633	Ca_desig_scaffold	1633	[G/A]	NA
Ca_Desig_Chr_scaffold17972_1634	Ca_desig_scaffold	1634	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1635	Ca_desig_scaffold	1635	[A/G]	NA
Ca_Desig_Chr_scaffold17972_1636	Ca_desig_scaffold	1636	[T/C]	NA
Ca_Desig_Chr_scaffold17972_1637	Ca_desig_scaffold	1637	[G/A]	NA
Ca_Desig_Chr_scaffold17972_1668	Ca_desig_scaffold	1668	[T/G]	NA
Ca_Desig_Chr_scaffold18179_62	Ca_desig_scaffold	62	[G/A]	NA
Ca_Desig_Chr_scaffold18194_534	Ca_desig_scaffold	534	[G/C]	NA
Ca_Desig_Chr_scaffold18221_1870	Ca_desig_scaffold	1870	[C/A]	NA
Ca_Desig_Chr_scaffold18230_477	Ca_desig_scaffold	477	[G/T]	NA
Ca_Desig_Chr_scaffold18334_122	Ca_desig_scaffold	122	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold18424_317	Ca_desi_scaffold	317	[T/C]	NA
Ca_Desi_Ch_scaffold18424_318	Ca_desi_scaffold	318	[A/G]	NA
Ca_Desi_Ch_scaffold18424_319	Ca_desi_scaffold	319	[A/G]	NA
Ca_Desi_Ch_scaffold18424_321	Ca_desi_scaffold	321	[G/A]	NA
Ca_Desi_Ch_scaffold18424_322	Ca_desi_scaffold	322	[A/G]	NA
Ca_Desi_Ch_scaffold18424_323	Ca_desi_scaffold	323	[A/G]	NA
Ca_Desi_Ch_scaffold18424_324	Ca_desi_scaffold	324	[C/T]	NA
Ca_Desi_Ch_scaffold18424_326	Ca_desi_scaffold	326	[T/C]	NA
Ca_Desi_Ch_scaffold18424_327	Ca_desi_scaffold	327	[T/C]	NA
Ca_Desi_Ch_scaffold18424_328	Ca_desi_scaffold	328	[A/G]	NA
Ca_Desi_Ch_scaffold18424_329	Ca_desi_scaffold	329	[G/A]	NA
Ca_Desi_Ch_scaffold18424_330	Ca_desi_scaffold	330	[A/G]	NA
Ca_Desi_Ch_scaffold18424_331	Ca_desi_scaffold	331	[A/G]	NA
Ca_Desi_Ch_scaffold18424_332	Ca_desi_scaffold	332	[T/C]	NA
Ca_Desi_Ch_scaffold18424_333	Ca_desi_scaffold	333	[T/C]	NA
Ca_Desi_Ch_scaffold18424_334	Ca_desi_scaffold	334	[A/G]	NA
Ca_Desi_Ch_scaffold18424_335	Ca_desi_scaffold	335	[A/C]	NA
Ca_Desi_Ch_scaffold18424_336	Ca_desi_scaffold	336	[C/T]	NA
Ca_Desi_Ch_scaffold18424_337	Ca_desi_scaffold	337	[C/T]	NA
Ca_Desi_Ch_scaffold18424_338	Ca_desi_scaffold	338	[C/T]	NA
Ca_Desi_Ch_scaffold18424_339	Ca_desi_scaffold	339	[T/C]	NA
Ca_Desi_Ch_scaffold18424_341	Ca_desi_scaffold	341	[C/T]	NA
Ca_Desi_Ch_scaffold18424_342	Ca_desi_scaffold	342	[C/T]	NA
Ca_Desi_Ch_scaffold18424_343	Ca_desi_scaffold	343	[T/C]	NA
Ca_Desi_Ch_scaffold18424_344	Ca_desi_scaffold	344	[G/A]	NA
Ca_Desi_Ch_scaffold18424_345	Ca_desi_scaffold	345	[T/C]	NA
Ca_Desi_Ch_scaffold18424_346	Ca_desi_scaffold	346	[C/T]	NA
Ca_Desi_Ch_scaffold18424_347	Ca_desi_scaffold	347	[G/A]	NA
Ca_Desi_Ch_scaffold18424_348	Ca_desi_scaffold	348	[A/G]	NA
Ca_Desi_Ch_scaffold18424_349	Ca_desi_scaffold	349	[T/C]	NA
Ca_Desi_Ch_scaffold18424_351	Ca_desi_scaffold	351	[A/G]	NA
Ca_Desi_Ch_scaffold18424_352	Ca_desi_scaffold	352	[A/G]	NA
Ca_Desi_Ch_scaffold18424_353	Ca_desi_scaffold	353	[A/G]	NA
Ca_Desi_Ch_scaffold18424_354	Ca_desi_scaffold	354	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold18424_355	Ca_desi_scaffold	355	[A/G]	NA
Ca_Desi_Ch_scaffold18424_358	Ca_desi_scaffold	358	[A/G]	NA
Ca_Desi_Ch_scaffold18424_359	Ca_desi_scaffold	359	[G/A]	NA
Ca_Desi_Ch_scaffold18424_361	Ca_desi_scaffold	361	[A/G]	NA
Ca_Desi_Ch_scaffold18424_362	Ca_desi_scaffold	362	[T/C]	NA
Ca_Desi_Ch_scaffold18424_363	Ca_desi_scaffold	363	[T/C]	NA
Ca_Desi_Ch_scaffold18424_364	Ca_desi_scaffold	364	[T/C]	NA
Ca_Desi_Ch_scaffold18424_365	Ca_desi_scaffold	365	[G/A]	NA
Ca_Desi_Ch_scaffold18424_366	Ca_desi_scaffold	366	[A/G]	NA
Ca_Desi_Ch_scaffold18424_367	Ca_desi_scaffold	367	[G/A]	NA
Ca_Desi_Ch_scaffold18424_368	Ca_desi_scaffold	368	[A/G]	NA
Ca_Desi_Ch_scaffold18424_369	Ca_desi_scaffold	369	[G/A]	NA
Ca_Desi_Ch_scaffold18424_370	Ca_desi_scaffold	370	[G/A]	NA
Ca_Desi_Ch_scaffold18424_371	Ca_desi_scaffold	371	[A/G]	NA
Ca_Desi_Ch_scaffold18424_372	Ca_desi_scaffold	372	[G/A]	NA
Ca_Desi_Ch_scaffold18424_373	Ca_desi_scaffold	373	[T/C]	NA
Ca_Desi_Ch_scaffold18424_374	Ca_desi_scaffold	374	[G/A]	NA
Ca_Desi_Ch_scaffold18424_375	Ca_desi_scaffold	375	[A/G]	NA
Ca_Desi_Ch_scaffold18424_376	Ca_desi_scaffold	376	[A/G]	NA
Ca_Desi_Ch_scaffold18424_379	Ca_desi_scaffold	379	[T/A]	NA
Ca_Desi_Ch_scaffold18445_1446	Ca_desi_scaffold	1446	[T/C]	NA
Ca_Desi_Ch_scaffold18445_1452	Ca_desi_scaffold	1452	[T/G]	NA
Ca_Desi_Ch_scaffold18455_368	Ca_desi_scaffold	368	[G/A]	NA
Ca_Desi_Ch_scaffold18455_373	Ca_desi_scaffold	373	[T/C]	NA
Ca_Desi_Ch_scaffold18455_383	Ca_desi_scaffold	383	[A/G]	NA
Ca_Desi_Ch_scaffold18455_388	Ca_desi_scaffold	388	[T/C]	NA
Ca_Desi_Ch_scaffold18455_389	Ca_desi_scaffold	389	[T/C]	NA
Ca_Desi_Ch_scaffold18455_393	Ca_desi_scaffold	393	[T/C]	NA
Ca_Desi_Ch_scaffold18455_395	Ca_desi_scaffold	395	[T/C]	NA
Ca_Desi_Ch_scaffold18455_399	Ca_desi_scaffold	399	[T/C]	NA
Ca_Desi_Ch_scaffold18455_400	Ca_desi_scaffold	400	[A/G]	NA
Ca_Desi_Ch_scaffold18455_402	Ca_desi_scaffold	402	[A/G]	NA
Ca_Desi_Ch_scaffold18455_403	Ca_desi_scaffold	403	[T/C]	NA
Ca_Desi_Ch_scaffold18455_404	Ca_desi_scaffold	404	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold18455_406	Ca_desig_scaffold	406	[A/G]	NA
Ca_Desig_Chr_scaffold18455_410	Ca_desig_scaffold	410	[A/G]	NA
Ca_Desig_Chr_scaffold18455_411	Ca_desig_scaffold	411	[A/G]	NA
Ca_Desig_Chr_scaffold18455_415	Ca_desig_scaffold	415	[A/G]	NA
Ca_Desig_Chr_scaffold18455_417	Ca_desig_scaffold	417	[A/G]	NA
Ca_Desig_Chr_scaffold18455_418	Ca_desig_scaffold	418	[A/G]	NA
Ca_Desig_Chr_scaffold18455_421	Ca_desig_scaffold	421	[C/A]	NA
Ca_Desig_Chr_scaffold18455_442	Ca_desig_scaffold	442	[T/G]	NA
Ca_Desig_Chr_scaffold18455_600	Ca_desig_scaffold	600	[G/T]	NA
Ca_Desig_Chr_scaffold18455_601	Ca_desig_scaffold	601	[A/G]	NA
Ca_Desig_Chr_scaffold18455_603	Ca_desig_scaffold	603	[A/G]	NA
Ca_Desig_Chr_scaffold18455_605	Ca_desig_scaffold	605	[A/G]	NA
Ca_Desig_Chr_scaffold18455_607	Ca_desig_scaffold	607	[T/C]	NA
Ca_Desig_Chr_scaffold18455_613	Ca_desig_scaffold	613	[T/C]	NA
Ca_Desig_Chr_scaffold18455_617	Ca_desig_scaffold	617	[A/G]	NA
Ca_Desig_Chr_scaffold18455_618	Ca_desig_scaffold	618	[T/C]	NA
Ca_Desig_Chr_scaffold18455_621	Ca_desig_scaffold	621	[A/G]	NA
Ca_Desig_Chr_scaffold18455_624	Ca_desig_scaffold	624	[T/C]	NA
Ca_Desig_Chr_scaffold18455_627	Ca_desig_scaffold	627	[A/G]	NA
Ca_Desig_Chr_scaffold18455_630	Ca_desig_scaffold	630	[A/G]	NA
Ca_Desig_Chr_scaffold18455_632	Ca_desig_scaffold	632	[T/C]	NA
Ca_Desig_Chr_scaffold18455_634	Ca_desig_scaffold	634	[A/G]	NA
Ca_Desig_Chr_scaffold18455_637	Ca_desig_scaffold	637	[T/C]	NA
Ca_Desig_Chr_scaffold18455_638	Ca_desig_scaffold	638	[A/G]	NA
Ca_Desig_Chr_scaffold18455_639	Ca_desig_scaffold	639	[T/C]	NA
Ca_Desig_Chr_scaffold18455_640	Ca_desig_scaffold	640	[T/C]	NA
Ca_Desig_Chr_scaffold18455_641	Ca_desig_scaffold	641	[A/C]	NA
Ca_Desig_Chr_scaffold18455_645	Ca_desig_scaffold	645	[T/C]	NA
Ca_Desig_Chr_scaffold18455_646	Ca_desig_scaffold	646	[T/C]	NA
Ca_Desig_Chr_scaffold18455_647	Ca_desig_scaffold	647	[T/C]	NA
Ca_Desig_Chr_scaffold18455_649	Ca_desig_scaffold	649	[T/C]	NA
Ca_Desig_Chr_scaffold18455_652	Ca_desig_scaffold	652	[A/G]	NA
Ca_Desig_Chr_scaffold18455_653	Ca_desig_scaffold	653	[A/G]	NA
Ca_Desig_Chr_scaffold18455_654	Ca_desig_scaffold	654	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold18455_656	Ca_desig_scaffold	656	[G/A]	NA
Ca_Desig_Chr_scaffold18455_657	Ca_desig_scaffold	657	[A/G]	NA
Ca_Desig_Chr_scaffold18455_658	Ca_desig_scaffold	658	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1525	Ca_desig_scaffold	1525	[T/G]	NA
Ca_Desig_Chr_scaffold18455_1541	Ca_desig_scaffold	1541	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1593	Ca_desig_scaffold	1593	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1594	Ca_desig_scaffold	1594	[G/A]	NA
Ca_Desig_Chr_scaffold18455_1595	Ca_desig_scaffold	1595	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1598	Ca_desig_scaffold	1598	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1599	Ca_desig_scaffold	1599	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1600	Ca_desig_scaffold	1600	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1601	Ca_desig_scaffold	1601	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1602	Ca_desig_scaffold	1602	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1603	Ca_desig_scaffold	1603	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1604	Ca_desig_scaffold	1604	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1605	Ca_desig_scaffold	1605	[C/T]	NA
Ca_Desig_Chr_scaffold18455_1606	Ca_desig_scaffold	1606	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1607	Ca_desig_scaffold	1607	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1608	Ca_desig_scaffold	1608	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1610	Ca_desig_scaffold	1610	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1611	Ca_desig_scaffold	1611	[C/T]	NA
Ca_Desig_Chr_scaffold18455_1612	Ca_desig_scaffold	1612	[G/A]	NA
Ca_Desig_Chr_scaffold18455_1613	Ca_desig_scaffold	1613	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1614	Ca_desig_scaffold	1614	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1615	Ca_desig_scaffold	1615	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1617	Ca_desig_scaffold	1617	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1618	Ca_desig_scaffold	1618	[G/A]	NA
Ca_Desig_Chr_scaffold18455_1619	Ca_desig_scaffold	1619	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1620	Ca_desig_scaffold	1620	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1621	Ca_desig_scaffold	1621	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1622	Ca_desig_scaffold	1622	[C/A]	NA
Ca_Desig_Chr_scaffold18455_1623	Ca_desig_scaffold	1623	[G/A]	NA
Ca_Desig_Chr_scaffold18455_1624	Ca_desig_scaffold	1624	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1625	Ca_desig_scaffold	1625	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold18455_1626	Ca_desig_scaffold	1626	[G/A]	NA
Ca_Desig_Chr_scaffold18455_1628	Ca_desig_scaffold	1628	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1629	Ca_desig_scaffold	1629	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1630	Ca_desig_scaffold	1630	[C/T]	NA
Ca_Desig_Chr_scaffold18455_1632	Ca_desig_scaffold	1632	[T/G]	NA
Ca_Desig_Chr_scaffold18455_1634	Ca_desig_scaffold	1634	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1635	Ca_desig_scaffold	1635	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1636	Ca_desig_scaffold	1636	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1638	Ca_desig_scaffold	1638	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1639	Ca_desig_scaffold	1639	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1640	Ca_desig_scaffold	1640	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1641	Ca_desig_scaffold	1641	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1642	Ca_desig_scaffold	1642	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1643	Ca_desig_scaffold	1643	[C/T]	NA
Ca_Desig_Chr_scaffold18455_1644	Ca_desig_scaffold	1644	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1645	Ca_desig_scaffold	1645	[T/C]	NA
Ca_Desig_Chr_scaffold18455_1646	Ca_desig_scaffold	1646	[C/T]	NA
Ca_Desig_Chr_scaffold18455_1647	Ca_desig_scaffold	1647	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1648	Ca_desig_scaffold	1648	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1649	Ca_desig_scaffold	1649	[A/G]	NA
Ca_Desig_Chr_scaffold18455_1650	Ca_desig_scaffold	1650	[C/T]	NA
Ca_Desig_Chr_scaffold18455_1651	Ca_desig_scaffold	1651	[C/T]	NA
Ca_Desig_Chr_scaffold18455_1652	Ca_desig_scaffold	1652	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1576	Ca_desig_scaffold	1576	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1578	Ca_desig_scaffold	1578	[G/A]	NA
Ca_Desig_Chr_scaffold18481_1579	Ca_desig_scaffold	1579	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1580	Ca_desig_scaffold	1580	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1581	Ca_desig_scaffold	1581	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1582	Ca_desig_scaffold	1582	[T/C]	NA
Ca_Desig_Chr_scaffold18481_1583	Ca_desig_scaffold	1583	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1584	Ca_desig_scaffold	1584	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1585	Ca_desig_scaffold	1585	[T/C]	NA
Ca_Desig_Chr_scaffold18481_1586	Ca_desig_scaffold	1586	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1588	Ca_desig_scaffold	1588	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold18481_1590	Ca_desig_scaffold	1590	[G/A]	NA
Ca_Desig_Chr_scaffold18481_1591	Ca_desig_scaffold	1591	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1592	Ca_desig_scaffold	1592	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1593	Ca_desig_scaffold	1593	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1594	Ca_desig_scaffold	1594	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1596	Ca_desig_scaffold	1596	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1597	Ca_desig_scaffold	1597	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1598	Ca_desig_scaffold	1598	[G/A]	NA
Ca_Desig_Chr_scaffold18481_1599	Ca_desig_scaffold	1599	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1600	Ca_desig_scaffold	1600	[T/C]	NA
Ca_Desig_Chr_scaffold18481_1601	Ca_desig_scaffold	1601	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1602	Ca_desig_scaffold	1602	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1603	Ca_desig_scaffold	1603	[T/C]	NA
Ca_Desig_Chr_scaffold18481_1604	Ca_desig_scaffold	1604	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1605	Ca_desig_scaffold	1605	[G/A]	NA
Ca_Desig_Chr_scaffold18481_1606	Ca_desig_scaffold	1606	[T/C]	NA
Ca_Desig_Chr_scaffold18481_1607	Ca_desig_scaffold	1607	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1608	Ca_desig_scaffold	1608	[G/A]	NA
Ca_Desig_Chr_scaffold18481_1609	Ca_desig_scaffold	1609	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1610	Ca_desig_scaffold	1610	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1611	Ca_desig_scaffold	1611	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1612	Ca_desig_scaffold	1612	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1613	Ca_desig_scaffold	1613	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1614	Ca_desig_scaffold	1614	[C/A]	NA
Ca_Desig_Chr_scaffold18481_1615	Ca_desig_scaffold	1615	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1616	Ca_desig_scaffold	1616	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1617	Ca_desig_scaffold	1617	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1618	Ca_desig_scaffold	1618	[C/T]	NA
Ca_Desig_Chr_scaffold18481_1619	Ca_desig_scaffold	1619	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1620	Ca_desig_scaffold	1620	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1621	Ca_desig_scaffold	1621	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1622	Ca_desig_scaffold	1622	[G/A]	NA
Ca_Desig_Chr_scaffold18481_1623	Ca_desig_scaffold	1623	[A/G]	NA
Ca_Desig_Chr_scaffold18481_1625	Ca_desig_scaffold	1625	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold18481_1626	Ca_desi_scaffold	1626	[A/G]	NA
Ca_Desi_Ch_scaffold18481_1627	Ca_desi_scaffold	1627	[A/G]	NA
Ca_Desi_Ch_scaffold18481_1628	Ca_desi_scaffold	1628	[A/G]	NA
Ca_Desi_Ch_scaffold18481_1630	Ca_desi_scaffold	1630	[T/C]	NA
Ca_Desi_Ch_scaffold18481_1631	Ca_desi_scaffold	1631	[A/G]	NA
Ca_Desi_Ch_scaffold18481_1632	Ca_desi_scaffold	1632	[A/G]	NA
Ca_Desi_Ch_scaffold18481_1659	Ca_desi_scaffold	1659	[C/A]	NA
Ca_Desi_Ch_scaffold18551_156	Ca_desi_scaffold	156	[A/G]	NA
Ca_Desi_Ch_scaffold18788_547	Ca_desi_scaffold	547	[G/T]	NA
Ca_Desi_Ch_scaffold18788_549	Ca_desi_scaffold	549	[A/G]	NA
Ca_Desi_Ch_scaffold18788_553	Ca_desi_scaffold	553	[A/G]	NA
Ca_Desi_Ch_scaffold18788_556	Ca_desi_scaffold	556	[T/C]	NA
Ca_Desi_Ch_scaffold18788_558	Ca_desi_scaffold	558	[A/G]	NA
Ca_Desi_Ch_scaffold18788_559	Ca_desi_scaffold	559	[A/G]	NA
Ca_Desi_Ch_scaffold18788_560	Ca_desi_scaffold	560	[A/G]	NA
Ca_Desi_Ch_scaffold18788_561	Ca_desi_scaffold	561	[T/C]	NA
Ca_Desi_Ch_scaffold18788_563	Ca_desi_scaffold	563	[G/A]	NA
Ca_Desi_Ch_scaffold18788_565	Ca_desi_scaffold	565	[T/C]	NA
Ca_Desi_Ch_scaffold18788_566	Ca_desi_scaffold	566	[T/C]	NA
Ca_Desi_Ch_scaffold18788_570	Ca_desi_scaffold	570	[T/C]	NA
Ca_Desi_Ch_scaffold18788_571	Ca_desi_scaffold	571	[T/C]	NA
Ca_Desi_Ch_scaffold18788_572	Ca_desi_scaffold	572	[C/T]	NA
Ca_Desi_Ch_scaffold18788_573	Ca_desi_scaffold	573	[G/A]	NA
Ca_Desi_Ch_scaffold18788_575	Ca_desi_scaffold	575	[T/C]	NA
Ca_Desi_Ch_scaffold18788_578	Ca_desi_scaffold	578	[A/G]	NA
Ca_Desi_Ch_scaffold18788_581	Ca_desi_scaffold	581	[T/C]	NA
Ca_Desi_Ch_scaffold18788_584	Ca_desi_scaffold	584	[T/C]	NA
Ca_Desi_Ch_scaffold18788_586	Ca_desi_scaffold	586	[G/A]	NA
Ca_Desi_Ch_scaffold18788_589	Ca_desi_scaffold	589	[A/G]	NA
Ca_Desi_Ch_scaffold18788_591	Ca_desi_scaffold	591	[T/G]	NA
Ca_Desi_Ch_scaffold18788_592	Ca_desi_scaffold	592	[T/C]	NA
Ca_Desi_Ch_scaffold18788_593	Ca_desi_scaffold	593	[T/C]	NA
Ca_Desi_Ch_scaffold18788_594	Ca_desi_scaffold	594	[G/T]	NA
Ca_Desi_Ch_scaffold18788_595	Ca_desi_scaffold	595	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold18788_596	Ca_desig_scaffold	596	[A/G]	NA
Ca_Desig_Chr_scaffold18788_599	Ca_desig_scaffold	599	[T/C]	NA
Ca_Desig_Chr_scaffold18788_600	Ca_desig_scaffold	600	[T/C]	NA
Ca_Desig_Chr_scaffold18788_602	Ca_desig_scaffold	602	[A/G]	NA
Ca_Desig_Chr_scaffold18788_603	Ca_desig_scaffold	603	[A/G]	NA
Ca_Desig_Chr_scaffold18788_605	Ca_desig_scaffold	605	[A/G]	NA
Ca_Desig_Chr_scaffold18788_606	Ca_desig_scaffold	606	[C/G]	NA
Ca_Desig_Chr_scaffold18788_607	Ca_desig_scaffold	607	[A/G]	NA
Ca_Desig_Chr_scaffold18788_608	Ca_desig_scaffold	608	[G/A]	NA
Ca_Desig_Chr_scaffold18788_861	Ca_desig_scaffold	861	[T/C]	NA
Ca_Desig_Chr_scaffold18788_862	Ca_desig_scaffold	862	[C/T]	NA
Ca_Desig_Chr_scaffold18788_863	Ca_desig_scaffold	863	[T/C]	NA
Ca_Desig_Chr_scaffold18788_864	Ca_desig_scaffold	864	[C/T]	NA
Ca_Desig_Chr_scaffold18788_865	Ca_desig_scaffold	865	[T/C]	NA
Ca_Desig_Chr_scaffold18788_867	Ca_desig_scaffold	867	[T/C]	NA
Ca_Desig_Chr_scaffold18788_868	Ca_desig_scaffold	868	[T/C]	NA
Ca_Desig_Chr_scaffold18788_869	Ca_desig_scaffold	869	[T/C]	NA
Ca_Desig_Chr_scaffold18788_871	Ca_desig_scaffold	871	[C/T]	NA
Ca_Desig_Chr_scaffold18788_873	Ca_desig_scaffold	873	[G/A]	NA
Ca_Desig_Chr_scaffold18788_874	Ca_desig_scaffold	874	[C/T]	NA
Ca_Desig_Chr_scaffold18788_875	Ca_desig_scaffold	875	[T/C]	NA
Ca_Desig_Chr_scaffold18788_876	Ca_desig_scaffold	876	[T/C]	NA
Ca_Desig_Chr_scaffold18788_877	Ca_desig_scaffold	877	[A/G]	NA
Ca_Desig_Chr_scaffold18788_878	Ca_desig_scaffold	878	[G/A]	NA
Ca_Desig_Chr_scaffold18788_879	Ca_desig_scaffold	879	[C/T]	NA
Ca_Desig_Chr_scaffold18788_880	Ca_desig_scaffold	880	[C/T]	NA
Ca_Desig_Chr_scaffold18788_881	Ca_desig_scaffold	881	[T/C]	NA
Ca_Desig_Chr_scaffold18788_884	Ca_desig_scaffold	884	[C/T]	NA
Ca_Desig_Chr_scaffold18788_885	Ca_desig_scaffold	885	[G/A]	NA
Ca_Desig_Chr_scaffold18788_886	Ca_desig_scaffold	886	[C/T]	NA
Ca_Desig_Chr_scaffold18788_887	Ca_desig_scaffold	887	[T/C]	NA
Ca_Desig_Chr_scaffold18788_889	Ca_desig_scaffold	889	[C/T]	NA
Ca_Desig_Chr_scaffold18788_891	Ca_desig_scaffold	891	[T/C]	NA
Ca_Desig_Chr_scaffold18788_895	Ca_desig_scaffold	895	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold18788_896	Ca_desi_scaffold	896	[T/C]	NA
Ca_Desi_Ch_scaffold18788_897	Ca_desi_scaffold	897	[T/C]	NA
Ca_Desi_Ch_scaffold18788_899	Ca_desi_scaffold	899	[T/C]	NA
Ca_Desi_Ch_scaffold18788_900	Ca_desi_scaffold	900	[A/G]	NA
Ca_Desi_Ch_scaffold18788_901	Ca_desi_scaffold	901	[T/C]	NA
Ca_Desi_Ch_scaffold18788_903	Ca_desi_scaffold	903	[C/T]	NA
Ca_Desi_Ch_scaffold18788_904	Ca_desi_scaffold	904	[C/T]	NA
Ca_Desi_Ch_scaffold18788_905	Ca_desi_scaffold	905	[C/T]	NA
Ca_Desi_Ch_scaffold18788_907	Ca_desi_scaffold	907	[T/C]	NA
Ca_Desi_Ch_scaffold18788_908	Ca_desi_scaffold	908	[G/A]	NA
Ca_Desi_Ch_scaffold18788_909	Ca_desi_scaffold	909	[G/A]	NA
Ca_Desi_Ch_scaffold18788_910	Ca_desi_scaffold	910	[T/C]	NA
Ca_Desi_Ch_scaffold18788_911	Ca_desi_scaffold	911	[G/A]	NA
Ca_Desi_Ch_scaffold18788_912	Ca_desi_scaffold	912	[T/C]	NA
Ca_Desi_Ch_scaffold18788_913	Ca_desi_scaffold	913	[A/G]	NA
Ca_Desi_Ch_scaffold18788_915	Ca_desi_scaffold	915	[G/A]	NA
Ca_Desi_Ch_scaffold18788_916	Ca_desi_scaffold	916	[A/G]	NA
Ca_Desi_Ch_scaffold18788_917	Ca_desi_scaffold	917	[A/G]	NA
Ca_Desi_Ch_scaffold18788_918	Ca_desi_scaffold	918	[A/G]	NA
Ca_Desi_Ch_scaffold18844_1197	Ca_desi_scaffold	1197	[A/G]	NA
Ca_Desi_Ch_scaffold18844_1198	Ca_desi_scaffold	1198	[A/G]	NA
Ca_Desi_Ch_scaffold18844_1236	Ca_desi_scaffold	1236	[T/C]	NA
Ca_Desi_Ch_scaffold18919_67	Ca_desi_scaffold	67	[T/C]	NA
Ca_Desi_Ch_scaffold18919_76	Ca_desi_scaffold	76	[G/A]	NA
Ca_Desi_Ch_scaffold19013_216	Ca_desi_scaffold	216	[T/C]	NA
Ca_Desi_Ch_scaffold19013_221	Ca_desi_scaffold	221	[T/A]	NA
Ca_Desi_Ch_scaffold19043_519	Ca_desi_scaffold	519	[T/C]	NA
Ca_Desi_Ch_scaffold19043_539	Ca_desi_scaffold	539	[A/G]	NA
Ca_Desi_Ch_scaffold19043_541	Ca_desi_scaffold	541	[C/A]	NA
Ca_Desi_Ch_scaffold19068_288	Ca_desi_scaffold	288	[T/G]	NA
Ca_Desi_Ch_scaffold19161_66	Ca_desi_scaffold	66	[C/T]	NA
Ca_Desi_Ch_scaffold19263_717	Ca_desi_scaffold	717	[G/T]	NA
Ca_Desi_Ch_scaffold19263_939	Ca_desi_scaffold	939	[A/G]	NA
Ca_Desi_Ch_scaffold19446_1515	Ca_desi_scaffold	1515	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold19709_192	Ca_desig_scaffold	192	[T/A]	NA
Ca_Desig_Chr_scaffold19709_197	Ca_desig_scaffold	197	[A/G]	NA
Ca_Desig_Chr_scaffold19709_443	Ca_desig_scaffold	443	[A/G]	NA
Ca_Desig_Chr_scaffold19709_462	Ca_desig_scaffold	462	[T/C]	NA
Ca_Desig_Chr_scaffold19709_479	Ca_desig_scaffold	479	[T/A]	NA
Ca_Desig_Chr_scaffold19709_495	Ca_desig_scaffold	495	[T/C]	NA
Ca_Desig_Chr_scaffold19709_520	Ca_desig_scaffold	520	[T/A]	NA
Ca_Desig_Chr_scaffold19709_526	Ca_desig_scaffold	526	[T/C]	NA
Ca_Desig_Chr_scaffold19709_572	Ca_desig_scaffold	572	[C/A]	NA
Ca_Desig_Chr_scaffold19709_1531	Ca_desig_scaffold	1531	[G/A]	NA
Ca_Desig_Chr_scaffold19709_1540	Ca_desig_scaffold	1540	[A/G]	NA
Ca_Desig_Chr_scaffold19715_1133	Ca_desig_scaffold	1133	[G/A]	NA
Ca_Desig_Chr_scaffold19776_47	Ca_desig_scaffold	47	[G/A]	NA
Ca_Desig_Chr_scaffold19810_1444	Ca_desig_scaffold	1444	[C/T]	NA
Ca_Desig_Chr_scaffold19810_1497	Ca_desig_scaffold	1497	[A/C]	NA
Ca_Desig_Chr_scaffold19810_1533	Ca_desig_scaffold	1533	[C/A]	NA
Ca_Desig_Chr_scaffold19950_1138	Ca_desig_scaffold	1138	[G/A]	NA
Ca_Desig_Chr_scaffold20023_546	Ca_desig_scaffold	546	[C/G]	NA
Ca_Desig_Chr_scaffold20089_560	Ca_desig_scaffold	560	[A/C]	NA
Ca_Desig_Chr_scaffold20089_563	Ca_desig_scaffold	563	[A/G]	NA
Ca_Desig_Chr_scaffold20089_625	Ca_desig_scaffold	625	[C/T]	NA
Ca_Desig_Chr_scaffold20089_654	Ca_desig_scaffold	654	[T/C]	NA
Ca_Desig_Chr_scaffold20089_658	Ca_desig_scaffold	658	[A/G]	NA
Ca_Desig_Chr_scaffold20089_661	Ca_desig_scaffold	661	[T/C]	NA
Ca_Desig_Chr_scaffold20089_688	Ca_desig_scaffold	688	[A/T]	NA
Ca_Desig_Chr_scaffold20089_692	Ca_desig_scaffold	692	[T/C]	NA
Ca_Desig_Chr_scaffold20089_696	Ca_desig_scaffold	696	[A/C]	NA
Ca_Desig_Chr_scaffold20089_705	Ca_desig_scaffold	705	[A/G]	NA
Ca_Desig_Chr_scaffold20260_1564	Ca_desig_scaffold	1564	[T/G]	NA
Ca_Desig_Chr_scaffold20354_600	Ca_desig_scaffold	600	[A/G]	NA
Ca_Desig_Chr_scaffold20354_603	Ca_desig_scaffold	603	[A/G]	NA
Ca_Desig_Chr_scaffold20381_471	Ca_desig_scaffold	471	[T/C]	NA
Ca_Desig_Chr_scaffold20381_482	Ca_desig_scaffold	482	[T/A]	NA
Ca_Desig_Chr_scaffold20381_486	Ca_desig_scaffold	486	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold20432_1425	Ca_desi_scaffold	1425	[C/T]	NA
Ca_Desi_Ch_scaffold20432_1426	Ca_desi_scaffold	1426	[G/A]	NA
Ca_Desi_Ch_scaffold20599_825	Ca_desi_scaffold	825	[A/T]	NA
Ca_Desi_Ch_scaffold20611_119	Ca_desi_scaffold	119	[C/T]	NA
Ca_Desi_Ch_scaffold20748_381	Ca_desi_scaffold	381	[C/A]	NA
Ca_Desi_Ch_scaffold20781_439	Ca_desi_scaffold	439	[A/G]	NA
Ca_Desi_Ch_scaffold20781_441	Ca_desi_scaffold	441	[A/G]	NA
Ca_Desi_Ch_scaffold20781_443	Ca_desi_scaffold	443	[A/G]	NA
Ca_Desi_Ch_scaffold20781_446	Ca_desi_scaffold	446	[A/G]	NA
Ca_Desi_Ch_scaffold20781_448	Ca_desi_scaffold	448	[T/C]	NA
Ca_Desi_Ch_scaffold20781_450	Ca_desi_scaffold	450	[T/C]	NA
Ca_Desi_Ch_scaffold20781_452	Ca_desi_scaffold	452	[A/G]	NA
Ca_Desi_Ch_scaffold20781_454	Ca_desi_scaffold	454	[T/C]	NA
Ca_Desi_Ch_scaffold20781_457	Ca_desi_scaffold	457	[T/C]	NA
Ca_Desi_Ch_scaffold20781_466	Ca_desi_scaffold	466	[A/G]	NA
Ca_Desi_Ch_scaffold20781_477	Ca_desi_scaffold	477	[T/C]	NA
Ca_Desi_Ch_scaffold20781_481	Ca_desi_scaffold	481	[A/G]	NA
Ca_Desi_Ch_scaffold20781_484	Ca_desi_scaffold	484	[A/G]	NA
Ca_Desi_Ch_scaffold20781_487	Ca_desi_scaffold	487	[A/G]	NA
Ca_Desi_Ch_scaffold20781_488	Ca_desi_scaffold	488	[A/G]	NA
Ca_Desi_Ch_scaffold20781_491	Ca_desi_scaffold	491	[T/C]	NA
Ca_Desi_Ch_scaffold20781_493	Ca_desi_scaffold	493	[T/C]	NA
Ca_Desi_Ch_scaffold20781_508	Ca_desi_scaffold	508	[A/G]	NA
Ca_Desi_Ch_scaffold20781_509	Ca_desi_scaffold	509	[T/C]	NA
Ca_Desi_Ch_scaffold20781_512	Ca_desi_scaffold	512	[A/G]	NA
Ca_Desi_Ch_scaffold20781_515	Ca_desi_scaffold	515	[A/G]	NA
Ca_Desi_Ch_scaffold20781_523	Ca_desi_scaffold	523	[A/T]	NA
Ca_Desi_Ch_scaffold20781_526	Ca_desi_scaffold	526	[A/G]	NA
Ca_Desi_Ch_scaffold20781_530	Ca_desi_scaffold	530	[A/G]	NA
Ca_Desi_Ch_scaffold20781_534	Ca_desi_scaffold	534	[T/C]	NA
Ca_Desi_Ch_scaffold20781_535	Ca_desi_scaffold	535	[T/C]	NA
Ca_Desi_Ch_scaffold20781_538	Ca_desi_scaffold	538	[T/C]	NA
Ca_Desi_Ch_scaffold20781_1159	Ca_desi_scaffold	1159	[T/C]	NA
Ca_Desi_Ch_scaffold20781_1171	Ca_desi_scaffold	1171	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold20781_1173	Ca_desi_scaffold	1173	[A/G]	NA
Ca_Desi_Chromosome_scaffold20781_1174	Ca_desi_scaffold	1174	[T/C]	NA
Ca_Desi_Chromosome_scaffold20781_1184	Ca_desi_scaffold	1184	[A/G]	NA
Ca_Desi_Chromosome_scaffold20781_1187	Ca_desi_scaffold	1187	[T/C]	NA
Ca_Desi_Chromosome_scaffold20781_1193	Ca_desi_scaffold	1193	[T/C]	NA
Ca_Desi_Chromosome_scaffold20781_1195	Ca_desi_scaffold	1195	[T/C]	NA
Ca_Desi_Chromosome_scaffold20781_1206	Ca_desi_scaffold	1206	[T/C]	NA
Ca_Desi_Chromosome_scaffold20781_1210	Ca_desi_scaffold	1210	[T/C]	NA
Ca_Desi_Chromosome_scaffold20781_1218	Ca_desi_scaffold	1218	[G/C]	NA
Ca_Desi_Chromosome_scaffold20806_80	Ca_desi_scaffold	80	[C/T]	NA
Ca_Desi_Chromosome_scaffold20806_85	Ca_desi_scaffold	85	[A/T]	NA
Ca_Desi_Chromosome_scaffold20806_111	Ca_desi_scaffold	111	[A/G]	NA
Ca_Desi_Chromosome_scaffold20806_117	Ca_desi_scaffold	117	[T/C]	NA
Ca_Desi_Chromosome_scaffold20806_121	Ca_desi_scaffold	121	[A/G]	NA
Ca_Desi_Chromosome_scaffold21140_280	Ca_desi_scaffold	280	[T/C]	NA
Ca_Desi_Chromosome_scaffold21140_285	Ca_desi_scaffold	285	[A/G]	NA
Ca_Desi_Chromosome_scaffold21140_289	Ca_desi_scaffold	289	[A/G]	NA
Ca_Desi_Chromosome_scaffold21140_292	Ca_desi_scaffold	292	[T/G]	NA
Ca_Desi_Chromosome_scaffold21140_294	Ca_desi_scaffold	294	[T/C]	NA
Ca_Desi_Chromosome_scaffold21140_295	Ca_desi_scaffold	295	[T/C]	NA
Ca_Desi_Chromosome_scaffold21140_297	Ca_desi_scaffold	297	[T/C]	NA
Ca_Desi_Chromosome_scaffold21140_298	Ca_desi_scaffold	298	[T/C]	NA
Ca_Desi_Chromosome_scaffold21140_300	Ca_desi_scaffold	300	[T/C]	NA
Ca_Desi_Chromosome_scaffold21140_302	Ca_desi_scaffold	302	[T/C]	NA
Ca_Desi_Chromosome_scaffold21140_304	Ca_desi_scaffold	304	[A/G]	NA
Ca_Desi_Chromosome_scaffold21140_307	Ca_desi_scaffold	307	[T/C]	NA
Ca_Desi_Chromosome_scaffold21140_310	Ca_desi_scaffold	310	[A/G]	NA
Ca_Desi_Chromosome_scaffold21140_313	Ca_desi_scaffold	313	[A/G]	NA
Ca_Desi_Chromosome_scaffold21140_316	Ca_desi_scaffold	316	[A/G]	NA
Ca_Desi_Chromosome_scaffold21140_318	Ca_desi_scaffold	318	[A/G]	NA
Ca_Desi_Chromosome_scaffold21140_319	Ca_desi_scaffold	319	[T/C]	NA
Ca_Desi_Chromosome_scaffold21140_321	Ca_desi_scaffold	321	[C/T]	NA
Ca_Desi_Chromosome_scaffold21140_323	Ca_desi_scaffold	323	[A/C]	NA
Ca_Desi_Chromosome_scaffold21140_325	Ca_desi_scaffold	325	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold21140_326	Ca_desi_scaffold	326	[A/G]	NA
Ca_Desi_Ch_scaffold21140_330	Ca_desi_scaffold	330	[T/C]	NA
Ca_Desi_Ch_scaffold21140_332	Ca_desi_scaffold	332	[A/G]	NA
Ca_Desi_Ch_scaffold21140_334	Ca_desi_scaffold	334	[T/C]	NA
Ca_Desi_Ch_scaffold21140_335	Ca_desi_scaffold	335	[T/C]	NA
Ca_Desi_Ch_scaffold21140_337	Ca_desi_scaffold	337	[T/C]	NA
Ca_Desi_Ch_scaffold21180_890	Ca_desi_scaffold	890	[G/A]	NA
Ca_Desi_Ch_scaffold21180_989	Ca_desi_scaffold	989	[T/A]	NA
Ca_Desi_Ch_scaffold21244_5	Ca_desi_scaffold	5	[T/G]	NA
Ca_Desi_Ch_scaffold21465_102	Ca_desi_scaffold	102	[T/G]	NA
Ca_Desi_Ch_scaffold21533_29	Ca_desi_scaffold	29	[T/C]	NA
Ca_Desi_Ch_scaffold21687_517	Ca_desi_scaffold	517	[A/C]	NA
Ca_Desi_Ch_scaffold21687_518	Ca_desi_scaffold	518	[A/G]	NA
Ca_Desi_Ch_scaffold21721_1414	Ca_desi_scaffold	1414	[C/A]	NA
Ca_Desi_Ch_scaffold22001_1201	Ca_desi_scaffold	1201	[C/A]	NA
Ca_Desi_Ch_scaffold22001_1202	Ca_desi_scaffold	1202	[C/G]	NA
Ca_Desi_Ch_scaffold22001_1203	Ca_desi_scaffold	1203	[T/A]	NA
Ca_Desi_Ch_scaffold22001_1204	Ca_desi_scaffold	1204	[G/T]	NA
Ca_Desi_Ch_scaffold22369_1398	Ca_desi_scaffold	1398	[T/C]	NA
Ca_Desi_Ch_scaffold22369_1399	Ca_desi_scaffold	1399	[T/C]	NA
Ca_Desi_Ch_scaffold22369_1401	Ca_desi_scaffold	1401	[G/A]	NA
Ca_Desi_Ch_scaffold22369_1403	Ca_desi_scaffold	1403	[T/C]	NA
Ca_Desi_Ch_scaffold22369_1404	Ca_desi_scaffold	1404	[T/C]	NA
Ca_Desi_Ch_scaffold22369_1405	Ca_desi_scaffold	1405	[T/C]	NA
Ca_Desi_Ch_scaffold22369_1406	Ca_desi_scaffold	1406	[T/C]	NA
Ca_Desi_Ch_scaffold22369_1407	Ca_desi_scaffold	1407	[G/T]	NA
Ca_Desi_Ch_scaffold22369_1408	Ca_desi_scaffold	1408	[G/T]	NA
Ca_Desi_Ch_scaffold22369_1409	Ca_desi_scaffold	1409	[C/T]	NA
Ca_Desi_Ch_scaffold22369_1410	Ca_desi_scaffold	1410	[G/A]	NA
Ca_Desi_Ch_scaffold22369_1411	Ca_desi_scaffold	1411	[T/C]	NA
Ca_Desi_Ch_scaffold22369_1412	Ca_desi_scaffold	1412	[T/C]	NA
Ca_Desi_Ch_scaffold22369_1414	Ca_desi_scaffold	1414	[C/T]	NA
Ca_Desi_Ch_scaffold22369_1415	Ca_desi_scaffold	1415	[T/C]	NA
Ca_Desi_Ch_scaffold22369_1416	Ca_desi_scaffold	1416	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold22369_1417	Ca_desi_scaffold	1417	[C/T]	NA
Ca_Desi_Chromosome_scaffold22369_1418	Ca_desi_scaffold	1418	[G/A]	NA
Ca_Desi_Chromosome_scaffold22369_1419	Ca_desi_scaffold	1419	[T/C]	NA
Ca_Desi_Chromosome_scaffold22369_1420	Ca_desi_scaffold	1420	[A/G]	NA
Ca_Desi_Chromosome_scaffold22369_1422	Ca_desi_scaffold	1422	[A/G]	NA
Ca_Desi_Chromosome_scaffold22369_1423	Ca_desi_scaffold	1423	[T/C]	NA
Ca_Desi_Chromosome_scaffold22369_1424	Ca_desi_scaffold	1424	[C/T]	NA
Ca_Desi_Chromosome_scaffold22369_1425	Ca_desi_scaffold	1425	[T/C]	NA
Ca_Desi_Chromosome_scaffold22369_1426	Ca_desi_scaffold	1426	[G/A]	NA
Ca_Desi_Chromosome_scaffold22369_1427	Ca_desi_scaffold	1427	[C/T]	NA
Ca_Desi_Chromosome_scaffold22369_1430	Ca_desi_scaffold	1430	[A/G]	NA
Ca_Desi_Chromosome_scaffold22369_1431	Ca_desi_scaffold	1431	[T/C]	NA
Ca_Desi_Chromosome_scaffold22369_1432	Ca_desi_scaffold	1432	[T/C]	NA
Ca_Desi_Chromosome_scaffold22369_1433	Ca_desi_scaffold	1433	[T/C]	NA
Ca_Desi_Chromosome_scaffold22369_1434	Ca_desi_scaffold	1434	[C/T]	NA
Ca_Desi_Chromosome_scaffold22369_1435	Ca_desi_scaffold	1435	[A/G]	NA
Ca_Desi_Chromosome_scaffold22369_1436	Ca_desi_scaffold	1436	[C/T]	NA
Ca_Desi_Chromosome_scaffold22369_1437	Ca_desi_scaffold	1437	[C/T]	NA
Ca_Desi_Chromosome_scaffold22369_1440	Ca_desi_scaffold	1440	[T/C]	NA
Ca_Desi_Chromosome_scaffold22369_1441	Ca_desi_scaffold	1441	[A/G]	NA
Ca_Desi_Chromosome_scaffold22369_1442	Ca_desi_scaffold	1442	[C/T]	NA
Ca_Desi_Chromosome_scaffold22369_1443	Ca_desi_scaffold	1443	[A/G]	NA
Ca_Desi_Chromosome_scaffold22369_1445	Ca_desi_scaffold	1445	[A/G]	NA
Ca_Desi_Chromosome_scaffold22369_1446	Ca_desi_scaffold	1446	[C/T]	NA
Ca_Desi_Chromosome_scaffold22369_1447	Ca_desi_scaffold	1447	[G/A]	NA
Ca_Desi_Chromosome_scaffold22369_1448	Ca_desi_scaffold	1448	[A/G]	NA
Ca_Desi_Chromosome_scaffold22369_1449	Ca_desi_scaffold	1449	[A/G]	NA
Ca_Desi_Chromosome_scaffold22369_1450	Ca_desi_scaffold	1450	[A/G]	NA
Ca_Desi_Chromosome_scaffold22369_1451	Ca_desi_scaffold	1451	[T/C]	NA
Ca_Desi_Chromosome_scaffold22369_1452	Ca_desi_scaffold	1452	[T/C]	NA
Ca_Desi_Chromosome_scaffold22369_1453	Ca_desi_scaffold	1453	[C/A]	NA
Ca_Desi_Chromosome_scaffold22369_1454	Ca_desi_scaffold	1454	[C/A]	NA
Ca_Desi_Chromosome_scaffold22369_1455	Ca_desi_scaffold	1455	[A/G]	NA
Ca_Desi_Chromosome_scaffold22421_1449	Ca_desi_scaffold	1449	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold22614_474	Ca_desi_scaffold	474	[C/T]	NA
Ca_Desi_Ch_scaffold22935_210	Ca_desi_scaffold	210	[A/G]	NA
Ca_Desi_Ch_scaffold23009_720	Ca_desi_scaffold	720	[A/G]	NA
Ca_Desi_Ch_scaffold23428_455	Ca_desi_scaffold	455	[T/C]	NA
Ca_Desi_Ch_scaffold23428_492	Ca_desi_scaffold	492	[T/C]	NA
Ca_Desi_Ch_scaffold23428_504	Ca_desi_scaffold	504	[A/T]	NA
Ca_Desi_Ch_scaffold23428_535	Ca_desi_scaffold	535	[A/G]	NA
Ca_Desi_Ch_scaffold23439_484	Ca_desi_scaffold	484	[A/T]	NA
Ca_Desi_Ch_scaffold23439_488	Ca_desi_scaffold	488	[T/C]	NA
Ca_Desi_Ch_scaffold23439_492	Ca_desi_scaffold	492	[A/G]	NA
Ca_Desi_Ch_scaffold23439_493	Ca_desi_scaffold	493	[A/G]	NA
Ca_Desi_Ch_scaffold23439_496	Ca_desi_scaffold	496	[A/G]	NA
Ca_Desi_Ch_scaffold23439_498	Ca_desi_scaffold	498	[A/G]	NA
Ca_Desi_Ch_scaffold23439_500	Ca_desi_scaffold	500	[A/G]	NA
Ca_Desi_Ch_scaffold23439_501	Ca_desi_scaffold	501	[T/C]	NA
Ca_Desi_Ch_scaffold23439_503	Ca_desi_scaffold	503	[T/C]	NA
Ca_Desi_Ch_scaffold23439_506	Ca_desi_scaffold	506	[T/C]	NA
Ca_Desi_Ch_scaffold23439_510	Ca_desi_scaffold	510	[T/C]	NA
Ca_Desi_Ch_scaffold23439_517	Ca_desi_scaffold	517	[T/C]	NA
Ca_Desi_Ch_scaffold23439_521	Ca_desi_scaffold	521	[A/G]	NA
Ca_Desi_Ch_scaffold23439_522	Ca_desi_scaffold	522	[T/C]	NA
Ca_Desi_Ch_scaffold23439_526	Ca_desi_scaffold	526	[A/G]	NA
Ca_Desi_Ch_scaffold23439_527	Ca_desi_scaffold	527	[T/C]	NA
Ca_Desi_Ch_scaffold23439_531	Ca_desi_scaffold	531	[T/C]	NA
Ca_Desi_Ch_scaffold23439_534	Ca_desi_scaffold	534	[T/C]	NA
Ca_Desi_Ch_scaffold23439_538	Ca_desi_scaffold	538	[A/T]	NA
Ca_Desi_Ch_scaffold23439_569	Ca_desi_scaffold	569	[T/C]	NA
Ca_Desi_Ch_scaffold23439_775	Ca_desi_scaffold	775	[A/G]	NA
Ca_Desi_Ch_scaffold23439_805	Ca_desi_scaffold	805	[A/G]	NA
Ca_Desi_Ch_scaffold23439_1152	Ca_desi_scaffold	1152	[A/C]	NA
Ca_Desi_Ch_scaffold23439_1179	Ca_desi_scaffold	1179	[G/C]	NA
Ca_Desi_Ch_scaffold23439_1180	Ca_desi_scaffold	1180	[C/T]	NA
Ca_Desi_Ch_scaffold23439_1181	Ca_desi_scaffold	1181	[G/A]	NA
Ca_Desi_Ch_scaffold23439_1182	Ca_desi_scaffold	1182	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold23439_1183	Ca_desi_scaffold	1183	[C/T]	NA
Ca_Desi_Ch_scaffold23439_1184	Ca_desi_scaffold	1184	[C/T]	NA
Ca_Desi_Ch_scaffold23439_1185	Ca_desi_scaffold	1185	[T/C]	NA
Ca_Desi_Ch_scaffold23439_1186	Ca_desi_scaffold	1186	[C/T]	NA
Ca_Desi_Ch_scaffold23439_1187	Ca_desi_scaffold	1187	[G/A]	NA
Ca_Desi_Ch_scaffold23439_1189	Ca_desi_scaffold	1189	[A/G]	NA
Ca_Desi_Ch_scaffold23439_1190	Ca_desi_scaffold	1190	[C/T]	NA
Ca_Desi_Ch_scaffold23439_1191	Ca_desi_scaffold	1191	[A/G]	NA
Ca_Desi_Ch_scaffold23439_1192	Ca_desi_scaffold	1192	[C/T]	NA
Ca_Desi_Ch_scaffold23439_1193	Ca_desi_scaffold	1193	[A/G]	NA
Ca_Desi_Ch_scaffold23439_1194	Ca_desi_scaffold	1194	[T/C]	NA
Ca_Desi_Ch_scaffold23439_1195	Ca_desi_scaffold	1195	[C/T]	NA
Ca_Desi_Ch_scaffold23439_1196	Ca_desi_scaffold	1196	[G/A]	NA
Ca_Desi_Ch_scaffold23439_1197	Ca_desi_scaffold	1197	[A/G]	NA
Ca_Desi_Ch_scaffold23439_1198	Ca_desi_scaffold	1198	[C/T]	NA
Ca_Desi_Ch_scaffold23439_1199	Ca_desi_scaffold	1199	[A/G]	NA
Ca_Desi_Ch_scaffold23439_1200	Ca_desi_scaffold	1200	[A/G]	NA
Ca_Desi_Ch_scaffold23439_1201	Ca_desi_scaffold	1201	[A/G]	NA
Ca_Desi_Ch_scaffold23439_1202	Ca_desi_scaffold	1202	[G/T]	NA
Ca_Desi_Ch_scaffold23439_1204	Ca_desi_scaffold	1204	[C/T]	NA
Ca_Desi_Ch_scaffold23439_1205	Ca_desi_scaffold	1205	[C/T]	NA
Ca_Desi_Ch_scaffold23439_1206	Ca_desi_scaffold	1206	[A/G]	NA
Ca_Desi_Ch_scaffold23439_1207	Ca_desi_scaffold	1207	[T/C]	NA
Ca_Desi_Ch_scaffold23439_1208	Ca_desi_scaffold	1208	[T/C]	NA
Ca_Desi_Ch_scaffold23439_1209	Ca_desi_scaffold	1209	[C/T]	NA
Ca_Desi_Ch_scaffold23439_1210	Ca_desi_scaffold	1210	[T/C]	NA
Ca_Desi_Ch_scaffold23439_1212	Ca_desi_scaffold	1212	[T/C]	NA
Ca_Desi_Ch_scaffold23439_1213	Ca_desi_scaffold	1213	[T/C]	NA
Ca_Desi_Ch_scaffold23439_1214	Ca_desi_scaffold	1214	[T/C]	NA
Ca_Desi_Ch_scaffold23439_1215	Ca_desi_scaffold	1215	[A/G]	NA
Ca_Desi_Ch_scaffold23439_1216	Ca_desi_scaffold	1216	[A/G]	NA
Ca_Desi_Ch_scaffold23439_1217	Ca_desi_scaffold	1217	[G/T]	NA
Ca_Desi_Ch_scaffold23439_1218	Ca_desi_scaffold	1218	[T/G]	NA
Ca_Desi_Ch_scaffold23439_1219	Ca_desi_scaffold	1219	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_DesigChr_scaffold23439_1220	Ca_desig_scaffold	1220	[A/G]	NA
Ca_DesigChr_scaffold23439_1221	Ca_desig_scaffold	1221	[G/A]	NA
Ca_DesigChr_scaffold23439_1223	Ca_desig_scaffold	1223	[G/A]	NA
Ca_DesigChr_scaffold23439_1224	Ca_desig_scaffold	1224	[A/G]	NA
Ca_DesigChr_scaffold23439_1225	Ca_desig_scaffold	1225	[C/T]	NA
Ca_DesigChr_scaffold23439_1226	Ca_desig_scaffold	1226	[G/A]	NA
Ca_DesigChr_scaffold23439_1227	Ca_desig_scaffold	1227	[T/C]	NA
Ca_DesigChr_scaffold23439_1228	Ca_desig_scaffold	1228	[C/T]	NA
Ca_DesigChr_scaffold23439_1229	Ca_desig_scaffold	1229	[G/A]	NA
Ca_DesigChr_scaffold23439_1230	Ca_desig_scaffold	1230	[T/C]	NA
Ca_DesigChr_scaffold23439_1231	Ca_desig_scaffold	1231	[C/T]	NA
Ca_DesigChr_scaffold23439_1232	Ca_desig_scaffold	1232	[G/A]	NA
Ca_DesigChr_scaffold23439_1233	Ca_desig_scaffold	1233	[T/C]	NA
Ca_DesigChr_scaffold23439_1234	Ca_desig_scaffold	1234	[T/C]	NA
Ca_DesigChr_scaffold23439_1235	Ca_desig_scaffold	1235	[A/G]	NA
Ca_DesigChr_scaffold23439_1236	Ca_desig_scaffold	1236	[T/C]	NA
Ca_DesigChr_scaffold23439_1237	Ca_desig_scaffold	1237	[C/T]	NA
Ca_DesigChr_scaffold23439_1238	Ca_desig_scaffold	1238	[T/G]	NA
Ca_DesigChr_scaffold23439_1385	Ca_desig_scaffold	1385	[T/C]	NA
Ca_DesigChr_scaffold23677_1141	Ca_desig_scaffold	1141	[C/A]	NA
Ca_DesigChr_scaffold23695_326	Ca_desig_scaffold	326	[A/C]	NA
Ca_DesigChr_scaffold23695_334	Ca_desig_scaffold	334	[A/C]	NA
Ca_DesigChr_scaffold23695_396	Ca_desig_scaffold	396	[A/C]	NA
Ca_DesigChr_scaffold23732_1099	Ca_desig_scaffold	1099	[A/G]	NA
Ca_DesigChr_scaffold23830_788	Ca_desig_scaffold	788	[T/A]	NA
Ca_DesigChr_scaffold23830_789	Ca_desig_scaffold	789	[G/T]	NA
Ca_DesigChr_scaffold23830_790	Ca_desig_scaffold	790	[C/G]	NA
Ca_DesigChr_scaffold23830_792	Ca_desig_scaffold	792	[C/T]	NA
Ca_DesigChr_scaffold23830_794	Ca_desig_scaffold	794	[A/G]	NA
Ca_DesigChr_scaffold23830_795	Ca_desig_scaffold	795	[A/G]	NA
Ca_DesigChr_scaffold23830_796	Ca_desig_scaffold	796	[A/G]	NA
Ca_DesigChr_scaffold23830_798	Ca_desig_scaffold	798	[C/T]	NA
Ca_DesigChr_scaffold23830_799	Ca_desig_scaffold	799	[C/T]	NA
Ca_DesigChr_scaffold23830_800	Ca_desig_scaffold	800	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold23830_801	Ca_desi_scaffold	801	[C/T]	NA
Ca_Desi_Ch_scaffold23830_802	Ca_desi_scaffold	802	[G/A]	NA
Ca_Desi_Ch_scaffold23830_803	Ca_desi_scaffold	803	[T/C]	NA
Ca_Desi_Ch_scaffold23830_805	Ca_desi_scaffold	805	[C/T]	NA
Ca_Desi_Ch_scaffold23830_806	Ca_desi_scaffold	806	[G/A]	NA
Ca_Desi_Ch_scaffold23830_807	Ca_desi_scaffold	807	[C/T]	NA
Ca_Desi_Ch_scaffold23830_809	Ca_desi_scaffold	809	[C/T]	NA
Ca_Desi_Ch_scaffold23830_811	Ca_desi_scaffold	811	[T/C]	NA
Ca_Desi_Ch_scaffold23830_812	Ca_desi_scaffold	812	[C/T]	NA
Ca_Desi_Ch_scaffold23830_814	Ca_desi_scaffold	814	[G/A]	NA
Ca_Desi_Ch_scaffold23830_815	Ca_desi_scaffold	815	[T/C]	NA
Ca_Desi_Ch_scaffold23830_816	Ca_desi_scaffold	816	[T/C]	NA
Ca_Desi_Ch_scaffold23830_817	Ca_desi_scaffold	817	[T/C]	NA
Ca_Desi_Ch_scaffold23830_819	Ca_desi_scaffold	819	[C/T]	NA
Ca_Desi_Ch_scaffold23830_820	Ca_desi_scaffold	820	[T/C]	NA
Ca_Desi_Ch_scaffold23830_821	Ca_desi_scaffold	821	[T/C]	NA
Ca_Desi_Ch_scaffold23830_822	Ca_desi_scaffold	822	[G/A]	NA
Ca_Desi_Ch_scaffold23830_823	Ca_desi_scaffold	823	[C/T]	NA
Ca_Desi_Ch_scaffold23830_824	Ca_desi_scaffold	824	[C/T]	NA
Ca_Desi_Ch_scaffold23830_825	Ca_desi_scaffold	825	[C/T]	NA
Ca_Desi_Ch_scaffold23830_826	Ca_desi_scaffold	826	[G/A]	NA
Ca_Desi_Ch_scaffold23830_827	Ca_desi_scaffold	827	[C/T]	NA
Ca_Desi_Ch_scaffold23830_828	Ca_desi_scaffold	828	[T/C]	NA
Ca_Desi_Ch_scaffold23830_829	Ca_desi_scaffold	829	[A/G]	NA
Ca_Desi_Ch_scaffold23830_832	Ca_desi_scaffold	832	[T/A]	NA
Ca_Desi_Ch_scaffold23830_835	Ca_desi_scaffold	835	[A/G]	NA
Ca_Desi_Ch_scaffold23830_836	Ca_desi_scaffold	836	[A/G]	NA
Ca_Desi_Ch_scaffold23830_837	Ca_desi_scaffold	837	[T/C]	NA
Ca_Desi_Ch_scaffold23830_840	Ca_desi_scaffold	840	[A/G]	NA
Ca_Desi_Ch_scaffold23830_846	Ca_desi_scaffold	846	[A/G]	NA
Ca_Desi_Ch_scaffold23830_851	Ca_desi_scaffold	851	[A/G]	NA
Ca_Desi_Ch_scaffold23830_856	Ca_desi_scaffold	856	[A/G]	NA
Ca_Desi_Ch_scaffold23830_858	Ca_desi_scaffold	858	[A/G]	NA
Ca_Desi_Ch_scaffold23830_860	Ca_desi_scaffold	860	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold23830_862	Ca_desi_scaffold	862	[T/G]	NA
Ca_Desi_Ch_scaffold23830_865	Ca_desi_scaffold	865	[T/C]	NA
Ca_Desi_Ch_scaffold23830_870	Ca_desi_scaffold	870	[A/G]	NA
Ca_Desi_Ch_scaffold23830_871	Ca_desi_scaffold	871	[T/C]	NA
Ca_Desi_Ch_scaffold23830_872	Ca_desi_scaffold	872	[T/C]	NA
Ca_Desi_Ch_scaffold23830_873	Ca_desi_scaffold	873	[C/T]	NA
Ca_Desi_Ch_scaffold23830_876	Ca_desi_scaffold	876	[A/G]	NA
Ca_Desi_Ch_scaffold23830_877	Ca_desi_scaffold	877	[A/G]	NA
Ca_Desi_Ch_scaffold23830_878	Ca_desi_scaffold	878	[G/A]	NA
Ca_Desi_Ch_scaffold23830_886	Ca_desi_scaffold	886	[C/A]	NA
Ca_Desi_Ch_scaffold23830_887	Ca_desi_scaffold	887	[T/C]	NA
Ca_Desi_Ch_scaffold23830_891	Ca_desi_scaffold	891	[T/C]	NA
Ca_Desi_Ch_scaffold23830_892	Ca_desi_scaffold	892	[T/C]	NA
Ca_Desi_Ch_scaffold23830_904	Ca_desi_scaffold	904	[C/A]	NA
Ca_Desi_Ch_scaffold23830_905	Ca_desi_scaffold	905	[A/G]	NA
Ca_Desi_Ch_scaffold23830_906	Ca_desi_scaffold	906	[C/A]	NA
Ca_Desi_Ch_scaffold23830_907	Ca_desi_scaffold	907	[A/T]	NA
Ca_Desi_Ch_scaffold23830_908	Ca_desi_scaffold	908	[G/C]	NA
Ca_Desi_Ch_scaffold23830_960	Ca_desi_scaffold	960	[C/A]	NA
Ca_Desi_Ch_scaffold23830_961	Ca_desi_scaffold	961	[T/G]	NA
Ca_Desi_Ch_scaffold23830_962	Ca_desi_scaffold	962	[C/A]	NA
Ca_Desi_Ch_scaffold23830_963	Ca_desi_scaffold	963	[A/T]	NA
Ca_Desi_Ch_scaffold23830_998	Ca_desi_scaffold	998	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1020	Ca_desi_scaffold	1020	[T/G]	NA
Ca_Desi_Ch_scaffold23830_1082	Ca_desi_scaffold	1082	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1085	Ca_desi_scaffold	1085	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1087	Ca_desi_scaffold	1087	[T/A]	NA
Ca_Desi_Ch_scaffold23830_1088	Ca_desi_scaffold	1088	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1089	Ca_desi_scaffold	1089	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1091	Ca_desi_scaffold	1091	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1093	Ca_desi_scaffold	1093	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1095	Ca_desi_scaffold	1095	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1097	Ca_desi_scaffold	1097	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1099	Ca_desi_scaffold	1099	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold23830_1100	Ca_desi_scaffold	1100	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1103	Ca_desi_scaffold	1103	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1104	Ca_desi_scaffold	1104	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1109	Ca_desi_scaffold	1109	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1112	Ca_desi_scaffold	1112	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1115	Ca_desi_scaffold	1115	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1117	Ca_desi_scaffold	1117	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1120	Ca_desi_scaffold	1120	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1121	Ca_desi_scaffold	1121	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1122	Ca_desi_scaffold	1122	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1123	Ca_desi_scaffold	1123	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1125	Ca_desi_scaffold	1125	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1128	Ca_desi_scaffold	1128	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1129	Ca_desi_scaffold	1129	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1130	Ca_desi_scaffold	1130	[C/T]	NA
Ca_Desi_Ch_scaffold23830_1134	Ca_desi_scaffold	1134	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1135	Ca_desi_scaffold	1135	[G/A]	NA
Ca_Desi_Ch_scaffold23830_1136	Ca_desi_scaffold	1136	[T/C]	NA
Ca_Desi_Ch_scaffold23830_1138	Ca_desi_scaffold	1138	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1139	Ca_desi_scaffold	1139	[A/G]	NA
Ca_Desi_Ch_scaffold23830_1141	Ca_desi_scaffold	1141	[G/C]	NA
Ca_Desi_Ch_scaffold23877_345	Ca_desi_scaffold	345	[T/C]	NA
Ca_Desi_Ch_scaffold23877_346	Ca_desi_scaffold	346	[T/C]	NA
Ca_Desi_Ch_scaffold23877_347	Ca_desi_scaffold	347	[A/G]	NA
Ca_Desi_Ch_scaffold23877_349	Ca_desi_scaffold	349	[T/C]	NA
Ca_Desi_Ch_scaffold23877_350	Ca_desi_scaffold	350	[T/C]	NA
Ca_Desi_Ch_scaffold23877_351	Ca_desi_scaffold	351	[G/A]	NA
Ca_Desi_Ch_scaffold23877_352	Ca_desi_scaffold	352	[A/G]	NA
Ca_Desi_Ch_scaffold23877_353	Ca_desi_scaffold	353	[T/C]	NA
Ca_Desi_Ch_scaffold23877_354	Ca_desi_scaffold	354	[G/A]	NA
Ca_Desi_Ch_scaffold23877_355	Ca_desi_scaffold	355	[T/C]	NA
Ca_Desi_Ch_scaffold23877_357	Ca_desi_scaffold	357	[A/G]	NA
Ca_Desi_Ch_scaffold23877_358	Ca_desi_scaffold	358	[A/G]	NA
Ca_Desi_Ch_scaffold23877_359	Ca_desi_scaffold	359	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold23877_360	Ca_desig_scaffold	360	[G/A]	NA
Ca_Desig_Chr_scaffold23877_361	Ca_desig_scaffold	361	[A/G]	NA
Ca_Desig_Chr_scaffold23877_362	Ca_desig_scaffold	362	[A/G]	NA
Ca_Desig_Chr_scaffold23877_363	Ca_desig_scaffold	363	[T/C]	NA
Ca_Desig_Chr_scaffold23877_364	Ca_desig_scaffold	364	[C/T]	NA
Ca_Desig_Chr_scaffold23877_365	Ca_desig_scaffold	365	[C/T]	NA
Ca_Desig_Chr_scaffold23877_366	Ca_desig_scaffold	366	[C/T]	NA
Ca_Desig_Chr_scaffold23877_369	Ca_desig_scaffold	369	[T/C]	NA
Ca_Desig_Chr_scaffold23877_370	Ca_desig_scaffold	370	[T/C]	NA
Ca_Desig_Chr_scaffold23877_371	Ca_desig_scaffold	371	[G/A]	NA
Ca_Desig_Chr_scaffold23877_373	Ca_desig_scaffold	373	[T/C]	NA
Ca_Desig_Chr_scaffold23877_374	Ca_desig_scaffold	374	[T/C]	NA
Ca_Desig_Chr_scaffold23877_376	Ca_desig_scaffold	376	[C/T]	NA
Ca_Desig_Chr_scaffold23877_377	Ca_desig_scaffold	377	[T/C]	NA
Ca_Desig_Chr_scaffold23877_378	Ca_desig_scaffold	378	[A/G]	NA
Ca_Desig_Chr_scaffold23877_380	Ca_desig_scaffold	380	[T/C]	NA
Ca_Desig_Chr_scaffold23877_381	Ca_desig_scaffold	381	[C/T]	NA
Ca_Desig_Chr_scaffold23877_382	Ca_desig_scaffold	382	[A/T]	NA
Ca_Desig_Chr_scaffold23877_383	Ca_desig_scaffold	383	[T/C]	NA
Ca_Desig_Chr_scaffold23877_384	Ca_desig_scaffold	384	[T/C]	NA
Ca_Desig_Chr_scaffold23877_385	Ca_desig_scaffold	385	[T/C]	NA
Ca_Desig_Chr_scaffold23877_386	Ca_desig_scaffold	386	[A/G]	NA
Ca_Desig_Chr_scaffold23877_388	Ca_desig_scaffold	388	[T/C]	NA
Ca_Desig_Chr_scaffold23877_389	Ca_desig_scaffold	389	[A/G]	NA
Ca_Desig_Chr_scaffold23877_390	Ca_desig_scaffold	390	[T/C]	NA
Ca_Desig_Chr_scaffold23877_391	Ca_desig_scaffold	391	[G/A]	NA
Ca_Desig_Chr_scaffold23877_392	Ca_desig_scaffold	392	[G/A]	NA
Ca_Desig_Chr_scaffold23877_393	Ca_desig_scaffold	393	[T/C]	NA
Ca_Desig_Chr_scaffold23877_395	Ca_desig_scaffold	395	[T/C]	NA
Ca_Desig_Chr_scaffold23877_396	Ca_desig_scaffold	396	[T/C]	NA
Ca_Desig_Chr_scaffold23877_397	Ca_desig_scaffold	397	[G/A]	NA
Ca_Desig_Chr_scaffold23877_398	Ca_desig_scaffold	398	[C/T]	NA
Ca_Desig_Chr_scaffold23877_399	Ca_desig_scaffold	399	[T/C]	NA
Ca_Desig_Chr_scaffold23877_400	Ca_desig_scaffold	400	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold23877_401	Ca_desi_scaffold	401	[G/A]	NA
Ca_Desi_Ch_scaffold23877_431	Ca_desi_scaffold	431	[T/C]	NA
Ca_Desi_Ch_scaffold23877_432	Ca_desi_scaffold	432	[T/C]	NA
Ca_Desi_Ch_scaffold23877_434	Ca_desi_scaffold	434	[T/C]	NA
Ca_Desi_Ch_scaffold23877_436	Ca_desi_scaffold	436	[T/C]	NA
Ca_Desi_Ch_scaffold23877_437	Ca_desi_scaffold	437	[T/C]	NA
Ca_Desi_Ch_scaffold23877_439	Ca_desi_scaffold	439	[T/C]	NA
Ca_Desi_Ch_scaffold23877_440	Ca_desi_scaffold	440	[T/C]	NA
Ca_Desi_Ch_scaffold23877_441	Ca_desi_scaffold	441	[T/C]	NA
Ca_Desi_Ch_scaffold23877_443	Ca_desi_scaffold	443	[T/C]	NA
Ca_Desi_Ch_scaffold23877_444	Ca_desi_scaffold	444	[T/C]	NA
Ca_Desi_Ch_scaffold23877_445	Ca_desi_scaffold	445	[T/C]	NA
Ca_Desi_Ch_scaffold23877_448	Ca_desi_scaffold	448	[T/C]	NA
Ca_Desi_Ch_scaffold23877_450	Ca_desi_scaffold	450	[A/G]	NA
Ca_Desi_Ch_scaffold23877_458	Ca_desi_scaffold	458	[T/C]	NA
Ca_Desi_Ch_scaffold23877_459	Ca_desi_scaffold	459	[T/C]	NA
Ca_Desi_Ch_scaffold23877_460	Ca_desi_scaffold	460	[T/C]	NA
Ca_Desi_Ch_scaffold23877_461	Ca_desi_scaffold	461	[A/G]	NA
Ca_Desi_Ch_scaffold23877_466	Ca_desi_scaffold	466	[T/C]	NA
Ca_Desi_Ch_scaffold23877_467	Ca_desi_scaffold	467	[T/C]	NA
Ca_Desi_Ch_scaffold23877_470	Ca_desi_scaffold	470	[T/C]	NA
Ca_Desi_Ch_scaffold23877_471	Ca_desi_scaffold	471	[T/C]	NA
Ca_Desi_Ch_scaffold23877_472	Ca_desi_scaffold	472	[T/C]	NA
Ca_Desi_Ch_scaffold23877_473	Ca_desi_scaffold	473	[C/T]	NA
Ca_Desi_Ch_scaffold23877_475	Ca_desi_scaffold	475	[T/C]	NA
Ca_Desi_Ch_scaffold23877_476	Ca_desi_scaffold	476	[T/C]	NA
Ca_Desi_Ch_scaffold23877_477	Ca_desi_scaffold	477	[T/C]	NA
Ca_Desi_Ch_scaffold23877_478	Ca_desi_scaffold	478	[C/T]	NA
Ca_Desi_Ch_scaffold23877_479	Ca_desi_scaffold	479	[G/A]	NA
Ca_Desi_Ch_scaffold23877_481	Ca_desi_scaffold	481	[G/A]	NA
Ca_Desi_Ch_scaffold23877_483	Ca_desi_scaffold	483	[T/C]	NA
Ca_Desi_Ch_scaffold23877_484	Ca_desi_scaffold	484	[A/G]	NA
Ca_Desi_Ch_scaffold23926_768	Ca_desi_scaffold	768	[T/C]	NA
Ca_Desi_Ch_scaffold23926_786	Ca_desi_scaffold	786	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold23978_332	Ca_desi_scaffold	332	[G/C]	NA
Ca_Desi_Ch_scaffold23984_446	Ca_desi_scaffold	446	[A/C]	NA
Ca_Desi_Ch_scaffold23984_916	Ca_desi_scaffold	916	[A/C]	NA
Ca_Desi_Ch_scaffold23984_927	Ca_desi_scaffold	927	[T/G]	NA
Ca_Desi_Ch_scaffold23984_976	Ca_desi_scaffold	976	[A/T]	NA
Ca_Desi_Ch_scaffold23984_979	Ca_desi_scaffold	979	[G/A]	NA
Ca_Desi_Ch_scaffold23984_980	Ca_desi_scaffold	980	[A/G]	NA
Ca_Desi_Ch_scaffold23984_981	Ca_desi_scaffold	981	[A/G]	NA
Ca_Desi_Ch_scaffold23984_982	Ca_desi_scaffold	982	[T/C]	NA
Ca_Desi_Ch_scaffold23984_983	Ca_desi_scaffold	983	[T/C]	NA
Ca_Desi_Ch_scaffold23984_986	Ca_desi_scaffold	986	[C/T]	NA
Ca_Desi_Ch_scaffold23984_987	Ca_desi_scaffold	987	[C/T]	NA
Ca_Desi_Ch_scaffold23984_988	Ca_desi_scaffold	988	[A/G]	NA
Ca_Desi_Ch_scaffold23984_989	Ca_desi_scaffold	989	[T/C]	NA
Ca_Desi_Ch_scaffold23984_990	Ca_desi_scaffold	990	[A/G]	NA
Ca_Desi_Ch_scaffold23984_991	Ca_desi_scaffold	991	[C/T]	NA
Ca_Desi_Ch_scaffold23984_992	Ca_desi_scaffold	992	[A/G]	NA
Ca_Desi_Ch_scaffold23984_993	Ca_desi_scaffold	993	[G/A]	NA
Ca_Desi_Ch_scaffold23984_994	Ca_desi_scaffold	994	[A/G]	NA
Ca_Desi_Ch_scaffold23984_995	Ca_desi_scaffold	995	[T/C]	NA
Ca_Desi_Ch_scaffold23984_996	Ca_desi_scaffold	996	[A/G]	NA
Ca_Desi_Ch_scaffold23984_997	Ca_desi_scaffold	997	[G/A]	NA
Ca_Desi_Ch_scaffold23984_998	Ca_desi_scaffold	998	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1000	Ca_desi_scaffold	1000	[G/A]	NA
Ca_Desi_Ch_scaffold23984_1001	Ca_desi_scaffold	1001	[C/T]	NA
Ca_Desi_Ch_scaffold23984_1002	Ca_desi_scaffold	1002	[G/A]	NA
Ca_Desi_Ch_scaffold23984_1005	Ca_desi_scaffold	1005	[T/C]	NA
Ca_Desi_Ch_scaffold23984_1006	Ca_desi_scaffold	1006	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1007	Ca_desi_scaffold	1007	[T/C]	NA
Ca_Desi_Ch_scaffold23984_1008	Ca_desi_scaffold	1008	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1011	Ca_desi_scaffold	1011	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1015	Ca_desi_scaffold	1015	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1016	Ca_desi_scaffold	1016	[T/C]	NA
Ca_Desi_Ch_scaffold23984_1017	Ca_desi_scaffold	1017	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold23984_1019	Ca_desi_scaffold	1019	[T/C]	NA
Ca_Desi_Ch_scaffold23984_1020	Ca_desi_scaffold	1020	[C/T]	NA
Ca_Desi_Ch_scaffold23984_1021	Ca_desi_scaffold	1021	[C/T]	NA
Ca_Desi_Ch_scaffold23984_1022	Ca_desi_scaffold	1022	[G/A]	NA
Ca_Desi_Ch_scaffold23984_1023	Ca_desi_scaffold	1023	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1024	Ca_desi_scaffold	1024	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1025	Ca_desi_scaffold	1025	[G/A]	NA
Ca_Desi_Ch_scaffold23984_1026	Ca_desi_scaffold	1026	[G/A]	NA
Ca_Desi_Ch_scaffold23984_1027	Ca_desi_scaffold	1027	[C/A]	NA
Ca_Desi_Ch_scaffold23984_1028	Ca_desi_scaffold	1028	[T/C]	NA
Ca_Desi_Ch_scaffold23984_1029	Ca_desi_scaffold	1029	[T/C]	NA
Ca_Desi_Ch_scaffold23984_1030	Ca_desi_scaffold	1030	[C/T]	NA
Ca_Desi_Ch_scaffold23984_1031	Ca_desi_scaffold	1031	[G/A]	NA
Ca_Desi_Ch_scaffold23984_1032	Ca_desi_scaffold	1032	[G/A]	NA
Ca_Desi_Ch_scaffold23984_1033	Ca_desi_scaffold	1033	[G/A]	NA
Ca_Desi_Ch_scaffold23984_1034	Ca_desi_scaffold	1034	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1035	Ca_desi_scaffold	1035	[T/C]	NA
Ca_Desi_Ch_scaffold23984_1036	Ca_desi_scaffold	1036	[C/T]	NA
Ca_Desi_Ch_scaffold23984_1100	Ca_desi_scaffold	1100	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1101	Ca_desi_scaffold	1101	[C/T]	NA
Ca_Desi_Ch_scaffold23984_1102	Ca_desi_scaffold	1102	[G/A]	NA
Ca_Desi_Ch_scaffold23984_1103	Ca_desi_scaffold	1103	[G/A]	NA
Ca_Desi_Ch_scaffold23984_1104	Ca_desi_scaffold	1104	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1105	Ca_desi_scaffold	1105	[G/A]	NA
Ca_Desi_Ch_scaffold23984_1106	Ca_desi_scaffold	1106	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1107	Ca_desi_scaffold	1107	[C/T]	NA
Ca_Desi_Ch_scaffold23984_1108	Ca_desi_scaffold	1108	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1109	Ca_desi_scaffold	1109	[T/C]	NA
Ca_Desi_Ch_scaffold23984_1110	Ca_desi_scaffold	1110	[C/T]	NA
Ca_Desi_Ch_scaffold23984_1112	Ca_desi_scaffold	1112	[T/C]	NA
Ca_Desi_Ch_scaffold23984_1113	Ca_desi_scaffold	1113	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1114	Ca_desi_scaffold	1114	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1115	Ca_desi_scaffold	1115	[A/G]	NA
Ca_Desi_Ch_scaffold23984_1116	Ca_desi_scaffold	1116	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold23984_1117	Ca_desi_scaffold	1117	[T/C]	NA
Ca_Desi_Chromosome_scaffold23984_1118	Ca_desi_scaffold	1118	[G/A]	NA
Ca_Desi_Chromosome_scaffold23984_1119	Ca_desi_scaffold	1119	[G/A]	NA
Ca_Desi_Chromosome_scaffold23984_1120	Ca_desi_scaffold	1120	[T/C]	NA
Ca_Desi_Chromosome_scaffold23984_1121	Ca_desi_scaffold	1121	[C/T]	NA
Ca_Desi_Chromosome_scaffold23984_1122	Ca_desi_scaffold	1122	[T/C]	NA
Ca_Desi_Chromosome_scaffold23984_1123	Ca_desi_scaffold	1123	[G/A]	NA
Ca_Desi_Chromosome_scaffold23984_1124	Ca_desi_scaffold	1124	[C/T]	NA
Ca_Desi_Chromosome_scaffold23984_1125	Ca_desi_scaffold	1125	[G/A]	NA
Ca_Desi_Chromosome_scaffold23984_1126	Ca_desi_scaffold	1126	[G/A]	NA
Ca_Desi_Chromosome_scaffold23984_1127	Ca_desi_scaffold	1127	[G/A]	NA
Ca_Desi_Chromosome_scaffold23984_1128	Ca_desi_scaffold	1128	[C/T]	NA
Ca_Desi_Chromosome_scaffold23984_1129	Ca_desi_scaffold	1129	[A/G]	NA
Ca_Desi_Chromosome_scaffold23984_1130	Ca_desi_scaffold	1130	[T/C]	NA
Ca_Desi_Chromosome_scaffold23984_1132	Ca_desi_scaffold	1132	[G/A]	NA
Ca_Desi_Chromosome_scaffold23984_1133	Ca_desi_scaffold	1133	[C/T]	NA
Ca_Desi_Chromosome_scaffold23984_1134	Ca_desi_scaffold	1134	[G/A]	NA
Ca_Desi_Chromosome_scaffold23984_1135	Ca_desi_scaffold	1135	[A/G]	NA
Ca_Desi_Chromosome_scaffold23984_1136	Ca_desi_scaffold	1136	[T/C]	NA
Ca_Desi_Chromosome_scaffold23984_1137	Ca_desi_scaffold	1137	[A/G]	NA
Ca_Desi_Chromosome_scaffold23984_1138	Ca_desi_scaffold	1138	[A/G]	NA
Ca_Desi_Chromosome_scaffold23984_1139	Ca_desi_scaffold	1139	[G/T]	NA
Ca_Desi_Chromosome_scaffold23984_1140	Ca_desi_scaffold	1140	[T/C]	NA
Ca_Desi_Chromosome_scaffold23984_1143	Ca_desi_scaffold	1143	[T/C]	NA
Ca_Desi_Chromosome_scaffold23984_1145	Ca_desi_scaffold	1145	[T/C]	NA
Ca_Desi_Chromosome_scaffold23984_1147	Ca_desi_scaffold	1147	[T/C]	NA
Ca_Desi_Chromosome_scaffold23984_1148	Ca_desi_scaffold	1148	[C/T]	NA
Ca_Desi_Chromosome_scaffold23984_1149	Ca_desi_scaffold	1149	[C/T]	NA
Ca_Desi_Chromosome_scaffold23984_1150	Ca_desi_scaffold	1150	[T/C]	NA
Ca_Desi_Chromosome_scaffold23984_1151	Ca_desi_scaffold	1151	[A/G]	NA
Ca_Desi_Chromosome_scaffold23984_1153	Ca_desi_scaffold	1153	[T/C]	NA
Ca_Desi_Chromosome_scaffold23984_1154	Ca_desi_scaffold	1154	[A/G]	NA
Ca_Desi_Chromosome_scaffold23984_1155	Ca_desi_scaffold	1155	[C/T]	NA
Ca_Desi_Chromosome_scaffold23984_1156	Ca_desi_scaffold	1156	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chr_scaffold23984_1157	Ca_desi_scaffold	1157	[G/A]	NA
Ca_Desi_Chr_scaffold23984_1158	Ca_desi_scaffold	1158	[G/A]	NA
Ca_Desi_Chr_scaffold23984_1159	Ca_desi_scaffold	1159	[T/C]	NA
Ca_Desi_Chr_scaffold23984_1213	Ca_desi_scaffold	1213	[T/G]	NA
Ca_Desi_Chr_scaffold24239_1114	Ca_desi_scaffold	1114	[T/G]	NA
Ca_Desi_Chr_scaffold24257_71	Ca_desi_scaffold	71	[A/G]	NA
Ca_Desi_Chr_scaffold24257_72	Ca_desi_scaffold	72	[T/C]	NA
Ca_Desi_Chr_scaffold24257_79	Ca_desi_scaffold	79	[A/G]	NA
Ca_Desi_Chr_scaffold24257_81	Ca_desi_scaffold	81	[A/G]	NA
Ca_Desi_Chr_scaffold24257_84	Ca_desi_scaffold	84	[A/G]	NA
Ca_Desi_Chr_scaffold24257_91	Ca_desi_scaffold	91	[A/G]	NA
Ca_Desi_Chr_scaffold24257_93	Ca_desi_scaffold	93	[T/G]	NA
Ca_Desi_Chr_scaffold24257_95	Ca_desi_scaffold	95	[A/G]	NA
Ca_Desi_Chr_scaffold24257_102	Ca_desi_scaffold	102	[A/C]	NA
Ca_Desi_Chr_scaffold24257_106	Ca_desi_scaffold	106	[A/G]	NA
Ca_Desi_Chr_scaffold24257_108	Ca_desi_scaffold	108	[T/C]	NA
Ca_Desi_Chr_scaffold24257_116	Ca_desi_scaffold	116	[A/G]	NA
Ca_Desi_Chr_scaffold24257_120	Ca_desi_scaffold	120	[T/C]	NA
Ca_Desi_Chr_scaffold24257_122	Ca_desi_scaffold	122	[T/C]	NA
Ca_Desi_Chr_scaffold24257_127	Ca_desi_scaffold	127	[A/G]	NA
Ca_Desi_Chr_scaffold24395_220	Ca_desi_scaffold	220	[A/G]	NA
Ca_Desi_Chr_scaffold24395_256	Ca_desi_scaffold	256	[G/T]	NA
Ca_Desi_Chr_scaffold24515_709	Ca_desi_scaffold	709	[C/A]	NA
Ca_Desi_Chr_scaffold24554_632	Ca_desi_scaffold	632	[A/T]	NA
Ca_Desi_Chr_scaffold24778_504	Ca_desi_scaffold	504	[T/G]	NA
Ca_Desi_Chr_scaffold24778_532	Ca_desi_scaffold	532	[T/A]	NA
Ca_Desi_Chr_scaffold24829_572	Ca_desi_scaffold	572	[T/C]	NA
Ca_Desi_Chr_scaffold24829_580	Ca_desi_scaffold	580	[T/A]	NA
Ca_Desi_Chr_scaffold24829_603	Ca_desi_scaffold	603	[T/C]	NA
Ca_Desi_Chr_scaffold24829_609	Ca_desi_scaffold	609	[A/C]	NA
Ca_Desi_Chr_scaffold24829_612	Ca_desi_scaffold	612	[A/C]	NA
Ca_Desi_Chr_scaffold24829_615	Ca_desi_scaffold	615	[A/C]	NA
Ca_Desi_Chr_scaffold24829_629	Ca_desi_scaffold	629	[A/C]	NA
Ca_Desi_Chr_scaffold24829_744	Ca_desi_scaffold	744	[C/T]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold24829_778	Ca_desi_scaffold	778	[G/C]	NA
Ca_Desi_Ch_scaffold24976_1270	Ca_desi_scaffold	1270	[G/A]	NA
Ca_Desi_Ch_scaffold24976_1294	Ca_desi_scaffold	1294	[A/G]	NA
Ca_Desi_Ch_scaffold24986_655	Ca_desi_scaffold	655	[T/G]	NA
Ca_Desi_Ch_scaffold24986_664	Ca_desi_scaffold	664	[T/G]	NA
Ca_Desi_Ch_scaffold24986_678	Ca_desi_scaffold	678	[A/C]	NA
Ca_Desi_Ch_scaffold24986_690	Ca_desi_scaffold	690	[A/G]	NA
Ca_Desi_Ch_scaffold24986_706	Ca_desi_scaffold	706	[A/G]	NA
Ca_Desi_Ch_scaffold24988_1049	Ca_desi_scaffold	1049	[C/T]	NA
Ca_Desi_Ch_scaffold25004_101	Ca_desi_scaffold	101	[T/A]	NA
Ca_Desi_Ch_scaffold25004_732	Ca_desi_scaffold	732	[T/C]	NA
Ca_Desi_Ch_scaffold25004_832	Ca_desi_scaffold	832	[A/G]	NA
Ca_Desi_Ch_scaffold25004_834	Ca_desi_scaffold	834	[A/T]	NA
Ca_Desi_Ch_scaffold25004_1071	Ca_desi_scaffold	1071	[A/C]	NA
Ca_Desi_Ch_scaffold25255_764	Ca_desi_scaffold	764	[T/G]	NA
Ca_Desi_Ch_scaffold25255_782	Ca_desi_scaffold	782	[G/A]	NA
Ca_Desi_Ch_scaffold25255_785	Ca_desi_scaffold	785	[A/C]	NA
Ca_Desi_Ch_scaffold25255_787	Ca_desi_scaffold	787	[C/T]	NA
Ca_Desi_Ch_scaffold25304_1091	Ca_desi_scaffold	1091	[A/G]	NA
Ca_Desi_Ch_scaffold25424_121	Ca_desi_scaffold	121	[T/G]	NA
Ca_Desi_Ch_scaffold25459_134	Ca_desi_scaffold	134	[T/C]	NA
Ca_Desi_Ch_scaffold25459_135	Ca_desi_scaffold	135	[T/C]	NA
Ca_Desi_Ch_scaffold25459_136	Ca_desi_scaffold	136	[A/G]	NA
Ca_Desi_Ch_scaffold25459_138	Ca_desi_scaffold	138	[A/G]	NA
Ca_Desi_Ch_scaffold25459_139	Ca_desi_scaffold	139	[T/C]	NA
Ca_Desi_Ch_scaffold25459_141	Ca_desi_scaffold	141	[A/G]	NA
Ca_Desi_Ch_scaffold25459_143	Ca_desi_scaffold	143	[G/A]	NA
Ca_Desi_Ch_scaffold25459_145	Ca_desi_scaffold	145	[G/A]	NA
Ca_Desi_Ch_scaffold25459_146	Ca_desi_scaffold	146	[A/G]	NA
Ca_Desi_Ch_scaffold25459_148	Ca_desi_scaffold	148	[A/G]	NA
Ca_Desi_Ch_scaffold25459_150	Ca_desi_scaffold	150	[T/C]	NA
Ca_Desi_Ch_scaffold25459_153	Ca_desi_scaffold	153	[A/G]	NA
Ca_Desi_Ch_scaffold25459_154	Ca_desi_scaffold	154	[T/C]	NA
Ca_Desi_Ch_scaffold25459_157	Ca_desi_scaffold	157	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold25459_158	Ca_desi_scaffold	158	[C/T]	NA
Ca_Desi_Chromosome_scaffold25459_159	Ca_desi_scaffold	159	[A/G]	NA
Ca_Desi_Chromosome_scaffold25459_160	Ca_desi_scaffold	160	[A/G]	NA
Ca_Desi_Chromosome_scaffold25459_162	Ca_desi_scaffold	162	[A/C]	NA
Ca_Desi_Chromosome_scaffold25459_164	Ca_desi_scaffold	164	[A/C]	NA
Ca_Desi_Chromosome_scaffold25459_166	Ca_desi_scaffold	166	[A/C]	NA
Ca_Desi_Chromosome_scaffold25459_169	Ca_desi_scaffold	169	[T/C]	NA
Ca_Desi_Chromosome_scaffold25459_170	Ca_desi_scaffold	170	[A/C]	NA
Ca_Desi_Chromosome_scaffold25459_173	Ca_desi_scaffold	173	[T/C]	NA
Ca_Desi_Chromosome_scaffold25459_174	Ca_desi_scaffold	174	[A/G]	NA
Ca_Desi_Chromosome_scaffold25459_175	Ca_desi_scaffold	175	[A/G]	NA
Ca_Desi_Chromosome_scaffold25459_176	Ca_desi_scaffold	176	[A/G]	NA
Ca_Desi_Chromosome_scaffold25459_182	Ca_desi_scaffold	182	[T/C]	NA
Ca_Desi_Chromosome_scaffold25459_183	Ca_desi_scaffold	183	[A/G]	NA
Ca_Desi_Chromosome_scaffold25459_186	Ca_desi_scaffold	186	[T/C]	NA
Ca_Desi_Chromosome_scaffold25459_187	Ca_desi_scaffold	187	[T/C]	NA
Ca_Desi_Chromosome_scaffold25459_192	Ca_desi_scaffold	192	[T/C]	NA
Ca_Desi_Chromosome_scaffold25459_193	Ca_desi_scaffold	193	[T/C]	NA
Ca_Desi_Chromosome_scaffold25505_615	Ca_desi_scaffold	615	[G/T]	NA
Ca_Desi_Chromosome_scaffold25506_906	Ca_desi_scaffold	906	[C/T]	NA
Ca_Desi_Chromosome_scaffold25634_180	Ca_desi_scaffold	180	[T/G]	NA
Ca_Desi_Chromosome_scaffold25634_193	Ca_desi_scaffold	193	[A/G]	NA
Ca_Desi_Chromosome_scaffold25636_353	Ca_desi_scaffold	353	[A/C]	NA
Ca_Desi_Chromosome_scaffold25636_361	Ca_desi_scaffold	361	[T/C]	NA
Ca_Desi_Chromosome_scaffold25636_365	Ca_desi_scaffold	365	[G/C]	NA
Ca_Desi_Chromosome_scaffold25810_343	Ca_desi_scaffold	343	[G/A]	NA
Ca_Desi_Chromosome_scaffold25810_387	Ca_desi_scaffold	387	[A/G]	NA
Ca_Desi_Chromosome_scaffold25810_390	Ca_desi_scaffold	390	[A/G]	NA
Ca_Desi_Chromosome_scaffold25810_391	Ca_desi_scaffold	391	[C/G]	NA
Ca_Desi_Chromosome_scaffold25810_396	Ca_desi_scaffold	396	[A/G]	NA
Ca_Desi_Chromosome_scaffold25810_401	Ca_desi_scaffold	401	[T/C]	NA
Ca_Desi_Chromosome_scaffold25810_414	Ca_desi_scaffold	414	[A/G]	NA
Ca_Desi_Chromosome_scaffold25810_421	Ca_desi_scaffold	421	[T/C]	NA
Ca_Desi_Chromosome_scaffold25810_424	Ca_desi_scaffold	424	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold25810_425	Ca_desi_scaffold	425	[A/G]	NA
Ca_Desi_Ch_scaffold25810_428	Ca_desi_scaffold	428	[A/G]	NA
Ca_Desi_Ch_scaffold25810_429	Ca_desi_scaffold	429	[A/G]	NA
Ca_Desi_Ch_scaffold25810_432	Ca_desi_scaffold	432	[A/G]	NA
Ca_Desi_Ch_scaffold25810_444	Ca_desi_scaffold	444	[A/G]	NA
Ca_Desi_Ch_scaffold25810_446	Ca_desi_scaffold	446	[A/G]	NA
Ca_Desi_Ch_scaffold25810_449	Ca_desi_scaffold	449	[T/C]	NA
Ca_Desi_Ch_scaffold26049_1086	Ca_desi_scaffold	1086	[A/T]	NA
Ca_Desi_Ch_scaffold26119_366	Ca_desi_scaffold	366	[T/C]	NA
Ca_Desi_Ch_scaffold26119_367	Ca_desi_scaffold	367	[G/T]	NA
Ca_Desi_Ch_scaffold26119_368	Ca_desi_scaffold	368	[C/T]	NA
Ca_Desi_Ch_scaffold26119_369	Ca_desi_scaffold	369	[C/T]	NA
Ca_Desi_Ch_scaffold26119_370	Ca_desi_scaffold	370	[G/A]	NA
Ca_Desi_Ch_scaffold26119_371	Ca_desi_scaffold	371	[T/C]	NA
Ca_Desi_Ch_scaffold26119_373	Ca_desi_scaffold	373	[A/G]	NA
Ca_Desi_Ch_scaffold26119_375	Ca_desi_scaffold	375	[A/G]	NA
Ca_Desi_Ch_scaffold26119_377	Ca_desi_scaffold	377	[T/C]	NA
Ca_Desi_Ch_scaffold26119_378	Ca_desi_scaffold	378	[A/G]	NA
Ca_Desi_Ch_scaffold26119_379	Ca_desi_scaffold	379	[A/G]	NA
Ca_Desi_Ch_scaffold26119_380	Ca_desi_scaffold	380	[A/G]	NA
Ca_Desi_Ch_scaffold26119_381	Ca_desi_scaffold	381	[G/A]	NA
Ca_Desi_Ch_scaffold26119_384	Ca_desi_scaffold	384	[T/C]	NA
Ca_Desi_Ch_scaffold26119_385	Ca_desi_scaffold	385	[T/C]	NA
Ca_Desi_Ch_scaffold26119_386	Ca_desi_scaffold	386	[A/G]	NA
Ca_Desi_Ch_scaffold26119_388	Ca_desi_scaffold	388	[A/G]	NA
Ca_Desi_Ch_scaffold26119_389	Ca_desi_scaffold	389	[T/C]	NA
Ca_Desi_Ch_scaffold26119_390	Ca_desi_scaffold	390	[T/C]	NA
Ca_Desi_Ch_scaffold26119_391	Ca_desi_scaffold	391	[A/G]	NA
Ca_Desi_Ch_scaffold26119_392	Ca_desi_scaffold	392	[T/C]	NA
Ca_Desi_Ch_scaffold26119_393	Ca_desi_scaffold	393	[A/G]	NA
Ca_Desi_Ch_scaffold26119_394	Ca_desi_scaffold	394	[A/G]	NA
Ca_Desi_Ch_scaffold26119_395	Ca_desi_scaffold	395	[C/T]	NA
Ca_Desi_Ch_scaffold26119_396	Ca_desi_scaffold	396	[A/G]	NA
Ca_Desi_Ch_scaffold26119_399	Ca_desi_scaffold	399	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold26119_400	Ca_desig_scaffold	400	[A/G]	NA
Ca_Desig_Chr_scaffold26119_401	Ca_desig_scaffold	401	[T/C]	NA
Ca_Desig_Chr_scaffold26119_402	Ca_desig_scaffold	402	[C/T]	NA
Ca_Desig_Chr_scaffold26119_403	Ca_desig_scaffold	403	[T/C]	NA
Ca_Desig_Chr_scaffold26119_404	Ca_desig_scaffold	404	[C/T]	NA
Ca_Desig_Chr_scaffold26119_405	Ca_desig_scaffold	405	[A/G]	NA
Ca_Desig_Chr_scaffold26119_407	Ca_desig_scaffold	407	[C/T]	NA
Ca_Desig_Chr_scaffold26119_408	Ca_desig_scaffold	408	[G/A]	NA
Ca_Desig_Chr_scaffold26119_411	Ca_desig_scaffold	411	[T/C]	NA
Ca_Desig_Chr_scaffold26119_412	Ca_desig_scaffold	412	[G/C]	NA
Ca_Desig_Chr_scaffold26119_413	Ca_desig_scaffold	413	[C/T]	NA
Ca_Desig_Chr_scaffold26119_414	Ca_desig_scaffold	414	[T/C]	NA
Ca_Desig_Chr_scaffold26119_415	Ca_desig_scaffold	415	[C/T]	NA
Ca_Desig_Chr_scaffold26119_416	Ca_desig_scaffold	416	[C/T]	NA
Ca_Desig_Chr_scaffold26119_418	Ca_desig_scaffold	418	[C/T]	NA
Ca_Desig_Chr_scaffold26119_419	Ca_desig_scaffold	419	[G/A]	NA
Ca_Desig_Chr_scaffold26119_420	Ca_desig_scaffold	420	[A/G]	NA
Ca_Desig_Chr_scaffold26119_422	Ca_desig_scaffold	422	[T/C]	NA
Ca_Desig_Chr_scaffold26119_424	Ca_desig_scaffold	424	[G/A]	NA
Ca_Desig_Chr_scaffold26119_425	Ca_desig_scaffold	425	[C/A]	NA
Ca_Desig_Chr_scaffold26119_426	Ca_desig_scaffold	426	[T/C]	NA
Ca_Desig_Chr_scaffold26119_427	Ca_desig_scaffold	427	[A/G]	NA
Ca_Desig_Chr_scaffold26119_461	Ca_desig_scaffold	461	[A/G]	NA
Ca_Desig_Chr_scaffold26119_463	Ca_desig_scaffold	463	[A/G]	NA
Ca_Desig_Chr_scaffold26119_465	Ca_desig_scaffold	465	[A/G]	NA
Ca_Desig_Chr_scaffold26119_467	Ca_desig_scaffold	467	[G/A]	NA
Ca_Desig_Chr_scaffold26119_468	Ca_desig_scaffold	468	[A/G]	NA
Ca_Desig_Chr_scaffold26119_469	Ca_desig_scaffold	469	[T/C]	NA
Ca_Desig_Chr_scaffold26119_471	Ca_desig_scaffold	471	[T/C]	NA
Ca_Desig_Chr_scaffold26119_472	Ca_desig_scaffold	472	[A/G]	NA
Ca_Desig_Chr_scaffold26119_473	Ca_desig_scaffold	473	[T/C]	NA
Ca_Desig_Chr_scaffold26119_474	Ca_desig_scaffold	474	[G/A]	NA
Ca_Desig_Chr_scaffold26119_475	Ca_desig_scaffold	475	[A/G]	NA
Ca_Desig_Chr_scaffold26119_476	Ca_desig_scaffold	476	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold26119_477	Ca_desig_scaffold	477	[T/C]	NA
Ca_Desig_Chr_scaffold26119_478	Ca_desig_scaffold	478	[A/G]	NA
Ca_Desig_Chr_scaffold26119_479	Ca_desig_scaffold	479	[G/A]	NA
Ca_Desig_Chr_scaffold26119_481	Ca_desig_scaffold	481	[C/A]	NA
Ca_Desig_Chr_scaffold26119_482	Ca_desig_scaffold	482	[A/G]	NA
Ca_Desig_Chr_scaffold26119_483	Ca_desig_scaffold	483	[A/G]	NA
Ca_Desig_Chr_scaffold26119_485	Ca_desig_scaffold	485	[A/G]	NA
Ca_Desig_Chr_scaffold26119_486	Ca_desig_scaffold	486	[A/G]	NA
Ca_Desig_Chr_scaffold26119_487	Ca_desig_scaffold	487	[A/G]	NA
Ca_Desig_Chr_scaffold26119_489	Ca_desig_scaffold	489	[A/G]	NA
Ca_Desig_Chr_scaffold26119_493	Ca_desig_scaffold	493	[T/C]	NA
Ca_Desig_Chr_scaffold26119_494	Ca_desig_scaffold	494	[A/G]	NA
Ca_Desig_Chr_scaffold26119_497	Ca_desig_scaffold	497	[T/C]	NA
Ca_Desig_Chr_scaffold26119_498	Ca_desig_scaffold	498	[T/C]	NA
Ca_Desig_Chr_scaffold26119_499	Ca_desig_scaffold	499	[G/T]	NA
Ca_Desig_Chr_scaffold26119_500	Ca_desig_scaffold	500	[A/G]	NA
Ca_Desig_Chr_scaffold26119_501	Ca_desig_scaffold	501	[T/C]	NA
Ca_Desig_Chr_scaffold26119_502	Ca_desig_scaffold	502	[T/C]	NA
Ca_Desig_Chr_scaffold26119_503	Ca_desig_scaffold	503	[A/G]	NA
Ca_Desig_Chr_scaffold26119_505	Ca_desig_scaffold	505	[A/G]	NA
Ca_Desig_Chr_scaffold26119_507	Ca_desig_scaffold	507	[G/A]	NA
Ca_Desig_Chr_scaffold26119_508	Ca_desig_scaffold	508	[A/G]	NA
Ca_Desig_Chr_scaffold26119_509	Ca_desig_scaffold	509	[A/G]	NA
Ca_Desig_Chr_scaffold26119_511	Ca_desig_scaffold	511	[T/C]	NA
Ca_Desig_Chr_scaffold26119_512	Ca_desig_scaffold	512	[A/G]	NA
Ca_Desig_Chr_scaffold26119_513	Ca_desig_scaffold	513	[A/G]	NA
Ca_Desig_Chr_scaffold26119_515	Ca_desig_scaffold	515	[C/T]	NA
Ca_Desig_Chr_scaffold26119_516	Ca_desig_scaffold	516	[A/G]	NA
Ca_Desig_Chr_scaffold26119_518	Ca_desig_scaffold	518	[C/T]	NA
Ca_Desig_Chr_scaffold26119_519	Ca_desig_scaffold	519	[A/G]	NA
Ca_Desig_Chr_scaffold26119_520	Ca_desig_scaffold	520	[A/G]	NA
Ca_Desig_Chr_scaffold26119_542	Ca_desig_scaffold	542	[T/G]	NA
Ca_Desig_Chr_scaffold26119_548	Ca_desig_scaffold	548	[T/C]	NA
Ca_Desig_Chr_scaffold26119_550	Ca_desig_scaffold	550	[G/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold26119_552	Ca_desi_scaffold	552	[T/C]	NA
Ca_Desi_Ch_scaffold26119_554	Ca_desi_scaffold	554	[G/T]	NA
Ca_Desi_Ch_scaffold26119_556	Ca_desi_scaffold	556	[T/C]	NA
Ca_Desi_Ch_scaffold26119_558	Ca_desi_scaffold	558	[A/T]	NA
Ca_Desi_Ch_scaffold26119_563	Ca_desi_scaffold	563	[A/T]	NA
Ca_Desi_Ch_scaffold26119_565	Ca_desi_scaffold	565	[A/C]	NA
Ca_Desi_Ch_scaffold26119_570	Ca_desi_scaffold	570	[C/A]	NA
Ca_Desi_Ch_scaffold26119_572	Ca_desi_scaffold	572	[G/A]	NA
Ca_Desi_Ch_scaffold26119_575	Ca_desi_scaffold	575	[T/C]	NA
Ca_Desi_Ch_scaffold26119_584	Ca_desi_scaffold	584	[C/A]	NA
Ca_Desi_Ch_scaffold26119_770	Ca_desi_scaffold	770	[T/G]	NA
Ca_Desi_Ch_scaffold26119_775	Ca_desi_scaffold	775	[A/C]	NA
Ca_Desi_Ch_scaffold26119_786	Ca_desi_scaffold	786	[T/C]	NA
Ca_Desi_Ch_scaffold26119_794	Ca_desi_scaffold	794	[T/C]	NA
Ca_Desi_Ch_scaffold26119_811	Ca_desi_scaffold	811	[A/G]	NA
Ca_Desi_Ch_scaffold26119_850	Ca_desi_scaffold	850	[A/G]	NA
Ca_Desi_Ch_scaffold26119_859	Ca_desi_scaffold	859	[A/G]	NA
Ca_Desi_Ch_scaffold26119_866	Ca_desi_scaffold	866	[T/C]	NA
Ca_Desi_Ch_scaffold26119_889	Ca_desi_scaffold	889	[A/G]	NA
Ca_Desi_Ch_scaffold26121_690	Ca_desi_scaffold	690	[A/G]	NA
Ca_Desi_Ch_scaffold26331_179	Ca_desi_scaffold	179	[A/G]	NA
Ca_Desi_Ch_scaffold26551_526	Ca_desi_scaffold	526	[T/C]	NA
Ca_Desi_Ch_scaffold26551_527	Ca_desi_scaffold	527	[T/C]	NA
Ca_Desi_Ch_scaffold26551_529	Ca_desi_scaffold	529	[A/G]	NA
Ca_Desi_Ch_scaffold26551_530	Ca_desi_scaffold	530	[T/C]	NA
Ca_Desi_Ch_scaffold26551_533	Ca_desi_scaffold	533	[G/A]	NA
Ca_Desi_Ch_scaffold26551_535	Ca_desi_scaffold	535	[T/C]	NA
Ca_Desi_Ch_scaffold26551_536	Ca_desi_scaffold	536	[T/C]	NA
Ca_Desi_Ch_scaffold26551_537	Ca_desi_scaffold	537	[A/G]	NA
Ca_Desi_Ch_scaffold26551_538	Ca_desi_scaffold	538	[A/G]	NA
Ca_Desi_Ch_scaffold26551_541	Ca_desi_scaffold	541	[G/A]	NA
Ca_Desi_Ch_scaffold26551_542	Ca_desi_scaffold	542	[G/A]	NA
Ca_Desi_Ch_scaffold26551_544	Ca_desi_scaffold	544	[A/G]	NA
Ca_Desi_Ch_scaffold26551_546	Ca_desi_scaffold	546	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold26551_547	Ca_desig_scaffold	547	[T/C]	NA
Ca_Desig_Chr_scaffold26551_548	Ca_desig_scaffold	548	[T/C]	NA
Ca_Desig_Chr_scaffold26551_549	Ca_desig_scaffold	549	[C/T]	NA
Ca_Desig_Chr_scaffold26551_550	Ca_desig_scaffold	550	[G/A]	NA
Ca_Desig_Chr_scaffold26551_552	Ca_desig_scaffold	552	[A/G]	NA
Ca_Desig_Chr_scaffold26551_554	Ca_desig_scaffold	554	[A/G]	NA
Ca_Desig_Chr_scaffold26551_555	Ca_desig_scaffold	555	[T/C]	NA
Ca_Desig_Chr_scaffold26551_556	Ca_desig_scaffold	556	[C/T]	NA
Ca_Desig_Chr_scaffold26551_557	Ca_desig_scaffold	557	[T/C]	NA
Ca_Desig_Chr_scaffold26551_559	Ca_desig_scaffold	559	[C/T]	NA
Ca_Desig_Chr_scaffold26551_560	Ca_desig_scaffold	560	[A/G]	NA
Ca_Desig_Chr_scaffold26551_563	Ca_desig_scaffold	563	[A/G]	NA
Ca_Desig_Chr_scaffold26551_568	Ca_desig_scaffold	568	[A/G]	NA
Ca_Desig_Chr_scaffold26551_569	Ca_desig_scaffold	569	[A/G]	NA
Ca_Desig_Chr_scaffold26551_571	Ca_desig_scaffold	571	[T/C]	NA
Ca_Desig_Chr_scaffold26551_572	Ca_desig_scaffold	572	[A/G]	NA
Ca_Desig_Chr_scaffold26551_575	Ca_desig_scaffold	575	[A/G]	NA
Ca_Desig_Chr_scaffold26551_576	Ca_desig_scaffold	576	[T/C]	NA
Ca_Desig_Chr_scaffold26551_577	Ca_desig_scaffold	577	[A/G]	NA
Ca_Desig_Chr_scaffold26551_578	Ca_desig_scaffold	578	[T/C]	NA
Ca_Desig_Chr_scaffold26551_579	Ca_desig_scaffold	579	[T/C]	NA
Ca_Desig_Chr_scaffold26551_581	Ca_desig_scaffold	581	[A/G]	NA
Ca_Desig_Chr_scaffold26551_583	Ca_desig_scaffold	583	[C/T]	NA
Ca_Desig_Chr_scaffold26551_585	Ca_desig_scaffold	585	[A/G]	NA
Ca_Desig_Chr_scaffold26551_618	Ca_desig_scaffold	618	[T/C]	NA
Ca_Desig_Chr_scaffold26551_620	Ca_desig_scaffold	620	[T/C]	NA
Ca_Desig_Chr_scaffold26551_628	Ca_desig_scaffold	628	[T/C]	NA
Ca_Desig_Chr_scaffold26551_638	Ca_desig_scaffold	638	[A/G]	NA
Ca_Desig_Chr_scaffold26551_640	Ca_desig_scaffold	640	[A/G]	NA
Ca_Desig_Chr_scaffold26551_642	Ca_desig_scaffold	642	[T/C]	NA
Ca_Desig_Chr_scaffold26551_644	Ca_desig_scaffold	644	[T/C]	NA
Ca_Desig_Chr_scaffold26551_650	Ca_desig_scaffold	650	[T/C]	NA
Ca_Desig_Chr_scaffold26551_653	Ca_desig_scaffold	653	[A/G]	NA
Ca_Desig_Chr_scaffold26551_655	Ca_desig_scaffold	655	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold26551_657	Ca_desi_scaffold	657	[C/T]	NA
Ca_Desi_Ch_scaffold26551_659	Ca_desi_scaffold	659	[A/G]	NA
Ca_Desi_Ch_scaffold26551_660	Ca_desi_scaffold	660	[G/T]	NA
Ca_Desi_Ch_scaffold26551_661	Ca_desi_scaffold	661	[C/A]	NA
Ca_Desi_Ch_scaffold26551_662	Ca_desi_scaffold	662	[T/C]	NA
Ca_Desi_Ch_scaffold26551_663	Ca_desi_scaffold	663	[C/T]	NA
Ca_Desi_Ch_scaffold26551_667	Ca_desi_scaffold	667	[T/C]	NA
Ca_Desi_Ch_scaffold26551_668	Ca_desi_scaffold	668	[A/T]	NA
Ca_Desi_Ch_scaffold26551_671	Ca_desi_scaffold	671	[T/C]	NA
Ca_Desi_Ch_scaffold26551_672	Ca_desi_scaffold	672	[G/A]	NA
Ca_Desi_Ch_scaffold26551_673	Ca_desi_scaffold	673	[A/G]	NA
Ca_Desi_Ch_scaffold26551_674	Ca_desi_scaffold	674	[A/G]	NA
Ca_Desi_Ch_scaffold26551_677	Ca_desi_scaffold	677	[T/C]	NA
Ca_Desi_Ch_scaffold26551_678	Ca_desi_scaffold	678	[A/G]	NA
Ca_Desi_Ch_scaffold26551_679	Ca_desi_scaffold	679	[A/G]	NA
Ca_Desi_Ch_scaffold26551_680	Ca_desi_scaffold	680	[G/A]	NA
Ca_Desi_Ch_scaffold26551_682	Ca_desi_scaffold	682	[T/C]	NA
Ca_Desi_Ch_scaffold26551_683	Ca_desi_scaffold	683	[A/G]	NA
Ca_Desi_Ch_scaffold26551_684	Ca_desi_scaffold	684	[A/G]	NA
Ca_Desi_Ch_scaffold26551_686	Ca_desi_scaffold	686	[T/C]	NA
Ca_Desi_Ch_scaffold26551_688	Ca_desi_scaffold	688	[A/G]	NA
Ca_Desi_Ch_scaffold26551_689	Ca_desi_scaffold	689	[A/G]	NA
Ca_Desi_Ch_scaffold26551_690	Ca_desi_scaffold	690	[G/A]	NA
Ca_Desi_Ch_scaffold26551_691	Ca_desi_scaffold	691	[T/C]	NA
Ca_Desi_Ch_scaffold26551_692	Ca_desi_scaffold	692	[G/A]	NA
Ca_Desi_Ch_scaffold26551_693	Ca_desi_scaffold	693	[G/A]	NA
Ca_Desi_Ch_scaffold26551_694	Ca_desi_scaffold	694	[T/C]	NA
Ca_Desi_Ch_scaffold26551_695	Ca_desi_scaffold	695	[G/A]	NA
Ca_Desi_Ch_scaffold26551_696	Ca_desi_scaffold	696	[T/C]	NA
Ca_Desi_Ch_scaffold26551_697	Ca_desi_scaffold	697	[G/A]	NA
Ca_Desi_Ch_scaffold26551_698	Ca_desi_scaffold	698	[G/A]	NA
Ca_Desi_Ch_scaffold26551_700	Ca_desi_scaffold	700	[T/C]	NA
Ca_Desi_Ch_scaffold26551_702	Ca_desi_scaffold	702	[A/G]	NA
Ca_Desi_Ch_scaffold26551_703	Ca_desi_scaffold	703	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold26551_704	Ca_desi_scaffold	704	[T/C]	NA
Ca_Desi_Ch_scaffold26551_706	Ca_desi_scaffold	706	[T/C]	NA
Ca_Desi_Ch_scaffold26551_707	Ca_desi_scaffold	707	[T/C]	NA
Ca_Desi_Ch_scaffold26551_708	Ca_desi_scaffold	708	[T/C]	NA
Ca_Desi_Ch_scaffold26551_709	Ca_desi_scaffold	709	[T/C]	NA
Ca_Desi_Ch_scaffold26551_711	Ca_desi_scaffold	711	[C/T]	NA
Ca_Desi_Ch_scaffold26551_712	Ca_desi_scaffold	712	[A/G]	NA
Ca_Desi_Ch_scaffold26551_714	Ca_desi_scaffold	714	[A/G]	NA
Ca_Desi_Ch_scaffold26551_716	Ca_desi_scaffold	716	[G/A]	NA
Ca_Desi_Ch_scaffold26551_717	Ca_desi_scaffold	717	[C/T]	NA
Ca_Desi_Ch_scaffold26551_718	Ca_desi_scaffold	718	[C/T]	NA
Ca_Desi_Ch_scaffold26551_766	Ca_desi_scaffold	766	[T/G]	NA
Ca_Desi_Ch_scaffold26551_777	Ca_desi_scaffold	777	[T/C]	NA
Ca_Desi_Ch_scaffold26551_1052	Ca_desi_scaffold	1052	[A/G]	NA
Ca_Desi_Ch_scaffold26551_1070	Ca_desi_scaffold	1070	[T/A]	NA
Ca_Desi_Ch_scaffold26551_1078	Ca_desi_scaffold	1078	[T/A]	NA
Ca_Desi_Ch_scaffold26551_1086	Ca_desi_scaffold	1086	[A/G]	NA
Ca_Desi_Ch_scaffold26551_1087	Ca_desi_scaffold	1087	[T/C]	NA
Ca_Desi_Ch_scaffold26551_1090	Ca_desi_scaffold	1090	[A/G]	NA
Ca_Desi_Ch_scaffold26551_1091	Ca_desi_scaffold	1091	[T/C]	NA
Ca_Desi_Ch_scaffold26551_1096	Ca_desi_scaffold	1096	[T/G]	NA
Ca_Desi_Ch_scaffold26551_1098	Ca_desi_scaffold	1098	[A/G]	NA
Ca_Desi_Ch_scaffold26551_1099	Ca_desi_scaffold	1099	[T/C]	NA
Ca_Desi_Ch_scaffold26551_1106	Ca_desi_scaffold	1106	[A/G]	NA
Ca_Desi_Ch_scaffold26551_1108	Ca_desi_scaffold	1108	[T/C]	NA
Ca_Desi_Ch_scaffold26728_993	Ca_desi_scaffold	993	[A/G]	NA
Ca_Desi_Ch_scaffold26744_227	Ca_desi_scaffold	227	[A/C]	NA
Ca_Desi_Ch_scaffold26744_229	Ca_desi_scaffold	229	[A/C]	NA
Ca_Desi_Ch_scaffold26744_236	Ca_desi_scaffold	236	[A/G]	NA
Ca_Desi_Ch_scaffold26744_243	Ca_desi_scaffold	243	[T/C]	NA
Ca_Desi_Ch_scaffold26744_248	Ca_desi_scaffold	248	[T/G]	NA
Ca_Desi_Ch_scaffold26744_254	Ca_desi_scaffold	254	[C/T]	NA
Ca_Desi_Ch_scaffold26744_256	Ca_desi_scaffold	256	[T/C]	NA
Ca_Desi_Ch_scaffold26744_269	Ca_desi_scaffold	269	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold26758_166	Ca_desig_scaffold	166	[A/T]	NA
Ca_Desig_Chr_scaffold27005_269	Ca_desig_scaffold	269	[A/C]	NA
Ca_Desig_Chr_scaffold27005_357	Ca_desig_scaffold	357	[T/G]	NA
Ca_Desig_Chr_scaffold27005_824	Ca_desig_scaffold	824	[C/T]	NA
Ca_Desig_Chr_scaffold27005_846	Ca_desig_scaffold	846	[A/C]	NA
Ca_Desig_Chr_scaffold27005_848	Ca_desig_scaffold	848	[A/G]	NA
Ca_Desig_Chr_scaffold27266_59	Ca_desig_scaffold	59	[A/T]	NA
Ca_Desig_Chr_scaffold27266_88	Ca_desig_scaffold	88	[T/G]	NA
Ca_Desig_Chr_scaffold27395_1092	Ca_desig_scaffold	1092	[G/A]	NA
Ca_Desig_Chr_scaffold27395_1114	Ca_desig_scaffold	1114	[A/C]	NA
Ca_Desig_Chr_scaffold27395_1127	Ca_desig_scaffold	1127	[C/A]	NA
Ca_Desig_Chr_scaffold27395_1132	Ca_desig_scaffold	1132	[G/A]	NA
Ca_Desig_Chr_scaffold27560_1065	Ca_desig_scaffold	1065	[C/G]	NA
Ca_Desig_Chr_scaffold27560_1067	Ca_desig_scaffold	1067	[G/T]	NA
Ca_Desig_Chr_scaffold27560_1070	Ca_desig_scaffold	1070	[A/C]	NA
Ca_Desig_Chr_scaffold27560_1078	Ca_desig_scaffold	1078	[G/A]	NA
Ca_Desig_Chr_scaffold27693_483	Ca_desig_scaffold	483	[A/G]	NA
Ca_Desig_Chr_scaffold27693_484	Ca_desig_scaffold	484	[G/A]	NA
Ca_Desig_Chr_scaffold27693_485	Ca_desig_scaffold	485	[C/A]	NA
Ca_Desig_Chr_scaffold27693_486	Ca_desig_scaffold	486	[T/C]	NA
Ca_Desig_Chr_scaffold27693_487	Ca_desig_scaffold	487	[A/G]	NA
Ca_Desig_Chr_scaffold27693_488	Ca_desig_scaffold	488	[A/G]	NA
Ca_Desig_Chr_scaffold27693_489	Ca_desig_scaffold	489	[T/C]	NA
Ca_Desig_Chr_scaffold27693_490	Ca_desig_scaffold	490	[T/C]	NA
Ca_Desig_Chr_scaffold27693_491	Ca_desig_scaffold	491	[C/T]	NA
Ca_Desig_Chr_scaffold27693_492	Ca_desig_scaffold	492	[A/G]	NA
Ca_Desig_Chr_scaffold27693_494	Ca_desig_scaffold	494	[G/A]	NA
Ca_Desig_Chr_scaffold27693_495	Ca_desig_scaffold	495	[A/T]	NA
Ca_Desig_Chr_scaffold27693_496	Ca_desig_scaffold	496	[C/A]	NA
Ca_Desig_Chr_scaffold27693_497	Ca_desig_scaffold	497	[T/C]	NA
Ca_Desig_Chr_scaffold27693_498	Ca_desig_scaffold	498	[C/A]	NA
Ca_Desig_Chr_scaffold27693_499	Ca_desig_scaffold	499	[C/T]	NA
Ca_Desig_Chr_scaffold27693_500	Ca_desig_scaffold	500	[A/G]	NA
Ca_Desig_Chr_scaffold27693_501	Ca_desig_scaffold	501	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold27693_502	Ca_desi_scaffold	502	[T/C]	NA
Ca_Desi_Ch_scaffold27693_503	Ca_desi_scaffold	503	[T/C]	NA
Ca_Desi_Ch_scaffold27693_504	Ca_desi_scaffold	504	[T/C]	NA
Ca_Desi_Ch_scaffold27693_507	Ca_desi_scaffold	507	[A/T]	NA
Ca_Desi_Ch_scaffold27693_563	Ca_desi_scaffold	563	[C/A]	NA
Ca_Desi_Ch_scaffold27693_565	Ca_desi_scaffold	565	[T/C]	NA
Ca_Desi_Ch_scaffold27693_569	Ca_desi_scaffold	569	[C/A]	NA
Ca_Desi_Ch_scaffold27693_970	Ca_desi_scaffold	970	[T/C]	NA
Ca_Desi_Ch_scaffold27695_269	Ca_desi_scaffold	269	[A/G]	NA
Ca_Desi_Ch_scaffold27695_270	Ca_desi_scaffold	270	[A/G]	NA
Ca_Desi_Ch_scaffold27695_273	Ca_desi_scaffold	273	[A/G]	NA
Ca_Desi_Ch_scaffold27695_274	Ca_desi_scaffold	274	[A/C]	NA
Ca_Desi_Ch_scaffold27695_278	Ca_desi_scaffold	278	[T/C]	NA
Ca_Desi_Ch_scaffold27695_281	Ca_desi_scaffold	281	[T/C]	NA
Ca_Desi_Ch_scaffold27695_287	Ca_desi_scaffold	287	[A/G]	NA
Ca_Desi_Ch_scaffold27695_289	Ca_desi_scaffold	289	[G/A]	NA
Ca_Desi_Ch_scaffold27695_290	Ca_desi_scaffold	290	[A/G]	NA
Ca_Desi_Ch_scaffold27695_291	Ca_desi_scaffold	291	[A/G]	NA
Ca_Desi_Ch_scaffold27695_293	Ca_desi_scaffold	293	[T/C]	NA
Ca_Desi_Ch_scaffold27695_295	Ca_desi_scaffold	295	[T/C]	NA
Ca_Desi_Ch_scaffold27695_298	Ca_desi_scaffold	298	[T/C]	NA
Ca_Desi_Ch_scaffold27695_299	Ca_desi_scaffold	299	[A/G]	NA
Ca_Desi_Ch_scaffold27695_300	Ca_desi_scaffold	300	[T/C]	NA
Ca_Desi_Ch_scaffold27695_305	Ca_desi_scaffold	305	[T/C]	NA
Ca_Desi_Ch_scaffold27695_307	Ca_desi_scaffold	307	[C/T]	NA
Ca_Desi_Ch_scaffold27695_308	Ca_desi_scaffold	308	[C/T]	NA
Ca_Desi_Ch_scaffold27695_310	Ca_desi_scaffold	310	[A/G]	NA
Ca_Desi_Ch_scaffold27695_311	Ca_desi_scaffold	311	[T/C]	NA
Ca_Desi_Ch_scaffold27695_315	Ca_desi_scaffold	315	[T/C]	NA
Ca_Desi_Ch_scaffold27695_317	Ca_desi_scaffold	317	[T/C]	NA
Ca_Desi_Ch_scaffold27695_320	Ca_desi_scaffold	320	[A/G]	NA
Ca_Desi_Ch_scaffold27695_326	Ca_desi_scaffold	326	[A/G]	NA
Ca_Desi_Ch_scaffold27695_328	Ca_desi_scaffold	328	[A/G]	NA
Ca_Desi_Ch_scaffold27695_953	Ca_desi_scaffold	953	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold27695_956	Ca_desi_scaffold	956	[T/C]	NA
Ca_Desi_Ch_scaffold27695_957	Ca_desi_scaffold	957	[A/G]	NA
Ca_Desi_Ch_scaffold27695_958	Ca_desi_scaffold	958	[G/A]	NA
Ca_Desi_Ch_scaffold27695_959	Ca_desi_scaffold	959	[A/G]	NA
Ca_Desi_Ch_scaffold27695_963	Ca_desi_scaffold	963	[T/C]	NA
Ca_Desi_Ch_scaffold27695_966	Ca_desi_scaffold	966	[A/G]	NA
Ca_Desi_Ch_scaffold27695_970	Ca_desi_scaffold	970	[A/G]	NA
Ca_Desi_Ch_scaffold27695_972	Ca_desi_scaffold	972	[T/G]	NA
Ca_Desi_Ch_scaffold27695_978	Ca_desi_scaffold	978	[T/C]	NA
Ca_Desi_Ch_scaffold27695_983	Ca_desi_scaffold	983	[A/G]	NA
Ca_Desi_Ch_scaffold27695_986	Ca_desi_scaffold	986	[T/C]	NA
Ca_Desi_Ch_scaffold27695_988	Ca_desi_scaffold	988	[T/C]	NA
Ca_Desi_Ch_scaffold27695_991	Ca_desi_scaffold	991	[T/C]	NA
Ca_Desi_Ch_scaffold27695_993	Ca_desi_scaffold	993	[T/C]	NA
Ca_Desi_Ch_scaffold27695_994	Ca_desi_scaffold	994	[G/C]	NA
Ca_Desi_Ch_scaffold27695_1120	Ca_desi_scaffold	1120	[T/G]	NA
Ca_Desi_Ch_scaffold27975_544	Ca_desi_scaffold	544	[T/A]	NA
Ca_Desi_Ch_scaffold27975_551	Ca_desi_scaffold	551	[G/T]	NA
Ca_Desi_Ch_scaffold27975_589	Ca_desi_scaffold	589	[A/G]	NA
Ca_Desi_Ch_scaffold28189_780	Ca_desi_scaffold	780	[T/C]	NA
Ca_Desi_Ch_scaffold28252_655	Ca_desi_scaffold	655	[C/T]	NA
Ca_Desi_Ch_scaffold28410_249	Ca_desi_scaffold	249	[T/C]	NA
Ca_Desi_Ch_scaffold28410_262	Ca_desi_scaffold	262	[A/C]	NA
Ca_Desi_Ch_scaffold28410_271	Ca_desi_scaffold	271	[C/A]	NA
Ca_Desi_Ch_scaffold28410_285	Ca_desi_scaffold	285	[A/C]	NA
Ca_Desi_Ch_scaffold28410_287	Ca_desi_scaffold	287	[C/A]	NA
Ca_Desi_Ch_scaffold28410_291	Ca_desi_scaffold	291	[T/C]	NA
Ca_Desi_Ch_scaffold28410_296	Ca_desi_scaffold	296	[A/G]	NA
Ca_Desi_Ch_scaffold28410_301	Ca_desi_scaffold	301	[A/G]	NA
Ca_Desi_Ch_scaffold28410_304	Ca_desi_scaffold	304	[A/G]	NA
Ca_Desi_Ch_scaffold28419_956	Ca_desi_scaffold	956	[T/A]	NA
Ca_Desi_Ch_scaffold28553_270	Ca_desi_scaffold	270	[T/C]	NA
Ca_Desi_Ch_scaffold28686_668	Ca_desi_scaffold	668	[T/C]	NA
Ca_Desi_Ch_scaffold28686_883	Ca_desi_scaffold	883	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold28686_887	Ca_desi_scaffold	887	[A/G]	NA
Ca_Desi_Ch_scaffold28686_927	Ca_desi_scaffold	927	[A/G]	NA
Ca_Desi_Ch_scaffold28686_929	Ca_desi_scaffold	929	[A/G]	NA
Ca_Desi_Ch_scaffold28686_931	Ca_desi_scaffold	931	[T/C]	NA
Ca_Desi_Ch_scaffold28686_938	Ca_desi_scaffold	938	[A/G]	NA
Ca_Desi_Ch_scaffold28686_939	Ca_desi_scaffold	939	[A/G]	NA
Ca_Desi_Ch_scaffold28686_941	Ca_desi_scaffold	941	[T/C]	NA
Ca_Desi_Ch_scaffold28686_944	Ca_desi_scaffold	944	[A/G]	NA
Ca_Desi_Ch_scaffold28686_946	Ca_desi_scaffold	946	[A/G]	NA
Ca_Desi_Ch_scaffold28686_950	Ca_desi_scaffold	950	[T/C]	NA
Ca_Desi_Ch_scaffold28686_952	Ca_desi_scaffold	952	[A/G]	NA
Ca_Desi_Ch_scaffold28686_954	Ca_desi_scaffold	954	[A/G]	NA
Ca_Desi_Ch_scaffold28686_955	Ca_desi_scaffold	955	[A/G]	NA
Ca_Desi_Ch_scaffold28686_957	Ca_desi_scaffold	957	[G/A]	NA
Ca_Desi_Ch_scaffold28686_958	Ca_desi_scaffold	958	[A/G]	NA
Ca_Desi_Ch_scaffold28686_959	Ca_desi_scaffold	959	[A/G]	NA
Ca_Desi_Ch_scaffold28686_967	Ca_desi_scaffold	967	[A/G]	NA
Ca_Desi_Ch_scaffold28891_676	Ca_desi_scaffold	676	[A/G]	NA
Ca_Desi_Ch_scaffold28891_684	Ca_desi_scaffold	684	[C/A]	NA
Ca_Desi_Ch_scaffold29385_156	Ca_desi_scaffold	156	[C/T]	NA
Ca_Desi_Ch_scaffold30236_1007	Ca_desi_scaffold	1007	[C/T]	NA
Ca_Desi_Ch_scaffold30564_155	Ca_desi_scaffold	155	[T/C]	NA
Ca_Desi_Ch_scaffold30564_158	Ca_desi_scaffold	158	[C/A]	NA
Ca_Desi_Ch_scaffold30564_166	Ca_desi_scaffold	166	[T/G]	NA
Ca_Desi_Ch_scaffold30564_172	Ca_desi_scaffold	172	[A/T]	NA
Ca_Desi_Ch_scaffold30564_177	Ca_desi_scaffold	177	[G/C]	NA
Ca_Desi_Ch_scaffold30564_184	Ca_desi_scaffold	184	[C/A]	NA
Ca_Desi_Ch_scaffold30611_383	Ca_desi_scaffold	383	[A/G]	NA
Ca_Desi_Ch_scaffold30611_386	Ca_desi_scaffold	386	[T/C]	NA
Ca_Desi_Ch_scaffold30611_404	Ca_desi_scaffold	404	[T/C]	NA
Ca_Desi_Ch_scaffold30611_422	Ca_desi_scaffold	422	[T/G]	NA
Ca_Desi_Ch_scaffold30611_425	Ca_desi_scaffold	425	[T/C]	NA
Ca_Desi_Ch_scaffold30611_428	Ca_desi_scaffold	428	[A/G]	NA
Ca_Desi_Ch_scaffold30710_20	Ca_desi_scaffold	20	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold30710_21	Ca_desig_scaffold	21	[A/G]	NA
Ca_Desig_Chr_scaffold30710_24	Ca_desig_scaffold	24	[T/C]	NA
Ca_Desig_Chr_scaffold30710_26	Ca_desig_scaffold	26	[A/G]	NA
Ca_Desig_Chr_scaffold30710_29	Ca_desig_scaffold	29	[A/G]	NA
Ca_Desig_Chr_scaffold30710_32	Ca_desig_scaffold	32	[T/C]	NA
Ca_Desig_Chr_scaffold30710_43	Ca_desig_scaffold	43	[A/G]	NA
Ca_Desig_Chr_scaffold30710_45	Ca_desig_scaffold	45	[T/C]	NA
Ca_Desig_Chr_scaffold30710_47	Ca_desig_scaffold	47	[A/G]	NA
Ca_Desig_Chr_scaffold30710_56	Ca_desig_scaffold	56	[T/G]	NA
Ca_Desig_Chr_scaffold30710_58	Ca_desig_scaffold	58	[A/G]	NA
Ca_Desig_Chr_scaffold30710_59	Ca_desig_scaffold	59	[T/C]	NA
Ca_Desig_Chr_scaffold30710_60	Ca_desig_scaffold	60	[A/G]	NA
Ca_Desig_Chr_scaffold30710_62	Ca_desig_scaffold	62	[A/G]	NA
Ca_Desig_Chr_scaffold30710_69	Ca_desig_scaffold	69	[A/G]	NA
Ca_Desig_Chr_scaffold30710_74	Ca_desig_scaffold	74	[T/A]	NA
Ca_Desig_Chr_scaffold30710_77	Ca_desig_scaffold	77	[A/G]	NA
Ca_Desig_Chr_scaffold30710_131	Ca_desig_scaffold	131	[A/G]	NA
Ca_Desig_Chr_scaffold30710_132	Ca_desig_scaffold	132	[G/A]	NA
Ca_Desig_Chr_scaffold30710_133	Ca_desig_scaffold	133	[C/T]	NA
Ca_Desig_Chr_scaffold30710_134	Ca_desig_scaffold	134	[T/C]	NA
Ca_Desig_Chr_scaffold30710_135	Ca_desig_scaffold	135	[C/T]	NA
Ca_Desig_Chr_scaffold30710_136	Ca_desig_scaffold	136	[A/G]	NA
Ca_Desig_Chr_scaffold30710_138	Ca_desig_scaffold	138	[T/C]	NA
Ca_Desig_Chr_scaffold30710_139	Ca_desig_scaffold	139	[G/A]	NA
Ca_Desig_Chr_scaffold30710_140	Ca_desig_scaffold	140	[A/G]	NA
Ca_Desig_Chr_scaffold30710_141	Ca_desig_scaffold	141	[T/C]	NA
Ca_Desig_Chr_scaffold30710_142	Ca_desig_scaffold	142	[C/T]	NA
Ca_Desig_Chr_scaffold30710_143	Ca_desig_scaffold	143	[G/A]	NA
Ca_Desig_Chr_scaffold30710_144	Ca_desig_scaffold	144	[A/G]	NA
Ca_Desig_Chr_scaffold30710_145	Ca_desig_scaffold	145	[G/A]	NA
Ca_Desig_Chr_scaffold30710_146	Ca_desig_scaffold	146	[C/G]	NA
Ca_Desig_Chr_scaffold30710_147	Ca_desig_scaffold	147	[G/C]	NA
Ca_Desig_Chr_scaffold30710_148	Ca_desig_scaffold	148	[C/T]	NA
Ca_Desig_Chr_scaffold30710_149	Ca_desig_scaffold	149	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold30710_150	Ca_desi_scaffold	150	[C/T]	NA
Ca_Desi_Ch_scaffold30710_151	Ca_desi_scaffold	151	[T/C]	NA
Ca_Desi_Ch_scaffold30710_152	Ca_desi_scaffold	152	[T/C]	NA
Ca_Desi_Ch_scaffold30710_153	Ca_desi_scaffold	153	[G/A]	NA
Ca_Desi_Ch_scaffold30710_154	Ca_desi_scaffold	154	[C/T]	NA
Ca_Desi_Ch_scaffold30710_155	Ca_desi_scaffold	155	[G/C]	NA
Ca_Desi_Ch_scaffold30710_156	Ca_desi_scaffold	156	[C/T]	NA
Ca_Desi_Ch_scaffold30710_157	Ca_desi_scaffold	157	[C/T]	NA
Ca_Desi_Ch_scaffold30710_158	Ca_desi_scaffold	158	[G/A]	NA
Ca_Desi_Ch_scaffold30710_159	Ca_desi_scaffold	159	[A/G]	NA
Ca_Desi_Ch_scaffold30710_160	Ca_desi_scaffold	160	[A/G]	NA
Ca_Desi_Ch_scaffold30710_161	Ca_desi_scaffold	161	[G/A]	NA
Ca_Desi_Ch_scaffold30710_162	Ca_desi_scaffold	162	[A/G]	NA
Ca_Desi_Ch_scaffold30710_163	Ca_desi_scaffold	163	[T/C]	NA
Ca_Desi_Ch_scaffold30710_164	Ca_desi_scaffold	164	[G/A]	NA
Ca_Desi_Ch_scaffold30710_165	Ca_desi_scaffold	165	[A/G]	NA
Ca_Desi_Ch_scaffold30710_166	Ca_desi_scaffold	166	[A/G]	NA
Ca_Desi_Ch_scaffold30710_167	Ca_desi_scaffold	167	[C/T]	NA
Ca_Desi_Ch_scaffold30710_168	Ca_desi_scaffold	168	[G/A]	NA
Ca_Desi_Ch_scaffold30710_169	Ca_desi_scaffold	169	[G/T]	NA
Ca_Desi_Ch_scaffold30710_170	Ca_desi_scaffold	170	[G/A]	NA
Ca_Desi_Ch_scaffold30710_171	Ca_desi_scaffold	171	[G/A]	NA
Ca_Desi_Ch_scaffold30710_172	Ca_desi_scaffold	172	[C/T]	NA
Ca_Desi_Ch_scaffold30710_173	Ca_desi_scaffold	173	[T/C]	NA
Ca_Desi_Ch_scaffold30710_174	Ca_desi_scaffold	174	[A/G]	NA
Ca_Desi_Ch_scaffold30710_175	Ca_desi_scaffold	175	[A/G]	NA
Ca_Desi_Ch_scaffold30710_176	Ca_desi_scaffold	176	[G/A]	NA
Ca_Desi_Ch_scaffold30710_177	Ca_desi_scaffold	177	[C/T]	NA
Ca_Desi_Ch_scaffold30710_178	Ca_desi_scaffold	178	[G/A]	NA
Ca_Desi_Ch_scaffold30710_179	Ca_desi_scaffold	179	[A/G]	NA
Ca_Desi_Ch_scaffold30710_180	Ca_desi_scaffold	180	[T/C]	NA
Ca_Desi_Ch_scaffold30710_181	Ca_desi_scaffold	181	[C/T]	NA
Ca_Desi_Ch_scaffold30710_182	Ca_desi_scaffold	182	[T/C]	NA
Ca_Desi_Ch_scaffold30710_183	Ca_desi_scaffold	183	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold30710_184	Ca_desig_scaffold	184	[C/T]	NA
Ca_Desig_Chr_scaffold30710_185	Ca_desig_scaffold	185	[C/T]	NA
Ca_Desig_Chr_scaffold30710_186	Ca_desig_scaffold	186	[G/A]	NA
Ca_Desig_Chr_scaffold30710_187	Ca_desig_scaffold	187	[A/G]	NA
Ca_Desig_Chr_scaffold30710_188	Ca_desig_scaffold	188	[A/G]	NA
Ca_Desig_Chr_scaffold30710_191	Ca_desig_scaffold	191	[T/A]	NA
Ca_Desig_Chr_scaffold30837_721	Ca_desig_scaffold	721	[C/T]	NA
Ca_Desig_Chr_scaffold30934_185	Ca_desig_scaffold	185	[C/A]	NA
Ca_Desig_Chr_scaffold30934_186	Ca_desig_scaffold	186	[G/C]	NA
Ca_Desig_Chr_scaffold30934_522	Ca_desig_scaffold	522	[G/T]	NA
Ca_Desig_Chr_scaffold30934_628	Ca_desig_scaffold	628	[T/G]	NA
Ca_Desig_Chr_scaffold30934_632	Ca_desig_scaffold	632	[T/C]	NA
Ca_Desig_Chr_scaffold30934_655	Ca_desig_scaffold	655	[C/A]	NA
Ca_Desig_Chr_scaffold30934_656	Ca_desig_scaffold	656	[T/C]	NA
Ca_Desig_Chr_scaffold31074_529	Ca_desig_scaffold	529	[A/G]	NA
Ca_Desig_Chr_scaffold31279_410	Ca_desig_scaffold	410	[C/T]	NA
Ca_Desig_Chr_scaffold31279_428	Ca_desig_scaffold	428	[A/T]	NA
Ca_Desig_Chr_scaffold31295_922	Ca_desig_scaffold	922	[T/G]	NA
Ca_Desig_Chr_scaffold31295_925	Ca_desig_scaffold	925	[A/G]	NA
Ca_Desig_Chr_scaffold31295_935	Ca_desig_scaffold	935	[A/G]	NA
Ca_Desig_Chr_scaffold31295_937	Ca_desig_scaffold	937	[T/C]	NA
Ca_Desig_Chr_scaffold31295_949	Ca_desig_scaffold	949	[T/G]	NA
Ca_Desig_Chr_scaffold31305_333	Ca_desig_scaffold	333	[T/C]	NA
Ca_Desig_Chr_scaffold31305_374	Ca_desig_scaffold	374	[G/C]	NA
Ca_Desig_Chr_scaffold31305_377	Ca_desig_scaffold	377	[A/G]	NA
Ca_Desig_Chr_scaffold31305_381	Ca_desig_scaffold	381	[A/G]	NA
Ca_Desig_Chr_scaffold31305_382	Ca_desig_scaffold	382	[A/G]	NA
Ca_Desig_Chr_scaffold31305_386	Ca_desig_scaffold	386	[A/G]	NA
Ca_Desig_Chr_scaffold31305_389	Ca_desig_scaffold	389	[T/C]	NA
Ca_Desig_Chr_scaffold31305_394	Ca_desig_scaffold	394	[A/G]	NA
Ca_Desig_Chr_scaffold31305_397	Ca_desig_scaffold	397	[A/G]	NA
Ca_Desig_Chr_scaffold31305_402	Ca_desig_scaffold	402	[A/G]	NA
Ca_Desig_Chr_scaffold31305_404	Ca_desig_scaffold	404	[T/C]	NA
Ca_Desig_Chr_scaffold31305_407	Ca_desig_scaffold	407	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold31305_411	Ca_desig_scaffold	411	[A/G]	NA
Ca_Desig_Chr_scaffold31305_413	Ca_desig_scaffold	413	[T/A]	NA
Ca_Desig_Chr_scaffold31305_416	Ca_desig_scaffold	416	[T/G]	NA
Ca_Desig_Chr_scaffold31305_419	Ca_desig_scaffold	419	[A/G]	NA
Ca_Desig_Chr_scaffold31305_421	Ca_desig_scaffold	421	[T/G]	NA
Ca_Desig_Chr_scaffold31305_424	Ca_desig_scaffold	424	[T/C]	NA
Ca_Desig_Chr_scaffold31305_426	Ca_desig_scaffold	426	[A/G]	NA
Ca_Desig_Chr_scaffold31305_427	Ca_desig_scaffold	427	[T/C]	NA
Ca_Desig_Chr_scaffold31305_430	Ca_desig_scaffold	430	[T/C]	NA
Ca_Desig_Chr_scaffold31305_433	Ca_desig_scaffold	433	[C/G]	NA
Ca_Desig_Chr_scaffold31346_563	Ca_desig_scaffold	563	[A/T]	NA
Ca_Desig_Chr_scaffold32292_336	Ca_desig_scaffold	336	[C/T]	NA
Ca_Desig_Chr_scaffold32312_210	Ca_desig_scaffold	210	[T/C]	NA
Ca_Desig_Chr_scaffold32357_741	Ca_desig_scaffold	741	[G/A]	NA
Ca_Desig_Chr_scaffold32698_661	Ca_desig_scaffold	661	[C/T]	NA
Ca_Desig_Chr_scaffold33002_633	Ca_desig_scaffold	633	[G/A]	NA
Ca_Desig_Chr_scaffold33002_672	Ca_desig_scaffold	672	[T/C]	NA
Ca_Desig_Chr_scaffold33004_545	Ca_desig_scaffold	545	[A/G]	NA
Ca_Desig_Chr_scaffold33252_906	Ca_desig_scaffold	906	[G/A]	NA
Ca_Desig_Chr_scaffold33252_934	Ca_desig_scaffold	934	[C/T]	NA
Ca_Desig_Chr_scaffold33252_935	Ca_desig_scaffold	935	[G/T]	NA
Ca_Desig_Chr_scaffold33279_740	Ca_desig_scaffold	740	[A/G]	NA
Ca_Desig_Chr_scaffold33279_748	Ca_desig_scaffold	748	[A/T]	NA
Ca_Desig_Chr_scaffold33279_778	Ca_desig_scaffold	778	[T/C]	NA
Ca_Desig_Chr_scaffold33279_780	Ca_desig_scaffold	780	[T/C]	NA
Ca_Desig_Chr_scaffold33287_212	Ca_desig_scaffold	212	[A/C]	NA
Ca_Desig_Chr_scaffold33287_234	Ca_desig_scaffold	234	[A/C]	NA
Ca_Desig_Chr_scaffold33287_413	Ca_desig_scaffold	413	[G/A]	NA
Ca_Desig_Chr_scaffold33287_415	Ca_desig_scaffold	415	[A/G]	NA
Ca_Desig_Chr_scaffold33287_418	Ca_desig_scaffold	418	[C/T]	NA
Ca_Desig_Chr_scaffold33287_419	Ca_desig_scaffold	419	[G/A]	NA
Ca_Desig_Chr_scaffold33287_420	Ca_desig_scaffold	420	[C/T]	NA
Ca_Desig_Chr_scaffold33287_470	Ca_desig_scaffold	470	[G/C]	NA
Ca_Desig_Chr_scaffold33287_852	Ca_desig_scaffold	852	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_scaffold33287_853	Ca_desi_scaffold	853	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_854	Ca_desi_scaffold	854	[G/T]	NA
Ca_Desi_Chrom_scaffold33287_855	Ca_desi_scaffold	855	[G/A]	NA
Ca_Desi_Chrom_scaffold33287_856	Ca_desi_scaffold	856	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_857	Ca_desi_scaffold	857	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_858	Ca_desi_scaffold	858	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_859	Ca_desi_scaffold	859	[C/T]	NA
Ca_Desi_Chrom_scaffold33287_860	Ca_desi_scaffold	860	[A/G]	NA
Ca_Desi_Chrom_scaffold33287_861	Ca_desi_scaffold	861	[A/G]	NA
Ca_Desi_Chrom_scaffold33287_862	Ca_desi_scaffold	862	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_863	Ca_desi_scaffold	863	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_864	Ca_desi_scaffold	864	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_865	Ca_desi_scaffold	865	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_866	Ca_desi_scaffold	866	[A/G]	NA
Ca_Desi_Chrom_scaffold33287_867	Ca_desi_scaffold	867	[A/G]	NA
Ca_Desi_Chrom_scaffold33287_868	Ca_desi_scaffold	868	[C/T]	NA
Ca_Desi_Chrom_scaffold33287_869	Ca_desi_scaffold	869	[C/T]	NA
Ca_Desi_Chrom_scaffold33287_870	Ca_desi_scaffold	870	[A/G]	NA
Ca_Desi_Chrom_scaffold33287_871	Ca_desi_scaffold	871	[A/G]	NA
Ca_Desi_Chrom_scaffold33287_872	Ca_desi_scaffold	872	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_873	Ca_desi_scaffold	873	[C/T]	NA
Ca_Desi_Chrom_scaffold33287_875	Ca_desi_scaffold	875	[G/A]	NA
Ca_Desi_Chrom_scaffold33287_876	Ca_desi_scaffold	876	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_877	Ca_desi_scaffold	877	[A/G]	NA
Ca_Desi_Chrom_scaffold33287_878	Ca_desi_scaffold	878	[G/T]	NA
Ca_Desi_Chrom_scaffold33287_879	Ca_desi_scaffold	879	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_880	Ca_desi_scaffold	880	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_881	Ca_desi_scaffold	881	[G/A]	NA
Ca_Desi_Chrom_scaffold33287_882	Ca_desi_scaffold	882	[A/G]	NA
Ca_Desi_Chrom_scaffold33287_883	Ca_desi_scaffold	883	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_884	Ca_desi_scaffold	884	[A/G]	NA
Ca_Desi_Chrom_scaffold33287_885	Ca_desi_scaffold	885	[G/A]	NA
Ca_Desi_Chrom_scaffold33287_886	Ca_desi_scaffold	886	[T/C]	NA
Ca_Desi_Chrom_scaffold33287_887	Ca_desi_scaffold	887	[C/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold33287_888	Ca_desi_scaffold	888	[A/G]	NA
Ca_Desi_Chromosome_scaffold33287_889	Ca_desi_scaffold	889	[A/G]	NA
Ca_Desi_Chromosome_scaffold33287_890	Ca_desi_scaffold	890	[G/A]	NA
Ca_Desi_Chromosome_scaffold33287_891	Ca_desi_scaffold	891	[G/C]	NA
Ca_Desi_Chromosome_scaffold33287_892	Ca_desi_scaffold	892	[T/C]	NA
Ca_Desi_Chromosome_scaffold33287_893	Ca_desi_scaffold	893	[C/T]	NA
Ca_Desi_Chromosome_scaffold33287_894	Ca_desi_scaffold	894	[G/A]	NA
Ca_Desi_Chromosome_scaffold33287_895	Ca_desi_scaffold	895	[T/C]	NA
Ca_Desi_Chromosome_scaffold33287_897	Ca_desi_scaffold	897	[T/C]	NA
Ca_Desi_Chromosome_scaffold33287_898	Ca_desi_scaffold	898	[A/G]	NA
Ca_Desi_Chromosome_scaffold33287_899	Ca_desi_scaffold	899	[A/G]	NA
Ca_Desi_Chromosome_scaffold33287_900	Ca_desi_scaffold	900	[T/C]	NA
Ca_Desi_Chromosome_scaffold33287_901	Ca_desi_scaffold	901	[T/C]	NA
Ca_Desi_Chromosome_scaffold33287_903	Ca_desi_scaffold	903	[A/G]	NA
Ca_Desi_Chromosome_scaffold33287_904	Ca_desi_scaffold	904	[T/C]	NA
Ca_Desi_Chromosome_scaffold33287_908	Ca_desi_scaffold	908	[T/C]	NA
Ca_Desi_Chromosome_scaffold33287_913	Ca_desi_scaffold	913	[T/A]	NA
Ca_Desi_Chromosome_scaffold33600_227	Ca_desi_scaffold	227	[A/G]	NA
Ca_Desi_Chromosome_scaffold33617_438	Ca_desi_scaffold	438	[A/C]	NA
Ca_Desi_Chromosome_scaffold33742_227	Ca_desi_scaffold	227	[A/T]	NA
Ca_Desi_Chromosome_scaffold33934_969	Ca_desi_scaffold	969	[A/C]	NA
Ca_Desi_Chromosome_scaffold34000_162	Ca_desi_scaffold	162	[T/G]	NA
Ca_Desi_Chromosome_scaffold34430_585	Ca_desi_scaffold	585	[C/T]	NA
Ca_Desi_Chromosome_scaffold34618_232	Ca_desi_scaffold	232	[A/G]	NA
Ca_Desi_Chromosome_scaffold34618_252	Ca_desi_scaffold	252	[T/A]	NA
Ca_Desi_Chromosome_scaffold34857_286	Ca_desi_scaffold	286	[A/G]	NA
Ca_Desi_Chromosome_scaffold34857_301	Ca_desi_scaffold	301	[A/C]	NA
Ca_Desi_Chromosome_scaffold34857_700	Ca_desi_scaffold	700	[T/C]	NA
Ca_Desi_Chromosome_scaffold34857_703	Ca_desi_scaffold	703	[C/G]	NA
Ca_Desi_Chromosome_scaffold35065_413	Ca_desi_scaffold	413	[A/C]	NA
Ca_Desi_Chromosome_scaffold35065_423	Ca_desi_scaffold	423	[C/T]	NA
Ca_Desi_Chromosome_scaffold35065_448	Ca_desi_scaffold	448	[C/A]	NA
Ca_Desi_Chromosome_scaffold35363_414	Ca_desi_scaffold	414	[A/G]	NA
Ca_Desi_Chromosome_scaffold35363_425	Ca_desi_scaffold	425	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold35363_436	Ca_desig_scaffold	436	[A/G]	NA
Ca_Desig_Chr_scaffold35363_448	Ca_desig_scaffold	448	[A/G]	NA
Ca_Desig_Chr_scaffold35437_618	Ca_desig_scaffold	618	[A/G]	NA
Ca_Desig_Chr_scaffold36066_569	Ca_desig_scaffold	569	[C/A]	NA
Ca_Desig_Chr_scaffold36151_30	Ca_desig_scaffold	30	[A/G]	NA
Ca_Desig_Chr_scaffold36184_859	Ca_desig_scaffold	859	[T/C]	NA
Ca_Desig_Chr_scaffold36184_864	Ca_desig_scaffold	864	[A/G]	NA
Ca_Desig_Chr_scaffold36184_868	Ca_desig_scaffold	868	[T/C]	NA
Ca_Desig_Chr_scaffold36184_869	Ca_desig_scaffold	869	[T/C]	NA
Ca_Desig_Chr_scaffold36184_872	Ca_desig_scaffold	872	[T/C]	NA
Ca_Desig_Chr_scaffold36184_875	Ca_desig_scaffold	875	[T/C]	NA
Ca_Desig_Chr_scaffold36184_877	Ca_desig_scaffold	877	[T/C]	NA
Ca_Desig_Chr_scaffold36184_881	Ca_desig_scaffold	881	[T/C]	NA
Ca_Desig_Chr_scaffold36184_882	Ca_desig_scaffold	882	[T/C]	NA
Ca_Desig_Chr_scaffold36184_885	Ca_desig_scaffold	885	[T/C]	NA
Ca_Desig_Chr_scaffold36184_887	Ca_desig_scaffold	887	[T/C]	NA
Ca_Desig_Chr_scaffold36184_888	Ca_desig_scaffold	888	[T/C]	NA
Ca_Desig_Chr_scaffold36184_890	Ca_desig_scaffold	890	[T/C]	NA
Ca_Desig_Chr_scaffold36184_891	Ca_desig_scaffold	891	[T/C]	NA
Ca_Desig_Chr_scaffold36184_894	Ca_desig_scaffold	894	[A/G]	NA
Ca_Desig_Chr_scaffold36184_895	Ca_desig_scaffold	895	[A/G]	NA
Ca_Desig_Chr_scaffold36184_897	Ca_desig_scaffold	897	[A/G]	NA
Ca_Desig_Chr_scaffold36184_898	Ca_desig_scaffold	898	[A/G]	NA
Ca_Desig_Chr_scaffold36184_902	Ca_desig_scaffold	902	[G/T]	NA
Ca_Desig_Chr_scaffold36184_904	Ca_desig_scaffold	904	[T/C]	NA
Ca_Desig_Chr_scaffold36184_905	Ca_desig_scaffold	905	[T/C]	NA
Ca_Desig_Chr_scaffold36184_906	Ca_desig_scaffold	906	[G/T]	NA
Ca_Desig_Chr_scaffold36184_907	Ca_desig_scaffold	907	[A/G]	NA
Ca_Desig_Chr_scaffold36184_913	Ca_desig_scaffold	913	[T/C]	NA
Ca_Desig_Chr_scaffold36184_914	Ca_desig_scaffold	914	[T/C]	NA
Ca_Desig_Chr_scaffold36184_915	Ca_desig_scaffold	915	[G/T]	NA
Ca_Desig_Chr_scaffold36184_917	Ca_desig_scaffold	917	[C/G]	NA
Ca_Desig_Chr_scaffold36184_918	Ca_desig_scaffold	918	[T/C]	NA
Ca_Desig_Chr_scaffold36580_576	Ca_desig_scaffold	576	[T/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold36738_425	Ca_desi_scaffold	425	[C/T]	NA
Ca_Desi_Ch_scaffold36738_437	Ca_desi_scaffold	437	[G/A]	NA
Ca_Desi_Ch_scaffold36738_479	Ca_desi_scaffold	479	[C/T]	NA
Ca_Desi_Ch_scaffold36738_497	Ca_desi_scaffold	497	[C/T]	NA
Ca_Desi_Ch_scaffold36894_22	Ca_desi_scaffold	22	[T/C]	NA
Ca_Desi_Ch_scaffold36894_26	Ca_desi_scaffold	26	[A/G]	NA
Ca_Desi_Ch_scaffold36894_28	Ca_desi_scaffold	28	[A/G]	NA
Ca_Desi_Ch_scaffold36894_29	Ca_desi_scaffold	29	[A/G]	NA
Ca_Desi_Ch_scaffold36894_34	Ca_desi_scaffold	34	[T/C]	NA
Ca_Desi_Ch_scaffold36894_35	Ca_desi_scaffold	35	[T/C]	NA
Ca_Desi_Ch_scaffold36894_44	Ca_desi_scaffold	44	[G/A]	NA
Ca_Desi_Ch_scaffold36894_45	Ca_desi_scaffold	45	[A/G]	NA
Ca_Desi_Ch_scaffold36894_54	Ca_desi_scaffold	54	[A/G]	NA
Ca_Desi_Ch_scaffold36894_55	Ca_desi_scaffold	55	[A/G]	NA
Ca_Desi_Ch_scaffold36894_59	Ca_desi_scaffold	59	[T/C]	NA
Ca_Desi_Ch_scaffold36894_62	Ca_desi_scaffold	62	[T/C]	NA
Ca_Desi_Ch_scaffold36894_63	Ca_desi_scaffold	63	[T/C]	NA
Ca_Desi_Ch_scaffold36894_67	Ca_desi_scaffold	67	[A/G]	NA
Ca_Desi_Ch_scaffold36894_70	Ca_desi_scaffold	70	[A/G]	NA
Ca_Desi_Ch_scaffold36894_74	Ca_desi_scaffold	74	[T/C]	NA
Ca_Desi_Ch_scaffold36919_253	Ca_desi_scaffold	253	[T/G]	NA
Ca_Desi_Ch_scaffold36929_366	Ca_desi_scaffold	366	[C/T]	NA
Ca_Desi_Ch_scaffold36929_382	Ca_desi_scaffold	382	[G/A]	NA
Ca_Desi_Ch_scaffold36929_401	Ca_desi_scaffold	401	[G/A]	NA
Ca_Desi_Ch_scaffold36929_736	Ca_desi_scaffold	736	[G/A]	NA
Ca_Desi_Ch_scaffold37054_695	Ca_desi_scaffold	695	[G/A]	NA
Ca_Desi_Ch_scaffold37086_633	Ca_desi_scaffold	633	[T/G]	NA
Ca_Desi_Ch_scaffold37086_638	Ca_desi_scaffold	638	[T/G]	NA
Ca_Desi_Ch_scaffold37367_153	Ca_desi_scaffold	153	[T/C]	NA
Ca_Desi_Ch_scaffold37367_187	Ca_desi_scaffold	187	[G/T]	NA
Ca_Desi_Ch_scaffold37367_188	Ca_desi_scaffold	188	[A/T]	NA
Ca_Desi_Ch_scaffold37878_320	Ca_desi_scaffold	320	[T/A]	NA
Ca_Desi_Ch_scaffold37878_333	Ca_desi_scaffold	333	[C/T]	NA
Ca_Desi_Ch_scaffold37878_334	Ca_desi_scaffold	334	[C/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold37878_541	Ca_desi_scaffold	541	[C/T]	NA
Ca_Desi_Chromosome_scaffold37878_559	Ca_desi_scaffold	559	[C/T]	NA
Ca_Desi_Chromosome_scaffold37884_59	Ca_desi_scaffold	59	[A/G]	NA
Ca_Desi_Chromosome_scaffold38046_291	Ca_desi_scaffold	291	[G/A]	NA
Ca_Desi_Chromosome_scaffold38146_369	Ca_desi_scaffold	369	[T/A]	NA
Ca_Desi_Chromosome_scaffold38400_304	Ca_desi_scaffold	304	[C/T]	NA
Ca_Desi_Chromosome_scaffold38428_678	Ca_desi_scaffold	678	[T/C]	NA
Ca_Desi_Chromosome_scaffold38428_708	Ca_desi_scaffold	708	[T/C]	NA
Ca_Desi_Chromosome_scaffold38480_666	Ca_desi_scaffold	666	[C/T]	NA
Ca_Desi_Chromosome_scaffold38899_30	Ca_desi_scaffold	30	[A/G]	NA
Ca_Desi_Chromosome_scaffold38899_38	Ca_desi_scaffold	38	[A/G]	NA
Ca_Desi_Chromosome_scaffold38899_39	Ca_desi_scaffold	39	[A/C]	NA
Ca_Desi_Chromosome_scaffold38899_64	Ca_desi_scaffold	64	[A/G]	NA
Ca_Desi_Chromosome_scaffold38899_66	Ca_desi_scaffold	66	[T/C]	NA
Ca_Desi_Chromosome_scaffold38899_68	Ca_desi_scaffold	68	[G/A]	NA
Ca_Desi_Chromosome_scaffold38899_110	Ca_desi_scaffold	110	[C/G]	NA
Ca_Desi_Chromosome_scaffold39439_176	Ca_desi_scaffold	176	[A/T]	NA
Ca_Desi_Chromosome_scaffold39708_101	Ca_desi_scaffold	101	[A/G]	NA
Ca_Desi_Chromosome_scaffold39708_103	Ca_desi_scaffold	103	[T/G]	NA
Ca_Desi_Chromosome_scaffold39708_106	Ca_desi_scaffold	106	[T/G]	NA
Ca_Desi_Chromosome_scaffold39708_107	Ca_desi_scaffold	107	[G/A]	NA
Ca_Desi_Chromosome_scaffold39708_115	Ca_desi_scaffold	115	[A/G]	NA
Ca_Desi_Chromosome_scaffold39708_127	Ca_desi_scaffold	127	[T/C]	NA
Ca_Desi_Chromosome_scaffold39718_446	Ca_desi_scaffold	446	[G/A]	NA
Ca_Desi_Chromosome_scaffold40029_808	Ca_desi_scaffold	808	[A/C]	NA
Ca_Desi_Chromosome_scaffold40357_98	Ca_desi_scaffold	98	[C/A]	NA
Ca_Desi_Chromosome_scaffold40403_78	Ca_desi_scaffold	78	[G/T]	NA
Ca_Desi_Chromosome_scaffold40455_735	Ca_desi_scaffold	735	[G/A]	NA
Ca_Desi_Chromosome_scaffold40455_736	Ca_desi_scaffold	736	[G/T]	NA
Ca_Desi_Chromosome_scaffold40455_737	Ca_desi_scaffold	737	[C/T]	NA
Ca_Desi_Chromosome_scaffold40509_619	Ca_desi_scaffold	619	[T/G]	NA
Ca_Desi_Chromosome_scaffold40645_308	Ca_desi_scaffold	308	[G/C]	NA
Ca_Desi_Chromosome_scaffold41141_618	Ca_desi_scaffold	618	[T/G]	NA
Ca_Desi_Chromosome_scaffold41219_604	Ca_desi_scaffold	604	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold41258_507	Ca_desi_scaffold	507	[T/A]	NA
Ca_Desi_Ch_scaffold41795_79	Ca_desi_scaffold	79	[C/T]	NA
Ca_Desi_Ch_scaffold41795_96	Ca_desi_scaffold	96	[C/T]	NA
Ca_Desi_Ch_scaffold41968_468	Ca_desi_scaffold	468	[T/C]	NA
Ca_Desi_Ch_scaffold41968_497	Ca_desi_scaffold	497	[G/A]	NA
Ca_Desi_Ch_scaffold42202_34	Ca_desi_scaffold	34	[G/A]	NA
Ca_Desi_Ch_scaffold42202_36	Ca_desi_scaffold	36	[A/G]	NA
Ca_Desi_Ch_scaffold42202_37	Ca_desi_scaffold	37	[C/T]	NA
Ca_Desi_Ch_scaffold42202_38	Ca_desi_scaffold	38	[G/A]	NA
Ca_Desi_Ch_scaffold42202_39	Ca_desi_scaffold	39	[G/A]	NA
Ca_Desi_Ch_scaffold42202_41	Ca_desi_scaffold	41	[T/C]	NA
Ca_Desi_Ch_scaffold42202_42	Ca_desi_scaffold	42	[G/A]	NA
Ca_Desi_Ch_scaffold42202_43	Ca_desi_scaffold	43	[A/G]	NA
Ca_Desi_Ch_scaffold42202_47	Ca_desi_scaffold	47	[A/G]	NA
Ca_Desi_Ch_scaffold42202_49	Ca_desi_scaffold	49	[G/A]	NA
Ca_Desi_Ch_scaffold42202_50	Ca_desi_scaffold	50	[C/G]	NA
Ca_Desi_Ch_scaffold42202_51	Ca_desi_scaffold	51	[G/A]	NA
Ca_Desi_Ch_scaffold42202_52	Ca_desi_scaffold	52	[T/C]	NA
Ca_Desi_Ch_scaffold42202_54	Ca_desi_scaffold	54	[A/G]	NA
Ca_Desi_Ch_scaffold42202_56	Ca_desi_scaffold	56	[A/G]	NA
Ca_Desi_Ch_scaffold42202_57	Ca_desi_scaffold	57	[A/C]	NA
Ca_Desi_Ch_scaffold42202_60	Ca_desi_scaffold	60	[T/C]	NA
Ca_Desi_Ch_scaffold42202_65	Ca_desi_scaffold	65	[T/C]	NA
Ca_Desi_Ch_scaffold42202_66	Ca_desi_scaffold	66	[T/C]	NA
Ca_Desi_Ch_scaffold42202_70	Ca_desi_scaffold	70	[A/G]	NA
Ca_Desi_Ch_scaffold42202_74	Ca_desi_scaffold	74	[G/A]	NA
Ca_Desi_Ch_scaffold42202_75	Ca_desi_scaffold	75	[G/A]	NA
Ca_Desi_Ch_scaffold42202_76	Ca_desi_scaffold	76	[A/G]	NA
Ca_Desi_Ch_scaffold42202_77	Ca_desi_scaffold	77	[C/A]	NA
Ca_Desi_Ch_scaffold42202_78	Ca_desi_scaffold	78	[A/G]	NA
Ca_Desi_Ch_scaffold42202_81	Ca_desi_scaffold	81	[A/G]	NA
Ca_Desi_Ch_scaffold42202_84	Ca_desi_scaffold	84	[T/C]	NA
Ca_Desi_Ch_scaffold42202_85	Ca_desi_scaffold	85	[G/A]	NA
Ca_Desi_Ch_scaffold42202_86	Ca_desi_scaffold	86	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold42202_87	Ca_desi_scaffold	87	[A/G]	NA
Ca_Desi_Ch_scaffold42202_88	Ca_desi_scaffold	88	[A/G]	NA
Ca_Desi_Ch_scaffold42202_89	Ca_desi_scaffold	89	[A/G]	NA
Ca_Desi_Ch_scaffold42202_91	Ca_desi_scaffold	91	[G/A]	NA
Ca_Desi_Ch_scaffold42202_241	Ca_desi_scaffold	241	[A/G]	NA
Ca_Desi_Ch_scaffold42202_274	Ca_desi_scaffold	274	[G/T]	NA
Ca_Desi_Ch_scaffold42202_278	Ca_desi_scaffold	278	[A/C]	NA
Ca_Desi_Ch_scaffold42202_281	Ca_desi_scaffold	281	[T/C]	NA
Ca_Desi_Ch_scaffold42202_285	Ca_desi_scaffold	285	[G/C]	NA
Ca_Desi_Ch_scaffold42202_289	Ca_desi_scaffold	289	[T/C]	NA
Ca_Desi_Ch_scaffold42202_291	Ca_desi_scaffold	291	[G/T]	NA
Ca_Desi_Ch_scaffold42202_297	Ca_desi_scaffold	297	[A/G]	NA
Ca_Desi_Ch_scaffold42202_303	Ca_desi_scaffold	303	[A/C]	NA
Ca_Desi_Ch_scaffold42202_307	Ca_desi_scaffold	307	[A/G]	NA
Ca_Desi_Ch_scaffold42202_312	Ca_desi_scaffold	312	[T/A]	NA
Ca_Desi_Ch_scaffold42202_316	Ca_desi_scaffold	316	[G/C]	NA
Ca_Desi_Ch_scaffold42202_319	Ca_desi_scaffold	319	[T/G]	NA
Ca_Desi_Ch_scaffold42202_322	Ca_desi_scaffold	322	[A/C]	NA
Ca_Desi_Ch_scaffold42202_325	Ca_desi_scaffold	325	[A/G]	NA
Ca_Desi_Ch_scaffold42202_326	Ca_desi_scaffold	326	[A/G]	NA
Ca_Desi_Ch_scaffold42202_329	Ca_desi_scaffold	329	[A/G]	NA
Ca_Desi_Ch_scaffold42202_330	Ca_desi_scaffold	330	[G/T]	NA
Ca_Desi_Ch_scaffold42202_420	Ca_desi_scaffold	420	[G/A]	NA
Ca_Desi_Ch_scaffold42202_422	Ca_desi_scaffold	422	[T/G]	NA
Ca_Desi_Ch_scaffold42202_423	Ca_desi_scaffold	423	[A/G]	NA
Ca_Desi_Ch_scaffold42202_424	Ca_desi_scaffold	424	[A/G]	NA
Ca_Desi_Ch_scaffold42202_426	Ca_desi_scaffold	426	[A/G]	NA
Ca_Desi_Ch_scaffold42202_428	Ca_desi_scaffold	428	[A/G]	NA
Ca_Desi_Ch_scaffold42202_430	Ca_desi_scaffold	430	[A/G]	NA
Ca_Desi_Ch_scaffold42202_433	Ca_desi_scaffold	433	[A/G]	NA
Ca_Desi_Ch_scaffold42202_434	Ca_desi_scaffold	434	[T/C]	NA
Ca_Desi_Ch_scaffold42202_435	Ca_desi_scaffold	435	[G/A]	NA
Ca_Desi_Ch_scaffold42202_436	Ca_desi_scaffold	436	[C/T]	NA
Ca_Desi_Ch_scaffold42202_437	Ca_desi_scaffold	437	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold42202_438	Ca_desi_scaffold	438	[A/G]	NA
Ca_Desi_Chromosome_scaffold42202_441	Ca_desi_scaffold	441	[G/A]	NA
Ca_Desi_Chromosome_scaffold42202_442	Ca_desi_scaffold	442	[T/C]	NA
Ca_Desi_Chromosome_scaffold42202_443	Ca_desi_scaffold	443	[T/C]	NA
Ca_Desi_Chromosome_scaffold42202_444	Ca_desi_scaffold	444	[A/G]	NA
Ca_Desi_Chromosome_scaffold42202_445	Ca_desi_scaffold	445	[T/C]	NA
Ca_Desi_Chromosome_scaffold42202_446	Ca_desi_scaffold	446	[C/T]	NA
Ca_Desi_Chromosome_scaffold42202_447	Ca_desi_scaffold	447	[C/T]	NA
Ca_Desi_Chromosome_scaffold42202_448	Ca_desi_scaffold	448	[G/A]	NA
Ca_Desi_Chromosome_scaffold42202_450	Ca_desi_scaffold	450	[A/G]	NA
Ca_Desi_Chromosome_scaffold42202_451	Ca_desi_scaffold	451	[A/G]	NA
Ca_Desi_Chromosome_scaffold42202_452	Ca_desi_scaffold	452	[T/C]	NA
Ca_Desi_Chromosome_scaffold42202_454	Ca_desi_scaffold	454	[A/G]	NA
Ca_Desi_Chromosome_scaffold42202_455	Ca_desi_scaffold	455	[T/C]	NA
Ca_Desi_Chromosome_scaffold42202_456	Ca_desi_scaffold	456	[T/C]	NA
Ca_Desi_Chromosome_scaffold42202_457	Ca_desi_scaffold	457	[G/T]	NA
Ca_Desi_Chromosome_scaffold42202_460	Ca_desi_scaffold	460	[C/G]	NA
Ca_Desi_Chromosome_scaffold42202_461	Ca_desi_scaffold	461	[G/A]	NA
Ca_Desi_Chromosome_scaffold42202_462	Ca_desi_scaffold	462	[T/G]	NA
Ca_Desi_Chromosome_scaffold42202_463	Ca_desi_scaffold	463	[A/G]	NA
Ca_Desi_Chromosome_scaffold42202_465	Ca_desi_scaffold	465	[A/G]	NA
Ca_Desi_Chromosome_scaffold42202_513	Ca_desi_scaffold	513	[A/C]	NA
Ca_Desi_Chromosome_scaffold42202_685	Ca_desi_scaffold	685	[A/C]	NA
Ca_Desi_Chromosome_scaffold42214_487	Ca_desi_scaffold	487	[G/C]	NA
Ca_Desi_Chromosome_scaffold42214_488	Ca_desi_scaffold	488	[G/A]	NA
Ca_Desi_Chromosome_scaffold42214_489	Ca_desi_scaffold	489	[C/T]	NA
Ca_Desi_Chromosome_scaffold42214_490	Ca_desi_scaffold	490	[A/G]	NA
Ca_Desi_Chromosome_scaffold42214_492	Ca_desi_scaffold	492	[C/T]	NA
Ca_Desi_Chromosome_scaffold42214_493	Ca_desi_scaffold	493	[T/C]	NA
Ca_Desi_Chromosome_scaffold42214_494	Ca_desi_scaffold	494	[G/A]	NA
Ca_Desi_Chromosome_scaffold42214_495	Ca_desi_scaffold	495	[C/T]	NA
Ca_Desi_Chromosome_scaffold42214_496	Ca_desi_scaffold	496	[T/C]	NA
Ca_Desi_Chromosome_scaffold42214_497	Ca_desi_scaffold	497	[T/C]	NA
Ca_Desi_Chromosome_scaffold42214_498	Ca_desi_scaffold	498	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold42214_499	Ca_desig_scaffold	499	[A/G]	NA
Ca_Desig_Chr_scaffold42214_500	Ca_desig_scaffold	500	[G/T]	NA
Ca_Desig_Chr_scaffold42214_501	Ca_desig_scaffold	501	[C/T]	NA
Ca_Desig_Chr_scaffold42214_502	Ca_desig_scaffold	502	[T/C]	NA
Ca_Desig_Chr_scaffold42214_503	Ca_desig_scaffold	503	[G/A]	NA
Ca_Desig_Chr_scaffold42214_504	Ca_desig_scaffold	504	[A/G]	NA
Ca_Desig_Chr_scaffold42214_505	Ca_desig_scaffold	505	[T/C]	NA
Ca_Desig_Chr_scaffold42214_506	Ca_desig_scaffold	506	[A/G]	NA
Ca_Desig_Chr_scaffold42214_508	Ca_desig_scaffold	508	[G/A]	NA
Ca_Desig_Chr_scaffold42214_510	Ca_desig_scaffold	510	[A/G]	NA
Ca_Desig_Chr_scaffold42214_511	Ca_desig_scaffold	511	[A/G]	NA
Ca_Desig_Chr_scaffold42214_512	Ca_desig_scaffold	512	[A/G]	NA
Ca_Desig_Chr_scaffold42214_513	Ca_desig_scaffold	513	[C/A]	NA
Ca_Desig_Chr_scaffold42214_514	Ca_desig_scaffold	514	[A/G]	NA
Ca_Desig_Chr_scaffold42214_515	Ca_desig_scaffold	515	[A/G]	NA
Ca_Desig_Chr_scaffold42214_516	Ca_desig_scaffold	516	[G/A]	NA
Ca_Desig_Chr_scaffold42214_517	Ca_desig_scaffold	517	[A/G]	NA
Ca_Desig_Chr_scaffold42214_519	Ca_desig_scaffold	519	[T/C]	NA
Ca_Desig_Chr_scaffold42214_520	Ca_desig_scaffold	520	[A/G]	NA
Ca_Desig_Chr_scaffold42214_522	Ca_desig_scaffold	522	[A/G]	NA
Ca_Desig_Chr_scaffold42214_523	Ca_desig_scaffold	523	[A/G]	NA
Ca_Desig_Chr_scaffold42214_524	Ca_desig_scaffold	524	[A/G]	NA
Ca_Desig_Chr_scaffold42214_525	Ca_desig_scaffold	525	[G/A]	NA
Ca_Desig_Chr_scaffold42214_526	Ca_desig_scaffold	526	[A/G]	NA
Ca_Desig_Chr_scaffold42214_527	Ca_desig_scaffold	527	[C/T]	NA
Ca_Desig_Chr_scaffold42214_528	Ca_desig_scaffold	528	[C/T]	NA
Ca_Desig_Chr_scaffold42214_529	Ca_desig_scaffold	529	[G/A]	NA
Ca_Desig_Chr_scaffold42214_531	Ca_desig_scaffold	531	[T/C]	NA
Ca_Desig_Chr_scaffold42214_532	Ca_desig_scaffold	532	[T/C]	NA
Ca_Desig_Chr_scaffold42214_533	Ca_desig_scaffold	533	[A/G]	NA
Ca_Desig_Chr_scaffold42214_534	Ca_desig_scaffold	534	[C/T]	NA
Ca_Desig_Chr_scaffold42214_535	Ca_desig_scaffold	535	[A/G]	NA
Ca_Desig_Chr_scaffold42214_536	Ca_desig_scaffold	536	[C/T]	NA
Ca_Desig_Chr_scaffold42214_537	Ca_desig_scaffold	537	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold42214_538	Ca_desig_scaffold	538	[T/C]	NA
Ca_Desig_Chr_scaffold42214_539	Ca_desig_scaffold	539	[A/G]	NA
Ca_Desig_Chr_scaffold42214_540	Ca_desig_scaffold	540	[C/T]	NA
Ca_Desig_Chr_scaffold42214_541	Ca_desig_scaffold	541	[A/G]	NA
Ca_Desig_Chr_scaffold42214_542	Ca_desig_scaffold	542	[C/T]	NA
Ca_Desig_Chr_scaffold42214_543	Ca_desig_scaffold	543	[C/T]	NA
Ca_Desig_Chr_scaffold42214_544	Ca_desig_scaffold	544	[A/G]	NA
Ca_Desig_Chr_scaffold42214_545	Ca_desig_scaffold	545	[A/G]	NA
Ca_Desig_Chr_scaffold42214_546	Ca_desig_scaffold	546	[C/G]	NA
Ca_Desig_Chr_scaffold42214_613	Ca_desig_scaffold	613	[T/C]	NA
Ca_Desig_Chr_scaffold42214_615	Ca_desig_scaffold	615	[T/C]	NA
Ca_Desig_Chr_scaffold42214_616	Ca_desig_scaffold	616	[T/C]	NA
Ca_Desig_Chr_scaffold42214_618	Ca_desig_scaffold	618	[T/C]	NA
Ca_Desig_Chr_scaffold42214_619	Ca_desig_scaffold	619	[T/C]	NA
Ca_Desig_Chr_scaffold42214_621	Ca_desig_scaffold	621	[T/C]	NA
Ca_Desig_Chr_scaffold42214_623	Ca_desig_scaffold	623	[C/T]	NA
Ca_Desig_Chr_scaffold42214_624	Ca_desig_scaffold	624	[G/A]	NA
Ca_Desig_Chr_scaffold42214_626	Ca_desig_scaffold	626	[A/G]	NA
Ca_Desig_Chr_scaffold42214_627	Ca_desig_scaffold	627	[G/A]	NA
Ca_Desig_Chr_scaffold42214_628	Ca_desig_scaffold	628	[A/G]	NA
Ca_Desig_Chr_scaffold42214_629	Ca_desig_scaffold	629	[T/C]	NA
Ca_Desig_Chr_scaffold42214_631	Ca_desig_scaffold	631	[A/G]	NA
Ca_Desig_Chr_scaffold42214_633	Ca_desig_scaffold	633	[A/G]	NA
Ca_Desig_Chr_scaffold42214_635	Ca_desig_scaffold	635	[T/C]	NA
Ca_Desig_Chr_scaffold42214_636	Ca_desig_scaffold	636	[C/T]	NA
Ca_Desig_Chr_scaffold42214_637	Ca_desig_scaffold	637	[G/A]	NA
Ca_Desig_Chr_scaffold42214_638	Ca_desig_scaffold	638	[T/C]	NA
Ca_Desig_Chr_scaffold42214_639	Ca_desig_scaffold	639	[T/C]	NA
Ca_Desig_Chr_scaffold42214_641	Ca_desig_scaffold	641	[A/C]	NA
Ca_Desig_Chr_scaffold42214_643	Ca_desig_scaffold	643	[T/C]	NA
Ca_Desig_Chr_scaffold42214_644	Ca_desig_scaffold	644	[T/C]	NA
Ca_Desig_Chr_scaffold42214_646	Ca_desig_scaffold	646	[T/C]	NA
Ca_Desig_Chr_scaffold42214_648	Ca_desig_scaffold	648	[T/C]	NA
Ca_Desig_Chr_scaffold42214_649	Ca_desig_scaffold	649	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold42214_650	Ca_desi_scaffold	650	[T/C]	NA
Ca_Desi_Chromosome_scaffold42214_651	Ca_desi_scaffold	651	[C/T]	NA
Ca_Desi_Chromosome_scaffold42214_653	Ca_desi_scaffold	653	[A/G]	NA
Ca_Desi_Chromosome_scaffold42214_654	Ca_desi_scaffold	654	[A/G]	NA
Ca_Desi_Chromosome_scaffold42214_655	Ca_desi_scaffold	655	[A/G]	NA
Ca_Desi_Chromosome_scaffold42214_657	Ca_desi_scaffold	657	[A/G]	NA
Ca_Desi_Chromosome_scaffold42214_659	Ca_desi_scaffold	659	[C/T]	NA
Ca_Desi_Chromosome_scaffold42214_660	Ca_desi_scaffold	660	[G/A]	NA
Ca_Desi_Chromosome_scaffold42214_661	Ca_desi_scaffold	661	[T/C]	NA
Ca_Desi_Chromosome_scaffold42214_662	Ca_desi_scaffold	662	[A/G]	NA
Ca_Desi_Chromosome_scaffold42214_663	Ca_desi_scaffold	663	[T/C]	NA
Ca_Desi_Chromosome_scaffold42214_664	Ca_desi_scaffold	664	[T/C]	NA
Ca_Desi_Chromosome_scaffold42214_666	Ca_desi_scaffold	666	[T/C]	NA
Ca_Desi_Chromosome_scaffold42214_667	Ca_desi_scaffold	667	[T/C]	NA
Ca_Desi_Chromosome_scaffold42214_668	Ca_desi_scaffold	668	[T/C]	NA
Ca_Desi_Chromosome_scaffold42214_670	Ca_desi_scaffold	670	[A/G]	NA
Ca_Desi_Chromosome_scaffold42214_671	Ca_desi_scaffold	671	[T/C]	NA
Ca_Desi_Chromosome_scaffold42214_672	Ca_desi_scaffold	672	[T/C]	NA
Ca_Desi_Chromosome_scaffold42228_126	Ca_desi_scaffold	126	[C/T]	NA
Ca_Desi_Chromosome_scaffold42228_257	Ca_desi_scaffold	257	[G/A]	NA
Ca_Desi_Chromosome_scaffold42442_713	Ca_desi_scaffold	713	[C/T]	NA
Ca_Desi_Chromosome_scaffold42442_716	Ca_desi_scaffold	716	[G/A]	NA
Ca_Desi_Chromosome_scaffold42442_734	Ca_desi_scaffold	734	[C/T]	NA
Ca_Desi_Chromosome_scaffold42442_746	Ca_desi_scaffold	746	[T/C]	NA
Ca_Desi_Chromosome_scaffold42442_749	Ca_desi_scaffold	749	[G/T]	NA
Ca_Desi_Chromosome_scaffold42442_753	Ca_desi_scaffold	753	[C/T]	NA
Ca_Desi_Chromosome_scaffold42739_331	Ca_desi_scaffold	331	[A/G]	NA
Ca_Desi_Chromosome_scaffold42739_601	Ca_desi_scaffold	601	[T/C]	NA
Ca_Desi_Chromosome_scaffold42786_585	Ca_desi_scaffold	585	[T/G]	NA
Ca_Desi_Chromosome_scaffold43008_644	Ca_desi_scaffold	644	[T/C]	NA
Ca_Desi_Chromosome_scaffold43008_693	Ca_desi_scaffold	693	[A/G]	NA
Ca_Desi_Chromosome_scaffold43318_189	Ca_desi_scaffold	189	[G/A]	NA
Ca_Desi_Chromosome_scaffold43318_399	Ca_desi_scaffold	399	[A/C]	NA
Ca_Desi_Chromosome_scaffold43318_400	Ca_desi_scaffold	400	[G/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold43318_443	Ca_desi_scaffold	443	[C/T]	NA
Ca_Desi_Ch_scaffold43370_430	Ca_desi_scaffold	430	[G/A]	NA
Ca_Desi_Ch_scaffold43462_605	Ca_desi_scaffold	605	[A/G]	NA
Ca_Desi_Ch_scaffold43462_606	Ca_desi_scaffold	606	[T/C]	NA
Ca_Desi_Ch_scaffold43462_608	Ca_desi_scaffold	608	[T/C]	NA
Ca_Desi_Ch_scaffold43462_612	Ca_desi_scaffold	612	[T/C]	NA
Ca_Desi_Ch_scaffold43462_614	Ca_desi_scaffold	614	[T/C]	NA
Ca_Desi_Ch_scaffold43462_622	Ca_desi_scaffold	622	[A/G]	NA
Ca_Desi_Ch_scaffold43462_628	Ca_desi_scaffold	628	[T/C]	NA
Ca_Desi_Ch_scaffold43462_631	Ca_desi_scaffold	631	[C/T]	NA
Ca_Desi_Ch_scaffold43462_636	Ca_desi_scaffold	636	[T/C]	NA
Ca_Desi_Ch_scaffold43462_638	Ca_desi_scaffold	638	[T/G]	NA
Ca_Desi_Ch_scaffold43462_642	Ca_desi_scaffold	642	[G/T]	NA
Ca_Desi_Ch_scaffold43462_645	Ca_desi_scaffold	645	[C/G]	NA
Ca_Desi_Ch_scaffold43462_646	Ca_desi_scaffold	646	[T/C]	NA
Ca_Desi_Ch_scaffold43462_649	Ca_desi_scaffold	649	[T/C]	NA
Ca_Desi_Ch_scaffold43462_651	Ca_desi_scaffold	651	[T/C]	NA
Ca_Desi_Ch_scaffold43462_654	Ca_desi_scaffold	654	[G/T]	NA
Ca_Desi_Ch_scaffold43462_655	Ca_desi_scaffold	655	[A/T]	NA
Ca_Desi_Ch_scaffold43462_657	Ca_desi_scaffold	657	[C/T]	NA
Ca_Desi_Ch_scaffold43462_660	Ca_desi_scaffold	660	[A/G]	NA
Ca_Desi_Ch_scaffold43462_662	Ca_desi_scaffold	662	[T/C]	NA
Ca_Desi_Ch_scaffold43462_663	Ca_desi_scaffold	663	[G/T]	NA
Ca_Desi_Ch_scaffold43875_523	Ca_desi_scaffold	523	[A/T]	NA
Ca_Desi_Ch_scaffold43875_526	Ca_desi_scaffold	526	[T/C]	NA
Ca_Desi_Ch_scaffold43875_527	Ca_desi_scaffold	527	[C/T]	NA
Ca_Desi_Ch_scaffold43875_528	Ca_desi_scaffold	528	[C/T]	NA
Ca_Desi_Ch_scaffold43875_529	Ca_desi_scaffold	529	[C/T]	NA
Ca_Desi_Ch_scaffold43875_530	Ca_desi_scaffold	530	[A/G]	NA
Ca_Desi_Ch_scaffold43875_531	Ca_desi_scaffold	531	[T/C]	NA
Ca_Desi_Ch_scaffold43875_532	Ca_desi_scaffold	532	[T/C]	NA
Ca_Desi_Ch_scaffold43875_533	Ca_desi_scaffold	533	[C/T]	NA
Ca_Desi_Ch_scaffold43875_534	Ca_desi_scaffold	534	[C/T]	NA
Ca_Desi_Ch_scaffold43875_535	Ca_desi_scaffold	535	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold43875_536	Ca_desi_scaffold	536	[C/T]	NA
Ca_Desi_Ch_scaffold43875_537	Ca_desi_scaffold	537	[C/A]	NA
Ca_Desi_Ch_scaffold43875_538	Ca_desi_scaffold	538	[A/G]	NA
Ca_Desi_Ch_scaffold43875_539	Ca_desi_scaffold	539	[C/T]	NA
Ca_Desi_Ch_scaffold43875_540	Ca_desi_scaffold	540	[C/T]	NA
Ca_Desi_Ch_scaffold43875_541	Ca_desi_scaffold	541	[A/G]	NA
Ca_Desi_Ch_scaffold43875_542	Ca_desi_scaffold	542	[A/G]	NA
Ca_Desi_Ch_scaffold43875_543	Ca_desi_scaffold	543	[A/G]	NA
Ca_Desi_Ch_scaffold43875_544	Ca_desi_scaffold	544	[T/C]	NA
Ca_Desi_Ch_scaffold43875_545	Ca_desi_scaffold	545	[C/T]	NA
Ca_Desi_Ch_scaffold43875_546	Ca_desi_scaffold	546	[G/A]	NA
Ca_Desi_Ch_scaffold43875_547	Ca_desi_scaffold	547	[C/T]	NA
Ca_Desi_Ch_scaffold43875_548	Ca_desi_scaffold	548	[T/C]	NA
Ca_Desi_Ch_scaffold43875_549	Ca_desi_scaffold	549	[A/G]	NA
Ca_Desi_Ch_scaffold43875_552	Ca_desi_scaffold	552	[A/G]	NA
Ca_Desi_Ch_scaffold43875_553	Ca_desi_scaffold	553	[T/C]	NA
Ca_Desi_Ch_scaffold43875_554	Ca_desi_scaffold	554	[A/G]	NA
Ca_Desi_Ch_scaffold43875_555	Ca_desi_scaffold	555	[A/G]	NA
Ca_Desi_Ch_scaffold43875_556	Ca_desi_scaffold	556	[G/A]	NA
Ca_Desi_Ch_scaffold43875_558	Ca_desi_scaffold	558	[A/G]	NA
Ca_Desi_Ch_scaffold43875_559	Ca_desi_scaffold	559	[A/G]	NA
Ca_Desi_Ch_scaffold43875_560	Ca_desi_scaffold	560	[A/G]	NA
Ca_Desi_Ch_scaffold43875_561	Ca_desi_scaffold	561	[C/A]	NA
Ca_Desi_Ch_scaffold43875_562	Ca_desi_scaffold	562	[A/G]	NA
Ca_Desi_Ch_scaffold43875_563	Ca_desi_scaffold	563	[A/G]	NA
Ca_Desi_Ch_scaffold43875_564	Ca_desi_scaffold	564	[A/G]	NA
Ca_Desi_Ch_scaffold43875_565	Ca_desi_scaffold	565	[T/C]	NA
Ca_Desi_Ch_scaffold43875_566	Ca_desi_scaffold	566	[C/A]	NA
Ca_Desi_Ch_scaffold43875_567	Ca_desi_scaffold	567	[C/T]	NA
Ca_Desi_Ch_scaffold43875_568	Ca_desi_scaffold	568	[G/A]	NA
Ca_Desi_Ch_scaffold43875_569	Ca_desi_scaffold	569	[A/G]	NA
Ca_Desi_Ch_scaffold43875_570	Ca_desi_scaffold	570	[A/G]	NA
Ca_Desi_Ch_scaffold43875_571	Ca_desi_scaffold	571	[T/C]	NA
Ca_Desi_Ch_scaffold43875_572	Ca_desi_scaffold	572	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold43875_573	Ca_desig_scaffold	573	[G/A]	NA
Ca_Desig_Chr_scaffold43875_574	Ca_desig_scaffold	574	[G/A]	NA
Ca_Desig_Chr_scaffold43875_578	Ca_desig_scaffold	578	[A/G]	NA
Ca_Desig_Chr_scaffold43875_579	Ca_desig_scaffold	579	[T/C]	NA
Ca_Desig_Chr_scaffold43875_580	Ca_desig_scaffold	580	[T/C]	NA
Ca_Desig_Chr_scaffold43875_581	Ca_desig_scaffold	581	[C/T]	NA
Ca_Desig_Chr_scaffold43875_582	Ca_desig_scaffold	582	[G/T]	NA
Ca_Desig_Chr_scaffold43875_583	Ca_desig_scaffold	583	[G/A]	NA
Ca_Desig_Chr_scaffold43875_584	Ca_desig_scaffold	584	[C/T]	NA
Ca_Desig_Chr_scaffold44312_462	Ca_desig_scaffold	462	[A/G]	NA
Ca_Desig_Chr_scaffold44312_500	Ca_desig_scaffold	500	[A/G]	NA
Ca_Desig_Chr_scaffold44312_602	Ca_desig_scaffold	602	[T/G]	NA
Ca_Desig_Chr_scaffold44312_634	Ca_desig_scaffold	634	[C/T]	NA
Ca_Desig_Chr_scaffold44312_635	Ca_desig_scaffold	635	[A/T]	NA
Ca_Desig_Chr_scaffold44312_637	Ca_desig_scaffold	637	[C/T]	NA
Ca_Desig_Chr_scaffold44312_638	Ca_desig_scaffold	638	[T/C]	NA
Ca_Desig_Chr_scaffold44312_641	Ca_desig_scaffold	641	[A/G]	NA
Ca_Desig_Chr_scaffold44312_642	Ca_desig_scaffold	642	[A/G]	NA
Ca_Desig_Chr_scaffold44312_644	Ca_desig_scaffold	644	[T/C]	NA
Ca_Desig_Chr_scaffold44312_645	Ca_desig_scaffold	645	[T/C]	NA
Ca_Desig_Chr_scaffold44312_646	Ca_desig_scaffold	646	[A/G]	NA
Ca_Desig_Chr_scaffold44312_647	Ca_desig_scaffold	647	[T/C]	NA
Ca_Desig_Chr_scaffold44312_648	Ca_desig_scaffold	648	[G/A]	NA
Ca_Desig_Chr_scaffold44312_650	Ca_desig_scaffold	650	[T/C]	NA
Ca_Desig_Chr_scaffold44312_651	Ca_desig_scaffold	651	[A/G]	NA
Ca_Desig_Chr_scaffold44312_653	Ca_desig_scaffold	653	[T/A]	NA
Ca_Desig_Chr_scaffold44312_654	Ca_desig_scaffold	654	[A/G]	NA
Ca_Desig_Chr_scaffold44312_656	Ca_desig_scaffold	656	[T/C]	NA
Ca_Desig_Chr_scaffold44312_657	Ca_desig_scaffold	657	[T/C]	NA
Ca_Desig_Chr_scaffold44312_659	Ca_desig_scaffold	659	[C/T]	NA
Ca_Desig_Chr_scaffold44312_660	Ca_desig_scaffold	660	[A/G]	NA
Ca_Desig_Chr_scaffold44312_661	Ca_desig_scaffold	661	[T/C]	NA
Ca_Desig_Chr_scaffold44312_663	Ca_desig_scaffold	663	[G/C]	NA
Ca_Desig_Chr_scaffold44312_665	Ca_desig_scaffold	665	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold44312_668	Ca_desi_scaffold	668	[G/A]	NA
Ca_Desi_Ch_scaffold44312_669	Ca_desi_scaffold	669	[C/T]	NA
Ca_Desi_Ch_scaffold44312_670	Ca_desi_scaffold	670	[T/C]	NA
Ca_Desi_Ch_scaffold44312_671	Ca_desi_scaffold	671	[T/C]	NA
Ca_Desi_Ch_scaffold44312_672	Ca_desi_scaffold	672	[T/C]	NA
Ca_Desi_Ch_scaffold44312_673	Ca_desi_scaffold	673	[A/G]	NA
Ca_Desi_Ch_scaffold44312_674	Ca_desi_scaffold	674	[T/C]	NA
Ca_Desi_Ch_scaffold44312_676	Ca_desi_scaffold	676	[T/C]	NA
Ca_Desi_Ch_scaffold44312_677	Ca_desi_scaffold	677	[A/G]	NA
Ca_Desi_Ch_scaffold44312_679	Ca_desi_scaffold	679	[T/G]	NA
Ca_Desi_Ch_scaffold44312_681	Ca_desi_scaffold	681	[A/G]	NA
Ca_Desi_Ch_scaffold44312_683	Ca_desi_scaffold	683	[A/G]	NA
Ca_Desi_Ch_scaffold44312_685	Ca_desi_scaffold	685	[A/G]	NA
Ca_Desi_Ch_scaffold44312_686	Ca_desi_scaffold	686	[A/G]	NA
Ca_Desi_Ch_scaffold44312_687	Ca_desi_scaffold	687	[A/G]	NA
Ca_Desi_Ch_scaffold44312_688	Ca_desi_scaffold	688	[T/G]	NA
Ca_Desi_Ch_scaffold44312_689	Ca_desi_scaffold	689	[T/C]	NA
Ca_Desi_Ch_scaffold44312_690	Ca_desi_scaffold	690	[T/C]	NA
Ca_Desi_Ch_scaffold44312_691	Ca_desi_scaffold	691	[G/A]	NA
Ca_Desi_Ch_scaffold44312_693	Ca_desi_scaffold	693	[T/C]	NA
Ca_Desi_Ch_scaffold44312_694	Ca_desi_scaffold	694	[G/A]	NA
Ca_Desi_Ch_scaffold44312_696	Ca_desi_scaffold	696	[T/C]	NA
Ca_Desi_Ch_scaffold44312_699	Ca_desi_scaffold	699	[T/C]	NA
Ca_Desi_Ch_scaffold44312_700	Ca_desi_scaffold	700	[C/T]	NA
Ca_Desi_Ch_scaffold44312_701	Ca_desi_scaffold	701	[C/T]	NA
Ca_Desi_Ch_scaffold44312_702	Ca_desi_scaffold	702	[A/G]	NA
Ca_Desi_Ch_scaffold44312_704	Ca_desi_scaffold	704	[G/A]	NA
Ca_Desi_Ch_scaffold44312_705	Ca_desi_scaffold	705	[A/G]	NA
Ca_Desi_Ch_scaffold44312_706	Ca_desi_scaffold	706	[C/T]	NA
Ca_Desi_Ch_scaffold44312_707	Ca_desi_scaffold	707	[A/G]	NA
Ca_Desi_Ch_scaffold44312_708	Ca_desi_scaffold	708	[T/C]	NA
Ca_Desi_Ch_scaffold44312_709	Ca_desi_scaffold	709	[A/G]	NA
Ca_Desi_Ch_scaffold44312_710	Ca_desi_scaffold	710	[C/T]	NA
Ca_Desi_Ch_scaffold44312_711	Ca_desi_scaffold	711	[A/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold44312_713	Ca_desig_scaffold	713	[A/G]	NA
Ca_Desig_Chr_scaffold44312_714	Ca_desig_scaffold	714	[A/G]	NA
Ca_Desig_Chr_scaffold44312_716	Ca_desig_scaffold	716	[T/C]	NA
Ca_Desig_Chr_scaffold44312_717	Ca_desig_scaffold	717	[A/G]	NA
Ca_Desig_Chr_scaffold44312_718	Ca_desig_scaffold	718	[T/C]	NA
Ca_Desig_Chr_scaffold44312_719	Ca_desig_scaffold	719	[C/T]	NA
Ca_Desig_Chr_scaffold44312_721	Ca_desig_scaffold	721	[T/C]	NA
Ca_Desig_Chr_scaffold44312_723	Ca_desig_scaffold	723	[T/C]	NA
Ca_Desig_Chr_scaffold44312_724	Ca_desig_scaffold	724	[G/A]	NA
Ca_Desig_Chr_scaffold44312_725	Ca_desig_scaffold	725	[G/A]	NA
Ca_Desig_Chr_scaffold44312_726	Ca_desig_scaffold	726	[A/G]	NA
Ca_Desig_Chr_scaffold44312_727	Ca_desig_scaffold	727	[T/C]	NA
Ca_Desig_Chr_scaffold44312_728	Ca_desig_scaffold	728	[G/A]	NA
Ca_Desig_Chr_scaffold44312_729	Ca_desig_scaffold	729	[T/C]	NA
Ca_Desig_Chr_scaffold44312_730	Ca_desig_scaffold	730	[G/A]	NA
Ca_Desig_Chr_scaffold44312_731	Ca_desig_scaffold	731	[G/A]	NA
Ca_Desig_Chr_scaffold44312_732	Ca_desig_scaffold	732	[T/G]	NA
Ca_Desig_Chr_scaffold44312_733	Ca_desig_scaffold	733	[G/A]	NA
Ca_Desig_Chr_scaffold44312_734	Ca_desig_scaffold	734	[A/G]	NA
Ca_Desig_Chr_scaffold44312_735	Ca_desig_scaffold	735	[A/G]	NA
Ca_Desig_Chr_scaffold44312_736	Ca_desig_scaffold	736	[C/T]	NA
Ca_Desig_Chr_scaffold44312_737	Ca_desig_scaffold	737	[A/G]	NA
Ca_Desig_Chr_scaffold44312_738	Ca_desig_scaffold	738	[A/G]	NA
Ca_Desig_Chr_scaffold44312_739	Ca_desig_scaffold	739	[A/G]	NA
Ca_Desig_Chr_scaffold44312_740	Ca_desig_scaffold	740	[G/A]	NA
Ca_Desig_Chr_scaffold44312_741	Ca_desig_scaffold	741	[C/A]	NA
Ca_Desig_Chr_scaffold44312_742	Ca_desig_scaffold	742	[A/G]	NA
Ca_Desig_Chr_scaffold44312_743	Ca_desig_scaffold	743	[A/G]	NA
Ca_Desig_Chr_scaffold44312_744	Ca_desig_scaffold	744	[T/C]	NA
Ca_Desig_Chr_scaffold44312_745	Ca_desig_scaffold	745	[C/T]	NA
Ca_Desig_Chr_scaffold44312_746	Ca_desig_scaffold	746	[A/G]	NA
Ca_Desig_Chr_scaffold44312_748	Ca_desig_scaffold	748	[C/T]	NA
Ca_Desig_Chr_scaffold44312_749	Ca_desig_scaffold	749	[T/C]	NA
Ca_Desig_Chr_scaffold44312_750	Ca_desig_scaffold	750	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold44312_752	Ca_desi_scaffold	752	[T/C]	NA
Ca_Desi_Ch_scaffold44312_753	Ca_desi_scaffold	753	[T/C]	NA
Ca_Desi_Ch_scaffold44312_754	Ca_desi_scaffold	754	[C/T]	NA
Ca_Desi_Ch_scaffold44907_53	Ca_desi_scaffold	53	[T/C]	NA
Ca_Desi_Ch_scaffold44974_141	Ca_desi_scaffold	141	[T/G]	NA
Ca_Desi_Ch_scaffold45025_159	Ca_desi_scaffold	159	[A/G]	NA
Ca_Desi_Ch_scaffold45025_281	Ca_desi_scaffold	281	[G/A]	NA
Ca_Desi_Ch_scaffold45025_290	Ca_desi_scaffold	290	[C/T]	NA
Ca_Desi_Ch_scaffold45025_296	Ca_desi_scaffold	296	[A/G]	NA
Ca_Desi_Ch_scaffold45025_304	Ca_desi_scaffold	304	[A/C]	NA
Ca_Desi_Ch_scaffold45041_323	Ca_desi_scaffold	323	[A/G]	NA
Ca_Desi_Ch_scaffold45041_324	Ca_desi_scaffold	324	[T/G]	NA
Ca_Desi_Ch_scaffold45041_325	Ca_desi_scaffold	325	[C/T]	NA
Ca_Desi_Ch_scaffold45041_326	Ca_desi_scaffold	326	[G/C]	NA
Ca_Desi_Ch_scaffold45041_327	Ca_desi_scaffold	327	[C/T]	NA
Ca_Desi_Ch_scaffold45041_328	Ca_desi_scaffold	328	[G/A]	NA
Ca_Desi_Ch_scaffold45041_331	Ca_desi_scaffold	331	[C/G]	NA
Ca_Desi_Ch_scaffold45041_336	Ca_desi_scaffold	336	[G/A]	NA
Ca_Desi_Ch_scaffold45041_337	Ca_desi_scaffold	337	[A/G]	NA
Ca_Desi_Ch_scaffold45041_338	Ca_desi_scaffold	338	[G/A]	NA
Ca_Desi_Ch_scaffold45041_339	Ca_desi_scaffold	339	[G/A]	NA
Ca_Desi_Ch_scaffold45041_341	Ca_desi_scaffold	341	[T/C]	NA
Ca_Desi_Ch_scaffold45041_342	Ca_desi_scaffold	342	[G/A]	NA
Ca_Desi_Ch_scaffold45041_343	Ca_desi_scaffold	343	[A/G]	NA
Ca_Desi_Ch_scaffold45041_344	Ca_desi_scaffold	344	[G/A]	NA
Ca_Desi_Ch_scaffold45041_345	Ca_desi_scaffold	345	[C/T]	NA
Ca_Desi_Ch_scaffold45041_346	Ca_desi_scaffold	346	[T/C]	NA
Ca_Desi_Ch_scaffold45041_348	Ca_desi_scaffold	348	[A/G]	NA
Ca_Desi_Ch_scaffold45041_350	Ca_desi_scaffold	350	[T/C]	NA
Ca_Desi_Ch_scaffold45041_351	Ca_desi_scaffold	351	[T/C]	NA
Ca_Desi_Ch_scaffold45041_355	Ca_desi_scaffold	355	[A/G]	NA
Ca_Desi_Ch_scaffold45041_356	Ca_desi_scaffold	356	[A/G]	NA
Ca_Desi_Ch_scaffold45041_357	Ca_desi_scaffold	357	[A/C]	NA
Ca_Desi_Ch_scaffold45041_360	Ca_desi_scaffold	360	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold45041_362	Ca_desig_scaffold	362	[T/C]	NA
Ca_Desig_Chr_scaffold45041_365	Ca_desig_scaffold	365	[T/C]	NA
Ca_Desig_Chr_scaffold45041_367	Ca_desig_scaffold	367	[A/G]	NA
Ca_Desig_Chr_scaffold45041_369	Ca_desig_scaffold	369	[T/C]	NA
Ca_Desig_Chr_scaffold45041_370	Ca_desig_scaffold	370	[T/C]	NA
Ca_Desig_Chr_scaffold45041_372	Ca_desig_scaffold	372	[G/A]	NA
Ca_Desig_Chr_scaffold45041_374	Ca_desig_scaffold	374	[A/G]	NA
Ca_Desig_Chr_scaffold45041_375	Ca_desig_scaffold	375	[T/C]	NA
Ca_Desig_Chr_scaffold45041_376	Ca_desig_scaffold	376	[T/C]	NA
Ca_Desig_Chr_scaffold45041_378	Ca_desig_scaffold	378	[T/C]	NA
Ca_Desig_Chr_scaffold45041_379	Ca_desig_scaffold	379	[A/G]	NA
Ca_Desig_Chr_scaffold45041_401	Ca_desig_scaffold	401	[A/G]	NA
Ca_Desig_Chr_scaffold45041_426	Ca_desig_scaffold	426	[T/G]	NA
Ca_Desig_Chr_scaffold45041_432	Ca_desig_scaffold	432	[A/G]	NA
Ca_Desig_Chr_scaffold45041_441	Ca_desig_scaffold	441	[T/A]	NA
Ca_Desig_Chr_scaffold45041_445	Ca_desig_scaffold	445	[T/C]	NA
Ca_Desig_Chr_scaffold45050_446	Ca_desig_scaffold	446	[T/G]	NA
Ca_Desig_Chr_scaffold45050_450	Ca_desig_scaffold	450	[A/C]	NA
Ca_Desig_Chr_scaffold45050_466	Ca_desig_scaffold	466	[T/C]	NA
Ca_Desig_Chr_scaffold45190_121	Ca_desig_scaffold	121	[A/G]	NA
Ca_Desig_Chr_scaffold45190_148	Ca_desig_scaffold	148	[A/G]	NA
Ca_Desig_Chr_scaffold45190_154	Ca_desig_scaffold	154	[C/T]	NA
Ca_Desig_Chr_scaffold45190_157	Ca_desig_scaffold	157	[T/G]	NA
Ca_Desig_Chr_scaffold45190_159	Ca_desig_scaffold	159	[A/G]	NA
Ca_Desig_Chr_scaffold45190_160	Ca_desig_scaffold	160	[A/G]	NA
Ca_Desig_Chr_scaffold45190_162	Ca_desig_scaffold	162	[T/C]	NA
Ca_Desig_Chr_scaffold45190_166	Ca_desig_scaffold	166	[T/C]	NA
Ca_Desig_Chr_scaffold45190_172	Ca_desig_scaffold	172	[A/G]	NA
Ca_Desig_Chr_scaffold45190_177	Ca_desig_scaffold	177	[A/G]	NA
Ca_Desig_Chr_scaffold45190_180	Ca_desig_scaffold	180	[T/A]	NA
Ca_Desig_Chr_scaffold45190_184	Ca_desig_scaffold	184	[A/G]	NA
Ca_Desig_Chr_scaffold45190_186	Ca_desig_scaffold	186	[T/A]	NA
Ca_Desig_Chr_scaffold45190_187	Ca_desig_scaffold	187	[A/G]	NA
Ca_Desig_Chr_scaffold45190_190	Ca_desig_scaffold	190	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_scaffold45190_191	Ca_desi_scaffold	191	[T/C]	NA
Ca_Desi_Ch_scaffold45190_192	Ca_desi_scaffold	192	[A/G]	NA
Ca_Desi_Ch_scaffold45190_195	Ca_desi_scaffold	195	[T/C]	NA
Ca_Desi_Ch_scaffold45190_200	Ca_desi_scaffold	200	[T/C]	NA
Ca_Desi_Ch_scaffold45190_202	Ca_desi_scaffold	202	[G/T]	NA
Ca_Desi_Ch_scaffold45190_203	Ca_desi_scaffold	203	[G/T]	NA
Ca_Desi_Ch_scaffold45568_539	Ca_desi_scaffold	539	[G/A]	NA
Ca_Desi_Ch_scaffold45624_150	Ca_desi_scaffold	150	[C/T]	NA
Ca_Desi_Ch_scaffold45903_34	Ca_desi_scaffold	34	[C/A]	NA
Ca_Desi_Ch_scaffold45903_68	Ca_desi_scaffold	68	[A/C]	NA
Ca_Desi_Ch_scaffold45903_69	Ca_desi_scaffold	69	[T/C]	NA
Ca_Desi_Ch_scaffold46097_356	Ca_desi_scaffold	356	[G/A]	NA
Ca_Desi_Ch_scaffold46097_360	Ca_desi_scaffold	360	[T/G]	NA
Ca_Desi_Ch_scaffold46097_381	Ca_desi_scaffold	381	[T/A]	NA
Ca_Desi_Ch_scaffold46103_302	Ca_desi_scaffold	302	[A/T]	NA
Ca_Desi_Ch_scaffold46103_342	Ca_desi_scaffold	342	[C/A]	NA
Ca_Desi_Ch_scaffold46306_273	Ca_desi_scaffold	273	[G/A]	NA
Ca_Desi_Ch_scaffold46783_225	Ca_desi_scaffold	225	[C/T]	NA
Ca_Desi_Ch_scaffold46783_238	Ca_desi_scaffold	238	[A/G]	NA
Ca_Desi_Ch_scaffold46783_253	Ca_desi_scaffold	253	[C/T]	NA
Ca_Desi_Ch_scaffold46942_224	Ca_desi_scaffold	224	[G/A]	NA
Ca_Desi_Ch_scaffold46942_378	Ca_desi_scaffold	378	[G/A]	NA
Ca_Desi_Ch_scaffold46942_404	Ca_desi_scaffold	404	[C/T]	NA
Ca_Desi_Ch_scaffold46942_408	Ca_desi_scaffold	408	[T/G]	NA
Ca_Desi_Ch_scaffold46942_432	Ca_desi_scaffold	432	[T/A]	NA
Ca_Desi_Ch_scaffold47096_102	Ca_desi_scaffold	102	[C/T]	NA
Ca_Desi_Ch_scaffold47278_587	Ca_desi_scaffold	587	[G/C]	NA
Ca_Desi_Ch_scaffold47543_397	Ca_desi_scaffold	397	[T/G]	NA
Ca_Desi_Ch_scaffold47543_581	Ca_desi_scaffold	581	[A/G]	NA
Ca_Desi_Ch_scaffold48126_196	Ca_desi_scaffold	196	[A/T]	NA
Ca_Desi_Ch_scaffold48396_661	Ca_desi_scaffold	661	[G/A]	NA
Ca_Desi_Ch_scaffold48444_46	Ca_desi_scaffold	46	[C/T]	NA
Ca_Desi_Ch_scaffold48444_65	Ca_desi_scaffold	65	[C/T]	NA
Ca_Desi_Ch_scaffold48559_340	Ca_desi_scaffold	340	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold48559_343	Ca_desig_scaffold	343	[C/T]	NA
Ca_Desig_Chr_scaffold48559_381	Ca_desig_scaffold	381	[G/T]	NA
Ca_Desig_Chr_scaffold48559_382	Ca_desig_scaffold	382	[G/T]	NA
Ca_Desig_Chr_scaffold48712_429	Ca_desig_scaffold	429	[A/C]	NA
Ca_Desig_Chr_scaffold48747_422	Ca_desig_scaffold	422	[T/C]	NA
Ca_Desig_Chr_scaffold48747_429	Ca_desig_scaffold	429	[A/G]	NA
Ca_Desig_Chr_scaffold48747_431	Ca_desig_scaffold	431	[A/G]	NA
Ca_Desig_Chr_scaffold48770_644	Ca_desig_scaffold	644	[T/C]	NA
Ca_Desig_Chr_scaffold49596_572	Ca_desig_scaffold	572	[T/G]	NA
Ca_Desig_Chr_scaffold49705_247	Ca_desig_scaffold	247	[G/A]	NA
Ca_Desig_Chr_scaffold50119_97	Ca_desig_scaffold	97	[A/C]	NA
Ca_Desig_Chr_scaffold50119_109	Ca_desig_scaffold	109	[G/A]	NA
Ca_Desig_Chr_scaffold50119_473	Ca_desig_scaffold	473	[A/C]	NA
Ca_Desig_Chr_scaffold50119_488	Ca_desig_scaffold	488	[T/G]	NA
Ca_Desig_Chr_scaffold50119_490	Ca_desig_scaffold	490	[C/A]	NA
Ca_Desig_Chr_scaffold50119_507	Ca_desig_scaffold	507	[A/G]	NA
Ca_Desig_Chr_scaffold50291_533	Ca_desig_scaffold	533	[A/G]	NA
Ca_Desig_Chr_scaffold50291_535	Ca_desig_scaffold	535	[A/G]	NA
Ca_Desig_Chr_scaffold50291_540	Ca_desig_scaffold	540	[A/G]	NA
Ca_Desig_Chr_scaffold50291_543	Ca_desig_scaffold	543	[T/C]	NA
Ca_Desig_Chr_scaffold50431_198	Ca_desig_scaffold	198	[T/C]	NA
Ca_Desig_Chr_scaffold50431_212	Ca_desig_scaffold	212	[T/C]	NA
Ca_Desig_Chr_scaffold50431_220	Ca_desig_scaffold	220	[G/C]	NA
Ca_Desig_Chr_scaffold50431_229	Ca_desig_scaffold	229	[T/C]	NA
Ca_Desig_Chr_scaffold50431_234	Ca_desig_scaffold	234	[T/C]	NA
Ca_Desig_Chr_scaffold50507_238	Ca_desig_scaffold	238	[A/C]	NA
Ca_Desig_Chr_scaffold50507_306	Ca_desig_scaffold	306	[G/C]	NA
Ca_Desig_Chr_scaffold50507_314	Ca_desig_scaffold	314	[A/C]	NA
Ca_Desig_Chr_scaffold50507_317	Ca_desig_scaffold	317	[T/C]	NA
Ca_Desig_Chr_scaffold50507_333	Ca_desig_scaffold	333	[T/C]	NA
Ca_Desig_Chr_scaffold50507_350	Ca_desig_scaffold	350	[T/A]	NA
Ca_Desig_Chr_scaffold50507_353	Ca_desig_scaffold	353	[T/A]	NA
Ca_Desig_Chr_scaffold50663_617	Ca_desig_scaffold	617	[G/T]	NA
Ca_Desig_Chr_scaffold50728_414	Ca_desig_scaffold	414	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold50785_643	Ca_desi_scaffold	643	[C/T]	NA
Ca_Desi_Chromosome_scaffold50785_686	Ca_desi_scaffold	686	[G/C]	NA
Ca_Desi_Chromosome_scaffold50785_691	Ca_desi_scaffold	691	[T/C]	NA
Ca_Desi_Chromosome_scaffold51894_72	Ca_desi_scaffold	72	[G/A]	NA
Ca_Desi_Chromosome_scaffold52815_427	Ca_desi_scaffold	427	[A/C]	NA
Ca_Desi_Chromosome_scaffold52815_460	Ca_desi_scaffold	460	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_462	Ca_desi_scaffold	462	[G/A]	NA
Ca_Desi_Chromosome_scaffold52815_463	Ca_desi_scaffold	463	[T/C]	NA
Ca_Desi_Chromosome_scaffold52815_465	Ca_desi_scaffold	465	[C/T]	NA
Ca_Desi_Chromosome_scaffold52815_466	Ca_desi_scaffold	466	[T/C]	NA
Ca_Desi_Chromosome_scaffold52815_468	Ca_desi_scaffold	468	[T/A]	NA
Ca_Desi_Chromosome_scaffold52815_469	Ca_desi_scaffold	469	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_470	Ca_desi_scaffold	470	[G/A]	NA
Ca_Desi_Chromosome_scaffold52815_472	Ca_desi_scaffold	472	[G/A]	NA
Ca_Desi_Chromosome_scaffold52815_473	Ca_desi_scaffold	473	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_474	Ca_desi_scaffold	474	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_475	Ca_desi_scaffold	475	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_477	Ca_desi_scaffold	477	[T/C]	NA
Ca_Desi_Chromosome_scaffold52815_479	Ca_desi_scaffold	479	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_480	Ca_desi_scaffold	480	[T/C]	NA
Ca_Desi_Chromosome_scaffold52815_481	Ca_desi_scaffold	481	[T/C]	NA
Ca_Desi_Chromosome_scaffold52815_482	Ca_desi_scaffold	482	[G/T]	NA
Ca_Desi_Chromosome_scaffold52815_483	Ca_desi_scaffold	483	[C/T]	NA
Ca_Desi_Chromosome_scaffold52815_484	Ca_desi_scaffold	484	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_485	Ca_desi_scaffold	485	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_486	Ca_desi_scaffold	486	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_487	Ca_desi_scaffold	487	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_489	Ca_desi_scaffold	489	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_490	Ca_desi_scaffold	490	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_494	Ca_desi_scaffold	494	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_495	Ca_desi_scaffold	495	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_496	Ca_desi_scaffold	496	[A/G]	NA
Ca_Desi_Chromosome_scaffold52815_497	Ca_desi_scaffold	497	[T/A]	NA
Ca_Desi_Chromosome_scaffold52815_498	Ca_desi_scaffold	498	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold52815_502	Ca_desig_scaffold	502	[A/G]	NA
Ca_Desig_Chr_scaffold52815_503	Ca_desig_scaffold	503	[A/G]	NA
Ca_Desig_Chr_scaffold52815_505	Ca_desig_scaffold	505	[A/G]	NA
Ca_Desig_Chr_scaffold52815_506	Ca_desig_scaffold	506	[T/C]	NA
Ca_Desig_Chr_scaffold52815_508	Ca_desig_scaffold	508	[A/G]	NA
Ca_Desig_Chr_scaffold52815_510	Ca_desig_scaffold	510	[A/G]	NA
Ca_Desig_Chr_scaffold52815_512	Ca_desig_scaffold	512	[T/C]	NA
Ca_Desig_Chr_scaffold52815_513	Ca_desig_scaffold	513	[T/C]	NA
Ca_Desig_Chr_scaffold52815_516	Ca_desig_scaffold	516	[C/A]	NA
Ca_Desig_Chr_scaffold52863_324	Ca_desig_scaffold	324	[C/T]	NA
Ca_Desig_Chr_scaffold53048_543	Ca_desig_scaffold	543	[T/C]	NA
Ca_Desig_Chr_scaffold53048_545	Ca_desig_scaffold	545	[T/C]	NA
Ca_Desig_Chr_scaffold53048_546	Ca_desig_scaffold	546	[C/T]	NA
Ca_Desig_Chr_scaffold53048_549	Ca_desig_scaffold	549	[T/C]	NA
Ca_Desig_Chr_scaffold53048_552	Ca_desig_scaffold	552	[A/G]	NA
Ca_Desig_Chr_scaffold53048_562	Ca_desig_scaffold	562	[A/G]	NA
Ca_Desig_Chr_scaffold53048_565	Ca_desig_scaffold	565	[T/C]	NA
Ca_Desig_Chr_scaffold53048_566	Ca_desig_scaffold	566	[T/A]	NA
Ca_Desig_Chr_scaffold53048_582	Ca_desig_scaffold	582	[G/A]	NA
Ca_Desig_Chr_scaffold53048_586	Ca_desig_scaffold	586	[T/C]	NA
Ca_Desig_Chr_scaffold53441_473	Ca_desig_scaffold	473	[A/C]	NA
Ca_Desig_Chr_scaffold53674_530	Ca_desig_scaffold	530	[G/A]	NA
Ca_Desig_Chr_scaffold53674_535	Ca_desig_scaffold	535	[G/A]	NA
Ca_Desig_Chr_scaffold53674_554	Ca_desig_scaffold	554	[C/G]	NA
Ca_Desig_Chr_scaffold53674_561	Ca_desig_scaffold	561	[T/C]	NA
Ca_Desig_Chr_scaffold53689_83	Ca_desig_scaffold	83	[G/A]	NA
Ca_Desig_Chr_scaffold53689_84	Ca_desig_scaffold	84	[G/A]	NA
Ca_Desig_Chr_scaffold54001_353	Ca_desig_scaffold	353	[A/G]	NA
Ca_Desig_Chr_scaffold54021_213	Ca_desig_scaffold	213	[G/A]	NA
Ca_Desig_Chr_scaffold54730_72	Ca_desig_scaffold	72	[A/G]	NA
Ca_Desig_Chr_scaffold54733_548	Ca_desig_scaffold	548	[G/A]	NA
Ca_Desig_Chr_scaffold54733_562	Ca_desig_scaffold	562	[A/G]	NA
Ca_Desig_Chr_scaffold54733_564	Ca_desig_scaffold	564	[T/C]	NA
Ca_Desig_Chr_scaffold54733_583	Ca_desig_scaffold	583	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chromosome_scaffold54733_586	Ca_desi_scaffold	586	[T/G]	NA
Ca_Desi_Chromosome_scaffold54794_462	Ca_desi_scaffold	462	[G/C]	NA
Ca_Desi_Chromosome_scaffold54794_494	Ca_desi_scaffold	494	[C/A]	NA
Ca_Desi_Chromosome_scaffold54794_508	Ca_desi_scaffold	508	[T/C]	NA
Ca_Desi_Chromosome_scaffold54847_369	Ca_desi_scaffold	369	[G/T]	NA
Ca_Desi_Chromosome_scaffold54847_371	Ca_desi_scaffold	371	[A/G]	NA
Ca_Desi_Chromosome_scaffold54942_247	Ca_desi_scaffold	247	[T/A]	NA
Ca_Desi_Chromosome_scaffold55248_482	Ca_desi_scaffold	482	[A/C]	NA
Ca_Desi_Chromosome_scaffold55277_173	Ca_desi_scaffold	173	[A/C]	NA
Ca_Desi_Chromosome_scaffold55866_49	Ca_desi_scaffold	49	[T/G]	NA
Ca_Desi_Chromosome_scaffold56807_212	Ca_desi_scaffold	212	[C/T]	NA
Ca_Desi_Chromosome_scaffold56819_521	Ca_desi_scaffold	521	[G/A]	NA
Ca_Desi_Chromosome_scaffold56989_601	Ca_desi_scaffold	601	[C/G]	NA
Ca_Desi_Chromosome_scaffold57400_369	Ca_desi_scaffold	369	[C/T]	NA
Ca_Desi_Chromosome_scaffold57520_137	Ca_desi_scaffold	137	[T/C]	NA
Ca_Desi_Chromosome_scaffold57520_141	Ca_desi_scaffold	141	[A/G]	NA
Ca_Desi_Chromosome_scaffold57520_143	Ca_desi_scaffold	143	[T/C]	NA
Ca_Desi_Chromosome_scaffold57520_152	Ca_desi_scaffold	152	[T/C]	NA
Ca_Desi_Chromosome_scaffold57520_154	Ca_desi_scaffold	154	[T/C]	NA
Ca_Desi_Chromosome_scaffold57520_156	Ca_desi_scaffold	156	[T/C]	NA
Ca_Desi_Chromosome_scaffold57520_160	Ca_desi_scaffold	160	[T/C]	NA
Ca_Desi_Chromosome_scaffold57520_166	Ca_desi_scaffold	166	[T/C]	NA
Ca_Desi_Chromosome_scaffold57520_168	Ca_desi_scaffold	168	[T/C]	NA
Ca_Desi_Chromosome_scaffold57520_172	Ca_desi_scaffold	172	[T/C]	NA
Ca_Desi_Chromosome_scaffold57520_184	Ca_desi_scaffold	184	[A/G]	NA
Ca_Desi_Chromosome_scaffold57979_544	Ca_desi_scaffold	544	[A/G]	NA
Ca_Desi_Chromosome_scaffold57985_188	Ca_desi_scaffold	188	[A/T]	NA
Ca_Desi_Chromosome_scaffold58057_258	Ca_desi_scaffold	258	[T/C]	NA
Ca_Desi_Chromosome_scaffold58162_265	Ca_desi_scaffold	265	[T/A]	NA
Ca_Desi_Chromosome_scaffold58162_295	Ca_desi_scaffold	295	[G/A]	NA
Ca_Desi_Chromosome_scaffold58162_371	Ca_desi_scaffold	371	[C/T]	NA
Ca_Desi_Chromosome_scaffold58162_389	Ca_desi_scaffold	389	[C/A]	NA
Ca_Desi_Chromosome_scaffold58949_72	Ca_desi_scaffold	72	[A/T]	NA
Ca_Desi_Chromosome_scaffold59075_134	Ca_desi_scaffold	134	[T/C]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold59308_553	Ca_desig_scaffold	553	[T/C]	NA
Ca_Desig_Chr_scaffold59308_559	Ca_desig_scaffold	559	[T/C]	NA
Ca_Desig_Chr_scaffold59308_564	Ca_desig_scaffold	564	[A/G]	NA
Ca_Desig_Chr_scaffold59308_579	Ca_desig_scaffold	579	[T/A]	NA
Ca_Desig_Chr_scaffold59308_583	Ca_desig_scaffold	583	[T/G]	NA
Ca_Desig_Chr_scaffold59527_53	Ca_desig_scaffold	53	[G/T]	NA
Ca_Desig_Chr_scaffold59527_76	Ca_desig_scaffold	76	[C/G]	NA
Ca_Desig_Chr_scaffold59527_278	Ca_desig_scaffold	278	[C/T]	NA
Ca_Desig_Chr_scaffold59527_324	Ca_desig_scaffold	324	[T/A]	NA
Ca_Desig_Chr_scaffold60056_313	Ca_desig_scaffold	313	[G/A]	NA
Ca_Desig_Chr_scaffold60086_18	Ca_desig_scaffold	18	[C/T]	NA
Ca_Desig_Chr_scaffold60086_32	Ca_desig_scaffold	32	[T/G]	NA
Ca_Desig_Chr_scaffold60086_61	Ca_desig_scaffold	61	[A/G]	NA
Ca_Desig_Chr_scaffold60575_396	Ca_desig_scaffold	396	[C/T]	NA
Ca_Desig_Chr_scaffold60575_398	Ca_desig_scaffold	398	[T/G]	NA
Ca_Desig_Chr_scaffold60788_334	Ca_desig_scaffold	334	[C/A]	NA
Ca_Desig_Chr_scaffold60788_344	Ca_desig_scaffold	344	[T/C]	NA
Ca_Desig_Chr_scaffold60788_388	Ca_desig_scaffold	388	[A/G]	NA
Ca_Desig_Chr_scaffold60788_391	Ca_desig_scaffold	391	[G/T]	NA
Ca_Desig_Chr_scaffold60788_438	Ca_desig_scaffold	438	[C/G]	NA
Ca_Desig_Chr_scaffold60788_443	Ca_desig_scaffold	443	[T/C]	NA
Ca_Desig_Chr_scaffold60788_488	Ca_desig_scaffold	488	[A/T]	NA
Ca_Desig_Chr_scaffold60878_252	Ca_desig_scaffold	252	[C/T]	NA
Ca_Desig_Chr_scaffold61139_314	Ca_desig_scaffold	314	[A/T]	NA
Ca_Desig_Chr_scaffold61263_30	Ca_desig_scaffold	30	[C/T]	NA
Ca_Desig_Chr_scaffold61859_233	Ca_desig_scaffold	233	[G/A]	NA
Ca_Desig_Chr_scaffold61970_390	Ca_desig_scaffold	390	[C/T]	NA
Ca_Desig_Chr_scaffold62150_347	Ca_desig_scaffold	347	[T/G]	NA
Ca_Desig_Chr_scaffold62517_210	Ca_desig_scaffold	210	[A/T]	NA
Ca_Desig_Chr_scaffold63521_400	Ca_desig_scaffold	400	[A/G]	NA
Ca_Desig_Chr_scaffold63740_284	Ca_desig_scaffold	284	[A/G]	NA
Ca_Desig_Chr_scaffold63740_301	Ca_desig_scaffold	301	[T/C]	NA
Ca_Desig_Chr_scaffold63740_307	Ca_desig_scaffold	307	[A/T]	NA
Ca_Desig_Chr_scaffold63740_312	Ca_desig_scaffold	312	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_scaffold65104_321	Ca_desig_scaffold	321	[T/C]	NA
Ca_Desig_Chr_scaffold65124_252	Ca_desig_scaffold	252	[G/T]	NA
Ca_Desig_Chr_scaffold65563_230	Ca_desig_scaffold	230	[C/T]	NA
Ca_Desig_Chr_scaffold65563_235	Ca_desig_scaffold	235	[A/G]	NA
Ca_Desig_Chr_scaffold65758_116	Ca_desig_scaffold	116	[C/T]	NA
Ca_Desig_Chr_scaffold65758_126	Ca_desig_scaffold	126	[A/C]	NA
Ca_Desig_Chr_scaffold65758_137	Ca_desig_scaffold	137	[T/A]	NA
Ca_Desig_Chr_scaffold65758_148	Ca_desig_scaffold	148	[T/A]	NA
Ca_Desig_Chr_scaffold65758_161	Ca_desig_scaffold	161	[G/T]	NA
Ca_Desig_Chr_scaffold65827_204	Ca_desig_scaffold	204	[C/T]	NA
Ca_Desig_Chr_scaffold65827_224	Ca_desig_scaffold	224	[T/A]	NA
Ca_Desig_Chr_65620_51	Ca_desig_scaffold	51	[G/A]	NA
Ca_Desig_Chr_66416_269	Ca_desig_scaffold	269	[C/T]	NA
Ca_Desig_Chr_66416_289	Ca_desig_scaffold	289	[A/G]	NA
Ca_Desig_Chr_68413_206	Ca_desig_scaffold	206	[A/G]	NA
Ca_Desig_Chr_68413_209	Ca_desig_scaffold	209	[G/T]	NA
Ca_Desig_Chr_68730_212	Ca_desig_scaffold	212	[T/A]	NA
Ca_Desig_Chr_68730_225	Ca_desig_scaffold	225	[G/T]	NA
Ca_Desig_Chr_68730_229	Ca_desig_scaffold	229	[C/G]	NA
Ca_Desig_Chr_68730_247	Ca_desig_scaffold	247	[A/C]	NA
Ca_Desig_Chr_68730_255	Ca_desig_scaffold	255	[C/T]	NA
Ca_Desig_Chr_68730_256	Ca_desig_scaffold	256	[T/C]	NA
Ca_Desig_Chr_68764_235	Ca_desig_scaffold	235	[C/T]	NA
Ca_Desig_Chr_68949_361	Ca_desig_scaffold	361	[A/G]	NA
Ca_Desig_Chr_68949_427	Ca_desig_scaffold	427	[C/T]	NA
Ca_Desig_Chr_68949_428	Ca_desig_scaffold	428	[A/G]	NA
Ca_Desig_Chr_68949_429	Ca_desig_scaffold	429	[T/C]	NA
Ca_Desig_Chr_68949_430	Ca_desig_scaffold	430	[C/A]	NA
Ca_Desig_Chr_68949_431	Ca_desig_scaffold	431	[T/C]	NA
Ca_Desig_Chr_68949_432	Ca_desig_scaffold	432	[C/T]	NA
Ca_Desig_Chr_68949_433	Ca_desig_scaffold	433	[T/C]	NA
Ca_Desig_Chr_68949_434	Ca_desig_scaffold	434	[T/C]	NA
Ca_Desig_Chr_68949_435	Ca_desig_scaffold	435	[T/C]	NA
Ca_Desig_Chr_68949_436	Ca_desig_scaffold	436	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_68949_437	Ca_desi_scaffold	437	[T/C]	NA
Ca_Desi_Chrom_68949_438	Ca_desi_scaffold	438	[C/T]	NA
Ca_Desi_Chrom_68949_439	Ca_desi_scaffold	439	[T/C]	NA
Ca_Desi_Chrom_68949_440	Ca_desi_scaffold	440	[T/C]	NA
Ca_Desi_Chrom_68949_441	Ca_desi_scaffold	441	[G/A]	NA
Ca_Desi_Chrom_68949_442	Ca_desi_scaffold	442	[G/A]	NA
Ca_Desi_Chrom_68949_443	Ca_desi_scaffold	443	[T/C]	NA
Ca_Desi_Chrom_68949_444	Ca_desi_scaffold	444	[C/T]	NA
Ca_Desi_Chrom_68949_445	Ca_desi_scaffold	445	[A/G]	NA
Ca_Desi_Chrom_68949_446	Ca_desi_scaffold	446	[A/G]	NA
Ca_Desi_Chrom_68949_447	Ca_desi_scaffold	447	[A/G]	NA
Ca_Desi_Chrom_68949_448	Ca_desi_scaffold	448	[A/G]	NA
Ca_Desi_Chrom_68949_449	Ca_desi_scaffold	449	[G/A]	NA
Ca_Desi_Chrom_68949_450	Ca_desi_scaffold	450	[G/A]	NA
Ca_Desi_Chrom_68949_451	Ca_desi_scaffold	451	[C/A]	NA
Ca_Desi_Chrom_68949_452	Ca_desi_scaffold	452	[A/G]	NA
Ca_Desi_Chrom_68949_453	Ca_desi_scaffold	453	[T/C]	NA
Ca_Desi_Chrom_68949_454	Ca_desi_scaffold	454	[T/C]	NA
Ca_Desi_Chrom_68949_455	Ca_desi_scaffold	455	[T/C]	NA
Ca_Desi_Chrom_68949_456	Ca_desi_scaffold	456	[C/T]	NA
Ca_Desi_Chrom_68949_457	Ca_desi_scaffold	457	[C/T]	NA
Ca_Desi_Chrom_68949_458	Ca_desi_scaffold	458	[G/A]	NA
Ca_Desi_Chrom_68949_460	Ca_desi_scaffold	460	[T/C]	NA
Ca_Desi_Chrom_68949_461	Ca_desi_scaffold	461	[C/T]	NA
Ca_Desi_Chrom_68949_463	Ca_desi_scaffold	463	[T/C]	NA
Ca_Desi_Chrom_68949_464	Ca_desi_scaffold	464	[A/G]	NA
Ca_Desi_Chrom_68949_465	Ca_desi_scaffold	465	[A/G]	NA
Ca_Desi_Chrom_68949_466	Ca_desi_scaffold	466	[A/G]	NA
Ca_Desi_Chrom_68949_468	Ca_desi_scaffold	468	[G/A]	NA
Ca_Desi_Chrom_68949_469	Ca_desi_scaffold	469	[A/G]	NA
Ca_Desi_Chrom_68949_470	Ca_desi_scaffold	470	[A/G]	NA
Ca_Desi_Chrom_68949_471	Ca_desi_scaffold	471	[A/G]	NA
Ca_Desi_Chrom_68949_472	Ca_desi_scaffold	472	[C/A]	NA
Ca_Desi_Chrom_68949_473	Ca_desi_scaffold	473	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_68949_474	Ca_desi_scaffold	474	[C/T]	NA
Ca_Desi_Chrom_68949_475	Ca_desi_scaffold	475	[T/C]	NA
Ca_Desi_Chrom_68949_476	Ca_desi_scaffold	476	[C/T]	NA
Ca_Desi_Chrom_68949_477	Ca_desi_scaffold	477	[T/C]	NA
Ca_Desi_Chrom_68949_478	Ca_desi_scaffold	478	[T/C]	NA
Ca_Desi_Chrom_68949_479	Ca_desi_scaffold	479	[G/A]	NA
Ca_Desi_Chrom_68949_480	Ca_desi_scaffold	480	[C/T]	NA
Ca_Desi_Chrom_68949_481	Ca_desi_scaffold	481	[T/C]	NA
Ca_Desi_Chrom_68949_482	Ca_desi_scaffold	482	[C/T]	NA
Ca_Desi_Chrom_68949_483	Ca_desi_scaffold	483	[G/A]	NA
Ca_Desi_Chrom_68949_484	Ca_desi_scaffold	484	[C/T]	NA
Ca_Desi_Chrom_68949_485	Ca_desi_scaffold	485	[C/T]	NA
Ca_Desi_Chrom_69045_35	Ca_desi_scaffold	35	[T/C]	NA
Ca_Desi_Chrom_69045_36	Ca_desi_scaffold	36	[T/C]	NA
Ca_Desi_Chrom_69045_37	Ca_desi_scaffold	37	[C/T]	NA
Ca_Desi_Chrom_69045_38	Ca_desi_scaffold	38	[C/T]	NA
Ca_Desi_Chrom_69045_39	Ca_desi_scaffold	39	[T/C]	NA
Ca_Desi_Chrom_69045_40	Ca_desi_scaffold	40	[A/G]	NA
Ca_Desi_Chrom_69045_41	Ca_desi_scaffold	41	[A/G]	NA
Ca_Desi_Chrom_69045_42	Ca_desi_scaffold	42	[T/C]	NA
Ca_Desi_Chrom_69045_43	Ca_desi_scaffold	43	[C/T]	NA
Ca_Desi_Chrom_69045_44	Ca_desi_scaffold	44	[A/G]	NA
Ca_Desi_Chrom_69045_45	Ca_desi_scaffold	45	[C/T]	NA
Ca_Desi_Chrom_69045_46	Ca_desi_scaffold	46	[G/A]	NA
Ca_Desi_Chrom_69045_47	Ca_desi_scaffold	47	[A/G]	NA
Ca_Desi_Chrom_69045_48	Ca_desi_scaffold	48	[A/G]	NA
Ca_Desi_Chrom_69045_49	Ca_desi_scaffold	49	[G/A]	NA
Ca_Desi_Chrom_69045_50	Ca_desi_scaffold	50	[C/T]	NA
Ca_Desi_Chrom_69045_51	Ca_desi_scaffold	51	[T/C]	NA
Ca_Desi_Chrom_69045_52	Ca_desi_scaffold	52	[A/G]	NA
Ca_Desi_Chrom_69045_53	Ca_desi_scaffold	53	[A/G]	NA
Ca_Desi_Chrom_69045_55	Ca_desi_scaffold	55	[G/A]	NA
Ca_Desi_Chrom_69045_56	Ca_desi_scaffold	56	[C/T]	NA
Ca_Desi_Chrom_69045_57	Ca_desi_scaffold	57	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_69045_58	Ca_desig_scaffold	58	[T/C]	NA
Ca_Desig_Chr_69045_59	Ca_desig_scaffold	59	[C/T]	NA
Ca_Desig_Chr_69045_60	Ca_desig_scaffold	60	[A/G]	NA
Ca_Desig_Chr_69045_61	Ca_desig_scaffold	61	[G/A]	NA
Ca_Desig_Chr_69045_62	Ca_desig_scaffold	62	[G/A]	NA
Ca_Desig_Chr_69045_63	Ca_desig_scaffold	63	[A/G]	NA
Ca_Desig_Chr_69045_64	Ca_desig_scaffold	64	[A/G]	NA
Ca_Desig_Chr_69045_65	Ca_desig_scaffold	65	[G/A]	NA
Ca_Desig_Chr_69045_66	Ca_desig_scaffold	66	[A/G]	NA
Ca_Desig_Chr_69045_67	Ca_desig_scaffold	67	[G/A]	NA
Ca_Desig_Chr_69045_68	Ca_desig_scaffold	68	[G/A]	NA
Ca_Desig_Chr_69045_69	Ca_desig_scaffold	69	[G/A]	NA
Ca_Desig_Chr_69045_70	Ca_desig_scaffold	70	[G/A]	NA
Ca_Desig_Chr_69045_71	Ca_desig_scaffold	71	[C/T]	NA
Ca_Desig_Chr_69045_73	Ca_desig_scaffold	73	[T/C]	NA
Ca_Desig_Chr_69045_74	Ca_desig_scaffold	74	[A/G]	NA
Ca_Desig_Chr_69045_76	Ca_desig_scaffold	76	[C/T]	NA
Ca_Desig_Chr_69045_77	Ca_desig_scaffold	77	[G/A]	NA
Ca_Desig_Chr_69045_78	Ca_desig_scaffold	78	[A/G]	NA
Ca_Desig_Chr_69045_79	Ca_desig_scaffold	79	[A/G]	NA
Ca_Desig_Chr_69045_80	Ca_desig_scaffold	80	[A/G]	NA
Ca_Desig_Chr_69045_82	Ca_desig_scaffold	82	[A/G]	NA
Ca_Desig_Chr_69045_83	Ca_desig_scaffold	83	[A/G]	NA
Ca_Desig_Chr_69045_84	Ca_desig_scaffold	84	[A/G]	NA
Ca_Desig_Chr_69045_85	Ca_desig_scaffold	85	[T/C]	NA
Ca_Desig_Chr_69045_86	Ca_desig_scaffold	86	[C/T]	NA
Ca_Desig_Chr_69045_87	Ca_desig_scaffold	87	[C/T]	NA
Ca_Desig_Chr_69045_88	Ca_desig_scaffold	88	[T/C]	NA
Ca_Desig_Chr_69045_89	Ca_desig_scaffold	89	[T/C]	NA
Ca_Desig_Chr_69045_90	Ca_desig_scaffold	90	[T/C]	NA
Ca_Desig_Chr_69045_91	Ca_desig_scaffold	91	[A/G]	NA
Ca_Desig_Chr_69045_93	Ca_desig_scaffold	93	[C/T]	NA
Ca_Desig_Chr_69045_94	Ca_desig_scaffold	94	[A/G]	NA
Ca_Desig_Chr_69045_97	Ca_desig_scaffold	97	[A/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Ch_69045_137	Ca_desi_scaffold	137	[T/G]	NA
Ca_Desi_Ch_69045_146	Ca_desi_scaffold	146	[A/G]	NA
Ca_Desi_Ch_69045_152	Ca_desi_scaffold	152	[G/T]	NA
Ca_Desi_Ch_69247_380	Ca_desi_scaffold	380	[G/C]	NA
Ca_Desi_Ch_69247_392	Ca_desi_scaffold	392	[A/C]	NA
Ca_Desi_Ch_69247_453	Ca_desi_scaffold	453	[G/T]	NA
Ca_Desi_Ch_69247_519	Ca_desi_scaffold	519	[C/A]	NA
Ca_Desi_Ch_69309_221	Ca_desi_scaffold	221	[T/A]	NA
Ca_Desi_Ch_69423_145	Ca_desi_scaffold	145	[C/A]	NA
Ca_Desi_Ch_70557_307	Ca_desi_scaffold	307	[C/T]	NA
Ca_Desi_Ch_71000_323	Ca_desi_scaffold	323	[C/T]	NA
Ca_Desi_Ch_71598_97	Ca_desi_scaffold	97	[T/A]	NA
Ca_Desi_Ch_71598_288	Ca_desi_scaffold	288	[C/T]	NA
Ca_Desi_Ch_72256_126	Ca_desi_scaffold	126	[G/T]	NA
Ca_Desi_Ch_72662_310	Ca_desi_scaffold	310	[G/A]	NA
Ca_Desi_Ch_72662_312	Ca_desi_scaffold	312	[A/G]	NA
Ca_Desi_Ch_72662_315	Ca_desi_scaffold	315	[T/C]	NA
Ca_Desi_Ch_72662_317	Ca_desi_scaffold	317	[T/C]	NA
Ca_Desi_Ch_72662_318	Ca_desi_scaffold	318	[T/C]	NA
Ca_Desi_Ch_72662_320	Ca_desi_scaffold	320	[T/C]	NA
Ca_Desi_Ch_72662_322	Ca_desi_scaffold	322	[T/C]	NA
Ca_Desi_Ch_72662_324	Ca_desi_scaffold	324	[A/G]	NA
Ca_Desi_Ch_72662_330	Ca_desi_scaffold	330	[T/C]	NA
Ca_Desi_Ch_72662_331	Ca_desi_scaffold	331	[G/A]	NA
Ca_Desi_Ch_72662_332	Ca_desi_scaffold	332	[G/A]	NA
Ca_Desi_Ch_72662_333	Ca_desi_scaffold	333	[A/G]	NA
Ca_Desi_Ch_72662_334	Ca_desi_scaffold	334	[T/C]	NA
Ca_Desi_Ch_72662_335	Ca_desi_scaffold	335	[C/A]	NA
Ca_Desi_Ch_72662_339	Ca_desi_scaffold	339	[T/A]	NA
Ca_Desi_Ch_72662_342	Ca_desi_scaffold	342	[T/A]	NA
Ca_Desi_Ch_72662_349	Ca_desi_scaffold	349	[T/C]	NA
Ca_Desi_Ch_72662_352	Ca_desi_scaffold	352	[T/C]	NA
Ca_Desi_Ch_72662_353	Ca_desi_scaffold	353	[T/C]	NA
Ca_Desi_Ch_72662_356	Ca_desi_scaffold	356	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_72662_360	Ca_desi_scaffold	360	[T/G]	NA
Ca_Desi_Chrom_72662_361	Ca_desi_scaffold	361	[G/A]	NA
Ca_Desi_Chrom_72662_363	Ca_desi_scaffold	363	[T/C]	NA
Ca_Desi_Chrom_72662_364	Ca_desi_scaffold	364	[C/T]	NA
Ca_Desi_Chrom_72662_365	Ca_desi_scaffold	365	[T/C]	NA
Ca_Desi_Chrom_72662_366	Ca_desi_scaffold	366	[A/G]	NA
Ca_Desi_Chrom_72662_369	Ca_desi_scaffold	369	[A/G]	NA
Ca_Desi_Chrom_72662_416	Ca_desi_scaffold	416	[T/C]	NA
Ca_Desi_Chrom_72662_435	Ca_desi_scaffold	435	[T/C]	NA
Ca_Desi_Chrom_72662_437	Ca_desi_scaffold	437	[T/C]	NA
Ca_Desi_Chrom_75064_140	Ca_desi_scaffold	140	[A/C]	NA
Ca_Desi_Chrom_75064_141	Ca_desi_scaffold	141	[C/A]	NA
Ca_Desi_Chrom_75207_374	Ca_desi_scaffold	374	[T/C]	NA
Ca_Desi_Chrom_75207_386	Ca_desi_scaffold	386	[T/G]	NA
Ca_Desi_Chrom_75207_388	Ca_desi_scaffold	388	[T/C]	NA
Ca_Desi_Chrom_75207_390	Ca_desi_scaffold	390	[A/G]	NA
Ca_Desi_Chrom_75207_401	Ca_desi_scaffold	401	[T/C]	NA
Ca_Desi_Chrom_75207_413	Ca_desi_scaffold	413	[T/C]	NA
Ca_Desi_Chrom_75207_416	Ca_desi_scaffold	416	[T/G]	NA
Ca_Desi_Chrom_75223_255	Ca_desi_scaffold	255	[T/C]	NA
Ca_Desi_Chrom_75363_316	Ca_desi_scaffold	316	[C/T]	NA
Ca_Desi_Chrom_75509_95	Ca_desi_scaffold	95	[G/T]	NA
Ca_Desi_Chrom_75509_100	Ca_desi_scaffold	100	[G/A]	NA
Ca_Desi_Chrom_75589_269	Ca_desi_scaffold	269	[T/C]	NA
Ca_Desi_Chrom_75589_274	Ca_desi_scaffold	274	[T/C]	NA
Ca_Desi_Chrom_75589_282	Ca_desi_scaffold	282	[T/G]	NA
Ca_Desi_Chrom_76834_173	Ca_desi_scaffold	173	[T/A]	NA
Ca_Desi_Chrom_76887_91	Ca_desi_scaffold	91	[G/T]	NA
Ca_Desi_Chrom_77314_150	Ca_desi_scaffold	150	[C/T]	NA
Ca_Desi_Chrom_77332_53	Ca_desi_scaffold	53	[A/G]	NA
Ca_Desi_Chrom_77332_171	Ca_desi_scaffold	171	[T/C]	NA
Ca_Desi_Chrom_77443_196	Ca_desi_scaffold	196	[G/A]	NA
Ca_Desi_Chrom_77476_181	Ca_desi_scaffold	181	[C/G]	NA
Ca_Desi_Chrom_77759_393	Ca_desi_scaffold	393	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_77759_396	Ca_desi_scaffold	396	[T/C]	NA
Ca_Desi_Chrom_77821_109	Ca_desi_scaffold	109	[A/C]	NA
Ca_Desi_Chrom_77821_182	Ca_desi_scaffold	182	[T/G]	NA
Ca_Desi_Chrom_77821_209	Ca_desi_scaffold	209	[C/T]	NA
Ca_Desi_Chrom_77868_318	Ca_desi_scaffold	318	[G/A]	NA
Ca_Desi_Chrom_77868_333	Ca_desi_scaffold	333	[A/G]	NA
Ca_Desi_Chrom_77868_346	Ca_desi_scaffold	346	[G/A]	NA
Ca_Desi_Chrom_77902_101	Ca_desi_scaffold	101	[A/C]	NA
Ca_Desi_Chrom_77902_105	Ca_desi_scaffold	105	[G/A]	NA
Ca_Desi_Chrom_77902_106	Ca_desi_scaffold	106	[G/A]	NA
Ca_Desi_Chrom_77902_107	Ca_desi_scaffold	107	[G/T]	NA
Ca_Desi_Chrom_77902_116	Ca_desi_scaffold	116	[C/T]	NA
Ca_Desi_Chrom_77902_123	Ca_desi_scaffold	123	[C/T]	NA
Ca_Desi_Chrom_77902_131	Ca_desi_scaffold	131	[T/C]	NA
Ca_Desi_Chrom_77902_136	Ca_desi_scaffold	136	[C/A]	NA
Ca_Desi_Chrom_77902_147	Ca_desi_scaffold	147	[G/A]	NA
Ca_Desi_Chrom_77902_150	Ca_desi_scaffold	150	[G/A]	NA
Ca_Desi_Chrom_78193_184	Ca_desi_scaffold	184	[T/C]	NA
Ca_Desi_Chrom_78193_203	Ca_desi_scaffold	203	[T/A]	NA
Ca_Desi_Chrom_78735_367	Ca_desi_scaffold	367	[T/C]	NA
Ca_Desi_Chrom_78735_373	Ca_desi_scaffold	373	[G/A]	NA
Ca_Desi_Chrom_79856_95	Ca_desi_scaffold	95	[G/A]	NA
Ca_Desi_Chrom_80701_373	Ca_desi_scaffold	373	[G/A]	NA
Ca_Desi_Chrom_81733_148	Ca_desi_scaffold	148	[A/G]	NA
Ca_Desi_Chrom_83533_166	Ca_desi_scaffold	166	[C/G]	NA
Ca_Desi_Chrom_84251_346	Ca_desi_scaffold	346	[C/A]	NA
Ca_Desi_Chrom_84899_399	Ca_desi_scaffold	399	[A/G]	NA
Ca_Desi_Chrom_85037_287	Ca_desi_scaffold	287	[A/G]	NA
Ca_Desi_Chrom_85037_320	Ca_desi_scaffold	320	[G/A]	NA
Ca_Desi_Chrom_85298_46	Ca_desi_scaffold	46	[A/G]	NA
Ca_Desi_Chrom_85870_50	Ca_desi_scaffold	50	[C/A]	NA
Ca_Desi_Chrom_86083_164	Ca_desi_scaffold	164	[C/T]	NA
Ca_Desi_Chrom_86083_165	Ca_desi_scaffold	165	[A/C]	NA
Ca_Desi_Chrom_86083_166	Ca_desi_scaffold	166	[T/G]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_86083_167	Ca_desig_scaffold	167	[C/T]	NA
Ca_Desig_Chr_86083_170	Ca_desig_scaffold	170	[G/T]	NA
Ca_Desig_Chr_86083_173	Ca_desig_scaffold	173	[C/T]	NA
Ca_Desig_Chr_86083_174	Ca_desig_scaffold	174	[G/C]	NA
Ca_Desig_Chr_86083_176	Ca_desig_scaffold	176	[A/G]	NA
Ca_Desig_Chr_86083_177	Ca_desig_scaffold	177	[A/C]	NA
Ca_Desig_Chr_86083_179	Ca_desig_scaffold	179	[G/C]	NA
Ca_Desig_Chr_86083_183	Ca_desig_scaffold	183	[T/C]	NA
Ca_Desig_Chr_86083_184	Ca_desig_scaffold	184	[C/T]	NA
Ca_Desig_Chr_86083_186	Ca_desig_scaffold	186	[A/G]	NA
Ca_Desig_Chr_86083_189	Ca_desig_scaffold	189	[T/C]	NA
Ca_Desig_Chr_86083_192	Ca_desig_scaffold	192	[T/C]	NA
Ca_Desig_Chr_86083_194	Ca_desig_scaffold	194	[T/C]	NA
Ca_Desig_Chr_86083_198	Ca_desig_scaffold	198	[A/G]	NA
Ca_Desig_Chr_86083_200	Ca_desig_scaffold	200	[T/C]	NA
Ca_Desig_Chr_86083_205	Ca_desig_scaffold	205	[A/G]	NA
Ca_Desig_Chr_86083_210	Ca_desig_scaffold	210	[T/G]	NA
Ca_Desig_Chr_86083_214	Ca_desig_scaffold	214	[A/G]	NA
Ca_Desig_Chr_86083_216	Ca_desig_scaffold	216	[G/A]	NA
Ca_Desig_Chr_86083_218	Ca_desig_scaffold	218	[T/C]	NA
Ca_Desig_Chr_86145_68	Ca_desig_scaffold	68	[G/C]	NA
Ca_Desig_Chr_86145_69	Ca_desig_scaffold	69	[T/C]	NA
Ca_Desig_Chr_86145_70	Ca_desig_scaffold	70	[T/C]	NA
Ca_Desig_Chr_86145_71	Ca_desig_scaffold	71	[G/A]	NA
Ca_Desig_Chr_86145_73	Ca_desig_scaffold	73	[T/C]	NA
Ca_Desig_Chr_86145_75	Ca_desig_scaffold	75	[T/C]	NA
Ca_Desig_Chr_86145_79	Ca_desig_scaffold	79	[T/C]	NA
Ca_Desig_Chr_86145_81	Ca_desig_scaffold	81	[A/G]	NA
Ca_Desig_Chr_86145_83	Ca_desig_scaffold	83	[T/C]	NA
Ca_Desig_Chr_86145_84	Ca_desig_scaffold	84	[T/C]	NA
Ca_Desig_Chr_86145_88	Ca_desig_scaffold	88	[C/T]	NA
Ca_Desig_Chr_86145_90	Ca_desig_scaffold	90	[T/C]	NA
Ca_Desig_Chr_86145_91	Ca_desig_scaffold	91	[T/C]	NA
Ca_Desig_Chr_86145_93	Ca_desig_scaffold	93	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desig_Chr_86145_96	Ca_desig_scaffold	96	[T/C]	NA
Ca_Desig_Chr_86145_97	Ca_desig_scaffold	97	[T/C]	NA
Ca_Desig_Chr_86145_99	Ca_desig_scaffold	99	[T/C]	NA
Ca_Desig_Chr_86145_101	Ca_desig_scaffold	101	[T/C]	NA
Ca_Desig_Chr_86145_103	Ca_desig_scaffold	103	[C/T]	NA
Ca_Desig_Chr_86145_107	Ca_desig_scaffold	107	[T/C]	NA
Ca_Desig_Chr_86145_108	Ca_desig_scaffold	108	[T/C]	NA
Ca_Desig_Chr_86145_110	Ca_desig_scaffold	110	[T/C]	NA
Ca_Desig_Chr_86145_117	Ca_desig_scaffold	117	[T/C]	NA
Ca_Desig_Chr_86145_118	Ca_desig_scaffold	118	[T/C]	NA
Ca_Desig_Chr_86145_120	Ca_desig_scaffold	120	[T/C]	NA
Ca_Desig_Chr_86145_121	Ca_desig_scaffold	121	[T/C]	NA
Ca_Desig_Chr_86145_124	Ca_desig_scaffold	124	[T/C]	NA
Ca_Desig_Chr_86145_127	Ca_desig_scaffold	127	[A/G]	NA
Ca_Desig_Chr_86769_190	Ca_desig_scaffold	190	[C/A]	NA
Ca_Desig_Chr_86783_143	Ca_desig_scaffold	143	[T/A]	NA
Ca_Desig_Chr_86783_146	Ca_desig_scaffold	146	[C/T]	NA
Ca_Desig_Chr_86783_147	Ca_desig_scaffold	147	[T/C]	NA
Ca_Desig_Chr_86825_167	Ca_desig_scaffold	167	[T/C]	NA
Ca_Desig_Chr_87881_77	Ca_desig_scaffold	77	[A/C]	NA
Ca_Desig_Chr_87881_110	Ca_desig_scaffold	110	[C/A]	NA
Ca_Desig_Chr_88244_69	Ca_desig_scaffold	69	[C/G]	NA
Ca_Desig_Chr_88244_97	Ca_desig_scaffold	97	[A/C]	NA
Ca_Desig_Chr_88244_105	Ca_desig_scaffold	105	[G/A]	NA
Ca_Desig_Chr_88244_114	Ca_desig_scaffold	114	[G/C]	NA
Ca_Desig_Chr_88244_118	Ca_desig_scaffold	118	[T/C]	NA
Ca_Desig_Chr_88244_144	Ca_desig_scaffold	144	[A/G]	NA
Ca_Desig_Chr_88588_249	Ca_desig_scaffold	249	[A/G]	NA
Ca_Desig_Chr_89153_224	Ca_desig_scaffold	224	[A/C]	NA
Ca_Desig_Chr_89666_317	Ca_desig_scaffold	317	[T/C]	NA
Ca_Desig_Chr_89666_318	Ca_desig_scaffold	318	[A/G]	NA
Ca_Desig_Chr_89666_320	Ca_desig_scaffold	320	[A/G]	NA
Ca_Desig_Chr_89666_321	Ca_desig_scaffold	321	[T/C]	NA
Ca_Desig_Chr_89666_324	Ca_desig_scaffold	324	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_89666_326	Ca_desi_scaffold	326	[C/T]	NA
Ca_Desi_Chrom_89666_327	Ca_desi_scaffold	327	[G/A]	NA
Ca_Desi_Chrom_89666_329	Ca_desi_scaffold	329	[A/G]	NA
Ca_Desi_Chrom_89666_330	Ca_desi_scaffold	330	[A/G]	NA
Ca_Desi_Chrom_89666_331	Ca_desi_scaffold	331	[T/C]	NA
Ca_Desi_Chrom_89666_333	Ca_desi_scaffold	333	[A/G]	NA
Ca_Desi_Chrom_89666_335	Ca_desi_scaffold	335	[T/C]	NA
Ca_Desi_Chrom_89666_336	Ca_desi_scaffold	336	[C/T]	NA
Ca_Desi_Chrom_89666_337	Ca_desi_scaffold	337	[A/G]	NA
Ca_Desi_Chrom_89666_338	Ca_desi_scaffold	338	[C/T]	NA
Ca_Desi_Chrom_89666_339	Ca_desi_scaffold	339	[T/C]	NA
Ca_Desi_Chrom_89666_340	Ca_desi_scaffold	340	[T/C]	NA
Ca_Desi_Chrom_89666_341	Ca_desi_scaffold	341	[C/T]	NA
Ca_Desi_Chrom_89666_342	Ca_desi_scaffold	342	[A/G]	NA
Ca_Desi_Chrom_89666_343	Ca_desi_scaffold	343	[A/G]	NA
Ca_Desi_Chrom_89666_345	Ca_desi_scaffold	345	[A/G]	NA
Ca_Desi_Chrom_89666_346	Ca_desi_scaffold	346	[A/G]	NA
Ca_Desi_Chrom_89666_347	Ca_desi_scaffold	347	[T/C]	NA
Ca_Desi_Chrom_89666_349	Ca_desi_scaffold	349	[T/C]	NA
Ca_Desi_Chrom_89666_350	Ca_desi_scaffold	350	[T/C]	NA
Ca_Desi_Chrom_89666_351	Ca_desi_scaffold	351	[C/T]	NA
Ca_Desi_Chrom_89666_352	Ca_desi_scaffold	352	[G/A]	NA
Ca_Desi_Chrom_89666_353	Ca_desi_scaffold	353	[A/G]	NA
Ca_Desi_Chrom_89666_354	Ca_desi_scaffold	354	[T/C]	NA
Ca_Desi_Chrom_89666_357	Ca_desi_scaffold	357	[T/C]	NA
Ca_Desi_Chrom_89666_358	Ca_desi_scaffold	358	[T/C]	NA
Ca_Desi_Chrom_89666_359	Ca_desi_scaffold	359	[C/T]	NA
Ca_Desi_Chrom_89666_360	Ca_desi_scaffold	360	[T/C]	NA
Ca_Desi_Chrom_89666_361	Ca_desi_scaffold	361	[A/T]	NA
Ca_Desi_Chrom_89666_362	Ca_desi_scaffold	362	[T/C]	NA
Ca_Desi_Chrom_89666_363	Ca_desi_scaffold	363	[G/A]	NA
Ca_Desi_Chrom_89666_364	Ca_desi_scaffold	364	[A/G]	NA
Ca_Desi_Chrom_89666_366	Ca_desi_scaffold	366	[T/C]	NA
Ca_Desi_Chrom_89666_367	Ca_desi_scaffold	367	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_89666_368	Ca_desi_scaffold	368	[T/C]	NA
Ca_Desi_Chrom_89666_371	Ca_desi_scaffold	371	[A/G]	NA
Ca_Desi_Chrom_89666_372	Ca_desi_scaffold	372	[A/G]	NA
Ca_Desi_Chrom_89666_373	Ca_desi_scaffold	373	[A/G]	NA
Ca_Desi_Chrom_89666_374	Ca_desi_scaffold	374	[A/G]	NA
Ca_Desi_Chrom_89666_375	Ca_desi_scaffold	375	[T/C]	NA
Ca_Desi_Chrom_90330_40	Ca_desi_scaffold	40	[C/T]	NA
Ca_Desi_Chrom_90330_43	Ca_desi_scaffold	43	[A/T]	NA
Ca_Desi_Chrom_90903_108	Ca_desi_scaffold	108	[C/T]	NA
Ca_Desi_Chrom_90965_227	Ca_desi_scaffold	227	[T/G]	NA
Ca_Desi_Chrom_90965_233	Ca_desi_scaffold	233	[A/G]	NA
Ca_Desi_Chrom_90974_256	Ca_desi_scaffold	256	[A/G]	NA
Ca_Desi_Chrom_90974_264	Ca_desi_scaffold	264	[G/T]	NA
Ca_Desi_Chrom_90974_284	Ca_desi_scaffold	284	[A/G]	NA
Ca_Desi_Chrom_91115_178	Ca_desi_scaffold	178	[A/C]	NA
Ca_Desi_Chrom_91115_183	Ca_desi_scaffold	183	[T/A]	NA
Ca_Desi_Chrom_91657_149	Ca_desi_scaffold	149	[G/A]	NA
Ca_Desi_Chrom_92320_140	Ca_desi_scaffold	140	[A/C]	NA
Ca_Desi_Chrom_92425_364	Ca_desi_scaffold	364	[A/C]	NA
Ca_Desi_Chrom_92665_96	Ca_desi_scaffold	96	[T/C]	NA
Ca_Desi_Chrom_92665_204	Ca_desi_scaffold	204	[G/C]	NA
Ca_Desi_Chrom_92764_127	Ca_desi_scaffold	127	[G/A]	NA
Ca_Desi_Chrom_92764_135	Ca_desi_scaffold	135	[C/T]	NA
Ca_Desi_Chrom_92764_170	Ca_desi_scaffold	170	[C/T]	NA
Ca_Desi_Chrom_93336_150	Ca_desi_scaffold	150	[A/G]	NA
Ca_Desi_Chrom_93478_165	Ca_desi_scaffold	165	[G/A]	NA
Ca_Desi_Chrom_93480_168	Ca_desi_scaffold	168	[A/G]	NA
Ca_Desi_Chrom_94571_35	Ca_desi_scaffold	35	[T/A]	NA
Ca_Desi_Chrom_94571_38	Ca_desi_scaffold	38	[A/G]	NA
Ca_Desi_Chrom_94571_39	Ca_desi_scaffold	39	[T/C]	NA
Ca_Desi_Chrom_94571_40	Ca_desi_scaffold	40	[C/A]	NA
Ca_Desi_Chrom_94571_41	Ca_desi_scaffold	41	[A/G]	NA
Ca_Desi_Chrom_94571_43	Ca_desi_scaffold	43	[A/G]	NA
Ca_Desi_Chrom_94571_44	Ca_desi_scaffold	44	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrr_94571_45	Ca_desi_scaffold	45	[A/G]	NA
Ca_Desi_Chrr_94571_48	Ca_desi_scaffold	48	[A/G]	NA
Ca_Desi_Chrr_94571_49	Ca_desi_scaffold	49	[A/G]	NA
Ca_Desi_Chrr_94571_50	Ca_desi_scaffold	50	[A/G]	NA
Ca_Desi_Chrr_94571_51	Ca_desi_scaffold	51	[T/C]	NA
Ca_Desi_Chrr_94571_53	Ca_desi_scaffold	53	[G/A]	NA
Ca_Desi_Chrr_94571_54	Ca_desi_scaffold	54	[C/A]	NA
Ca_Desi_Chrr_94571_55	Ca_desi_scaffold	55	[A/G]	NA
Ca_Desi_Chrr_94571_56	Ca_desi_scaffold	56	[A/G]	NA
Ca_Desi_Chrr_94571_59	Ca_desi_scaffold	59	[T/C]	NA
Ca_Desi_Chrr_94571_60	Ca_desi_scaffold	60	[T/C]	NA
Ca_Desi_Chrr_94571_61	Ca_desi_scaffold	61	[C/T]	NA
Ca_Desi_Chrr_94571_63	Ca_desi_scaffold	63	[G/A]	NA
Ca_Desi_Chrr_94571_64	Ca_desi_scaffold	64	[A/G]	NA
Ca_Desi_Chrr_94571_67	Ca_desi_scaffold	67	[A/G]	NA
Ca_Desi_Chrr_94571_69	Ca_desi_scaffold	69	[A/G]	NA
Ca_Desi_Chrr_94571_70	Ca_desi_scaffold	70	[A/G]	NA
Ca_Desi_Chrr_94571_71	Ca_desi_scaffold	71	[A/G]	NA
Ca_Desi_Chrr_94571_73	Ca_desi_scaffold	73	[G/A]	NA
Ca_Desi_Chrr_94571_74	Ca_desi_scaffold	74	[A/G]	NA
Ca_Desi_Chrr_94571_77	Ca_desi_scaffold	77	[A/T]	NA
Ca_Desi_Chrr_94917_242	Ca_desi_scaffold	242	[G/A]	NA
Ca_Desi_Chrr_94917_248	Ca_desi_scaffold	248	[A/C]	NA
Ca_Desi_Chrr_94917_253	Ca_desi_scaffold	253	[C/T]	NA
Ca_Desi_Chrr_94917_273	Ca_desi_scaffold	273	[A/G]	NA
Ca_Desi_Chrr_95081_286	Ca_desi_scaffold	286	[T/A]	NA
Ca_Desi_Chrr_95081_287	Ca_desi_scaffold	287	[T/G]	NA
Ca_Desi_Chrr_95081_297	Ca_desi_scaffold	297	[G/A]	NA
Ca_Desi_Chrr_95403_269	Ca_desi_scaffold	269	[T/A]	NA
Ca_Desi_Chrr_95403_270	Ca_desi_scaffold	270	[G/T]	NA
Ca_Desi_Chrr_95407_108	Ca_desi_scaffold	108	[T/G]	NA
Ca_Desi_Chrr_95896_196	Ca_desi_scaffold	196	[G/C]	NA
Ca_Desi_Chrr_95896_229	Ca_desi_scaffold	229	[A/T]	NA
Ca_Desi_Chrr_96225_344	Ca_desi_scaffold	344	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_96225_364	Ca_desi_scaffold	364	[T/G]	NA
Ca_Desi_Chrom_96247_318	Ca_desi_scaffold	318	[T/A]	NA
Ca_Desi_Chrom_97708_134	Ca_desi_scaffold	134	[T/C]	NA
Ca_Desi_Chrom_97964_98	Ca_desi_scaffold	98	[A/G]	NA
Ca_Desi_Chrom_98224_174	Ca_desi_scaffold	174	[C/T]	NA
Ca_Desi_Chrom_98775_110	Ca_desi_scaffold	110	[T/A]	NA
Ca_Desi_Chrom_98775_151	Ca_desi_scaffold	151	[A/C]	NA
Ca_Desi_Chrom_99492_19	Ca_desi_scaffold	19	[C/T]	NA
Ca_Desi_Chrom_99492_52	Ca_desi_scaffold	52	[C/T]	NA
Ca_Desi_Chrom_100247_43	Ca_desi_scaffold	43	[G/A]	NA
Ca_Desi_Chrom_102368_89	Ca_desi_scaffold	89	[C/T]	NA
Ca_Desi_Chrom_102368_111	Ca_desi_scaffold	111	[T/G]	NA
Ca_Desi_Chrom_102368_335	Ca_desi_scaffold	335	[G/A]	NA
Ca_Desi_Chrom_102864_278	Ca_desi_scaffold	278	[T/C]	NA
Ca_Desi_Chrom_103289_10	Ca_desi_scaffold	10	[T/C]	NA
Ca_Desi_Chrom_103289_11	Ca_desi_scaffold	11	[T/C]	NA
Ca_Desi_Chrom_103289_15	Ca_desi_scaffold	15	[A/G]	NA
Ca_Desi_Chrom_103289_16	Ca_desi_scaffold	16	[A/G]	NA
Ca_Desi_Chrom_103289_18	Ca_desi_scaffold	18	[A/G]	NA
Ca_Desi_Chrom_103289_19	Ca_desi_scaffold	19	[A/G]	NA
Ca_Desi_Chrom_103289_22	Ca_desi_scaffold	22	[T/C]	NA
Ca_Desi_Chrom_103289_25	Ca_desi_scaffold	25	[T/C]	NA
Ca_Desi_Chrom_103289_28	Ca_desi_scaffold	28	[C/T]	NA
Ca_Desi_Chrom_103289_33	Ca_desi_scaffold	33	[A/G]	NA
Ca_Desi_Chrom_103289_34	Ca_desi_scaffold	34	[A/G]	NA
Ca_Desi_Chrom_103289_35	Ca_desi_scaffold	35	[T/C]	NA
Ca_Desi_Chrom_103289_37	Ca_desi_scaffold	37	[T/C]	NA
Ca_Desi_Chrom_103289_38	Ca_desi_scaffold	38	[A/G]	NA
Ca_Desi_Chrom_103289_39	Ca_desi_scaffold	39	[T/C]	NA
Ca_Desi_Chrom_103289_41	Ca_desi_scaffold	41	[A/G]	NA
Ca_Desi_Chrom_103289_43	Ca_desi_scaffold	43	[T/C]	NA
Ca_Desi_Chrom_103289_45	Ca_desi_scaffold	45	[A/G]	NA
Ca_Desi_Chrom_103289_46	Ca_desi_scaffold	46	[T/C]	NA
Ca_Desi_Chrom_103289_47	Ca_desi_scaffold	47	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_103289_49	Ca_desi_scaffold	49	[T/C]	NA
Ca_Desi_Chrom_103289_53	Ca_desi_scaffold	53	[T/C]	NA
Ca_Desi_Chrom_103289_55	Ca_desi_scaffold	55	[A/G]	NA
Ca_Desi_Chrom_103289_59	Ca_desi_scaffold	59	[T/C]	NA
Ca_Desi_Chrom_103289_61	Ca_desi_scaffold	61	[T/C]	NA
Ca_Desi_Chrom_103289_64	Ca_desi_scaffold	64	[A/G]	NA
Ca_Desi_Chrom_103289_65	Ca_desi_scaffold	65	[A/G]	NA
Ca_Desi_Chrom_103289_66	Ca_desi_scaffold	66	[A/G]	NA
Ca_Desi_Chrom_103289_67	Ca_desi_scaffold	67	[T/C]	NA
Ca_Desi_Chrom_103289_141	Ca_desi_scaffold	141	[A/G]	NA
Ca_Desi_Chrom_103289_142	Ca_desi_scaffold	142	[T/C]	NA
Ca_Desi_Chrom_103289_143	Ca_desi_scaffold	143	[T/C]	NA
Ca_Desi_Chrom_103289_144	Ca_desi_scaffold	144	[T/C]	NA
Ca_Desi_Chrom_103289_145	Ca_desi_scaffold	145	[T/C]	NA
Ca_Desi_Chrom_103289_147	Ca_desi_scaffold	147	[T/C]	NA
Ca_Desi_Chrom_103289_148	Ca_desi_scaffold	148	[T/C]	NA
Ca_Desi_Chrom_103289_150	Ca_desi_scaffold	150	[T/C]	NA
Ca_Desi_Chrom_103289_151	Ca_desi_scaffold	151	[A/G]	NA
Ca_Desi_Chrom_103289_153	Ca_desi_scaffold	153	[G/A]	NA
Ca_Desi_Chrom_103289_154	Ca_desi_scaffold	154	[A/G]	NA
Ca_Desi_Chrom_103289_155	Ca_desi_scaffold	155	[T/C]	NA
Ca_Desi_Chrom_103289_156	Ca_desi_scaffold	156	[T/C]	NA
Ca_Desi_Chrom_103289_157	Ca_desi_scaffold	157	[C/T]	NA
Ca_Desi_Chrom_103289_158	Ca_desi_scaffold	158	[T/C]	NA
Ca_Desi_Chrom_103289_159	Ca_desi_scaffold	159	[T/C]	NA
Ca_Desi_Chrom_103289_161	Ca_desi_scaffold	161	[C/T]	NA
Ca_Desi_Chrom_103289_162	Ca_desi_scaffold	162	[T/C]	NA
Ca_Desi_Chrom_103289_163	Ca_desi_scaffold	163	[A/G]	NA
Ca_Desi_Chrom_103289_164	Ca_desi_scaffold	164	[T/C]	NA
Ca_Desi_Chrom_103289_165	Ca_desi_scaffold	165	[T/C]	NA
Ca_Desi_Chrom_103289_166	Ca_desi_scaffold	166	[C/T]	NA
Ca_Desi_Chrom_103289_168	Ca_desi_scaffold	168	[T/C]	NA
Ca_Desi_Chrom_103289_169	Ca_desi_scaffold	169	[A/G]	NA
Ca_Desi_Chrom_103289_170	Ca_desi_scaffold	170	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_103289_171	Ca_desi_scaffold	171	[G/A]	NA
Ca_Desi_Chrom_103289_172	Ca_desi_scaffold	172	[T/C]	NA
Ca_Desi_Chrom_103289_173	Ca_desi_scaffold	173	[C/T]	NA
Ca_Desi_Chrom_103289_174	Ca_desi_scaffold	174	[A/G]	NA
Ca_Desi_Chrom_103289_175	Ca_desi_scaffold	175	[T/C]	NA
Ca_Desi_Chrom_103289_176	Ca_desi_scaffold	176	[T/C]	NA
Ca_Desi_Chrom_103289_177	Ca_desi_scaffold	177	[T/C]	NA
Ca_Desi_Chrom_103289_178	Ca_desi_scaffold	178	[A/G]	NA
Ca_Desi_Chrom_103289_179	Ca_desi_scaffold	179	[T/C]	NA
Ca_Desi_Chrom_103289_181	Ca_desi_scaffold	181	[G/A]	NA
Ca_Desi_Chrom_103289_183	Ca_desi_scaffold	183	[A/G]	NA
Ca_Desi_Chrom_103289_184	Ca_desi_scaffold	184	[C/T]	NA
Ca_Desi_Chrom_103289_185	Ca_desi_scaffold	185	[G/A]	NA
Ca_Desi_Chrom_103289_186	Ca_desi_scaffold	186	[C/T]	NA
Ca_Desi_Chrom_103289_187	Ca_desi_scaffold	187	[G/A]	NA
Ca_Desi_Chrom_103289_188	Ca_desi_scaffold	188	[G/A]	NA
Ca_Desi_Chrom_103289_190	Ca_desi_scaffold	190	[A/G]	NA
Ca_Desi_Chrom_103289_191	Ca_desi_scaffold	191	[A/G]	NA
Ca_Desi_Chrom_103289_192	Ca_desi_scaffold	192	[G/A]	NA
Ca_Desi_Chrom_103289_193	Ca_desi_scaffold	193	[A/G]	NA
Ca_Desi_Chrom_103289_194	Ca_desi_scaffold	194	[G/A]	NA
Ca_Desi_Chrom_103289_195	Ca_desi_scaffold	195	[C/T]	NA
Ca_Desi_Chrom_103289_196	Ca_desi_scaffold	196	[T/C]	NA
Ca_Desi_Chrom_103289_197	Ca_desi_scaffold	197	[C/T]	NA
Ca_Desi_Chrom_103289_198	Ca_desi_scaffold	198	[G/A]	NA
Ca_Desi_Chrom_103289_199	Ca_desi_scaffold	199	[C/T]	NA
Ca_Desi_Chrom_103289_200	Ca_desi_scaffold	200	[G/A]	NA
Ca_Desi_Chrom_103289_201	Ca_desi_scaffold	201	[C/T]	NA
Ca_Desi_Chrom_103289_202	Ca_desi_scaffold	202	[A/G]	NA
Ca_Desi_Chrom_106251_132	Ca_desi_scaffold	132	[G/T]	NA
Ca_Desi_Chrom_106251_163	Ca_desi_scaffold	163	[C/T]	NA
Ca_Desi_Chrom_106343_95	Ca_desi_scaffold	95	[C/G]	NA
Ca_Desi_Chrom_106597_60	Ca_desi_scaffold	60	[C/T]	NA
Ca_Desi_Chrom_106597_67	Ca_desi_scaffold	67	[C/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_106597_80	Ca_desi_scaffold	80	[T/A]	NA
Ca_Desi_Chrom_106597_81	Ca_desi_scaffold	81	[G/A]	NA
Ca_Desi_Chrom_106597_82	Ca_desi_scaffold	82	[C/T]	NA
Ca_Desi_Chrom_106597_86	Ca_desi_scaffold	86	[T/A]	NA
Ca_Desi_Chrom_106597_98	Ca_desi_scaffold	98	[A/G]	NA
Ca_Desi_Chrom_106597_109	Ca_desi_scaffold	109	[C/A]	NA
Ca_Desi_Chrom_106597_110	Ca_desi_scaffold	110	[T/G]	NA
Ca_Desi_Chrom_106597_111	Ca_desi_scaffold	111	[G/T]	NA
Ca_Desi_Chrom_106597_130	Ca_desi_scaffold	130	[C/T]	NA
Ca_Desi_Chrom_106597_132	Ca_desi_scaffold	132	[A/T]	NA
Ca_Desi_Chrom_106597_142	Ca_desi_scaffold	142	[G/A]	NA
Ca_Desi_Chrom_106597_172	Ca_desi_scaffold	172	[T/A]	NA
Ca_Desi_Chrom_106597_182	Ca_desi_scaffold	182	[A/C]	NA
Ca_Desi_Chrom_107034_108	Ca_desi_scaffold	108	[A/T]	NA
Ca_Desi_Chrom_107034_128	Ca_desi_scaffold	128	[T/G]	NA
Ca_Desi_Chrom_107485_87	Ca_desi_scaffold	87	[T/A]	NA
Ca_Desi_Chrom_107485_94	Ca_desi_scaffold	94	[G/A]	NA
Ca_Desi_Chrom_107485_169	Ca_desi_scaffold	169	[T/C]	NA
Ca_Desi_Chrom_107485_171	Ca_desi_scaffold	171	[T/G]	NA
Ca_Desi_Chrom_107485_190	Ca_desi_scaffold	190	[A/C]	NA
Ca_Desi_Chrom_107485_200	Ca_desi_scaffold	200	[A/G]	NA
Ca_Desi_Chrom_107485_203	Ca_desi_scaffold	203	[A/G]	NA
Ca_Desi_Chrom_107771_86	Ca_desi_scaffold	86	[T/G]	NA
Ca_Desi_Chrom_107777_56	Ca_desi_scaffold	56	[A/G]	NA
Ca_Desi_Chrom_107777_59	Ca_desi_scaffold	59	[C/A]	NA
Ca_Desi_Chrom_107777_93	Ca_desi_scaffold	93	[C/T]	NA
Ca_Desi_Chrom_107777_107	Ca_desi_scaffold	107	[A/C]	NA
Ca_Desi_Chrom_107777_108	Ca_desi_scaffold	108	[T/C]	NA
Ca_Desi_Chrom_109110_319	Ca_desi_scaffold	319	[C/T]	NA
Ca_Desi_Chrom_109110_324	Ca_desi_scaffold	324	[T/G]	NA
Ca_Desi_Chrom_109498_204	Ca_desi_scaffold	204	[G/A]	NA
Ca_Desi_Chrom_110719_109	Ca_desi_scaffold	109	[T/A]	NA
Ca_Desi_Chrom_110719_139	Ca_desi_scaffold	139	[C/T]	NA
Ca_Desi_Chrom_110719_141	Ca_desi_scaffold	141	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_110719_144	Ca_desi_scaffold	144	[A/G]	NA
Ca_Desi_Chrom_111739_108	Ca_desi_scaffold	108	[C/T]	NA
Ca_Desi_Chrom_111895_56	Ca_desi_scaffold	56	[C/T]	NA
Ca_Desi_Chrom_111895_93	Ca_desi_scaffold	93	[T/A]	NA
Ca_Desi_Chrom_111895_104	Ca_desi_scaffold	104	[C/T]	NA
Ca_Desi_Chrom_111895_106	Ca_desi_scaffold	106	[A/G]	NA
Ca_Desi_Chrom_111895_243	Ca_desi_scaffold	243	[T/C]	NA
Ca_Desi_Chrom_112418_93	Ca_desi_scaffold	93	[C/T]	NA
Ca_Desi_Chrom_112418_107	Ca_desi_scaffold	107	[A/T]	NA
Ca_Desi_Chrom_112418_110	Ca_desi_scaffold	110	[C/T]	NA
Ca_Desi_Chrom_113836_37	Ca_desi_scaffold	37	[C/T]	NA
Ca_Desi_Chrom_113836_57	Ca_desi_scaffold	57	[A/T]	NA
Ca_Desi_Chrom_115776_70	Ca_desi_scaffold	70	[G/A]	NA
Ca_Desi_Chrom_115776_76	Ca_desi_scaffold	76	[A/G]	NA
Ca_Desi_Chrom_115776_77	Ca_desi_scaffold	77	[G/A]	NA
Ca_Desi_Chrom_115776_82	Ca_desi_scaffold	82	[G/A]	NA
Ca_Desi_Chrom_115776_85	Ca_desi_scaffold	85	[C/T]	NA
Ca_Desi_Chrom_115776_92	Ca_desi_scaffold	92	[T/G]	NA
Ca_Desi_Chrom_115776_100	Ca_desi_scaffold	100	[C/T]	NA
Ca_Desi_Chrom_115776_102	Ca_desi_scaffold	102	[G/A]	NA
Ca_Desi_Chrom_115776_112	Ca_desi_scaffold	112	[A/C]	NA
Ca_Desi_Chrom_115776_115	Ca_desi_scaffold	115	[C/T]	NA
Ca_Desi_Chrom_115776_122	Ca_desi_scaffold	122	[G/A]	NA
Ca_Desi_Chrom_116165_310	Ca_desi_scaffold	310	[A/T]	NA
Ca_Desi_Chrom_116190_101	Ca_desi_scaffold	101	[A/C]	NA
Ca_Desi_Chrom_116408_178	Ca_desi_scaffold	178	[A/G]	NA
Ca_Desi_Chrom_116408_225	Ca_desi_scaffold	225	[T/A]	NA
Ca_Desi_Chrom_117790_191	Ca_desi_scaffold	191	[G/A]	NA
Ca_Desi_Chrom_117969_92	Ca_desi_scaffold	92	[G/A]	NA
Ca_Desi_Chrom_117969_105	Ca_desi_scaffold	105	[A/C]	NA
Ca_Desi_Chrom_118891_107	Ca_desi_scaffold	107	[C/A]	NA
Ca_Desi_Chrom_118991_212	Ca_desi_scaffold	212	[G/C]	NA
Ca_Desi_Chrom_119257_47	Ca_desi_scaffold	47	[A/T]	NA
Ca_Desi_Chrom_119257_67	Ca_desi_scaffold	67	[G/A]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_120295_180	Ca_desi_scaffold	180	[A/T]	NA
Ca_Desi_Chrom_120685_224	Ca_desi_scaffold	224	[A/C]	NA
Ca_Desi_Chrom_125200_63	Ca_desi_scaffold	63	[G/A]	NA
Ca_Desi_Chrom_125786_65	Ca_desi_scaffold	65	[T/C]	NA
Ca_Desi_Chrom_125786_119	Ca_desi_scaffold	119	[C/A]	NA
Ca_Desi_Chrom_127596_152	Ca_desi_scaffold	152	[A/G]	NA
Ca_Desi_Chrom_127596_159	Ca_desi_scaffold	159	[T/A]	NA
Ca_Desi_Chrom_128341_59	Ca_desi_scaffold	59	[T/A]	NA
Ca_Desi_Chrom_128341_62	Ca_desi_scaffold	62	[T/C]	NA
Ca_Desi_Chrom_128341_83	Ca_desi_scaffold	83	[G/A]	NA
Ca_Desi_Chrom_129541_151	Ca_desi_scaffold	151	[C/A]	NA
Ca_Desi_Chrom_129541_155	Ca_desi_scaffold	155	[G/C]	NA
Ca_Desi_Chrom_129541_160	Ca_desi_scaffold	160	[C/A]	NA
Ca_Desi_Chrom_129541_161	Ca_desi_scaffold	161	[C/A]	NA
Ca_Desi_Chrom_129541_167	Ca_desi_scaffold	167	[G/T]	NA
Ca_Desi_Chrom_129541_196	Ca_desi_scaffold	196	[T/A]	NA
Ca_Desi_Chrom_133605_159	Ca_desi_scaffold	159	[A/C]	NA
Ca_Desi_Chrom_133676_62	Ca_desi_scaffold	62	[A/C]	NA
Ca_Desi_Chrom_133676_77	Ca_desi_scaffold	77	[G/A]	NA
Ca_Desi_Chrom_133676_93	Ca_desi_scaffold	93	[T/C]	NA
Ca_Desi_Chrom_133676_122	Ca_desi_scaffold	122	[T/A]	NA
Ca_Desi_Chrom_133676_125	Ca_desi_scaffold	125	[T/C]	NA
Ca_Desi_Chrom_133676_126	Ca_desi_scaffold	126	[G/A]	NA
Ca_Desi_Chrom_133676_127	Ca_desi_scaffold	127	[A/G]	NA
Ca_Desi_Chrom_133676_128	Ca_desi_scaffold	128	[C/T]	NA
Ca_Desi_Chrom_133676_129	Ca_desi_scaffold	129	[C/T]	NA
Ca_Desi_Chrom_133676_130	Ca_desi_scaffold	130	[T/C]	NA
Ca_Desi_Chrom_133676_131	Ca_desi_scaffold	131	[C/T]	NA
Ca_Desi_Chrom_133676_132	Ca_desi_scaffold	132	[A/G]	NA
Ca_Desi_Chrom_133676_133	Ca_desi_scaffold	133	[C/T]	NA
Ca_Desi_Chrom_133676_134	Ca_desi_scaffold	134	[C/T]	NA
Ca_Desi_Chrom_133676_135	Ca_desi_scaffold	135	[C/T]	NA
Ca_Desi_Chrom_133676_136	Ca_desi_scaffold	136	[A/G]	NA
Ca_Desi_Chrom_133676_137	Ca_desi_scaffold	137	[C/T]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_133676_138	Ca_desi_scaffold	138	[A/G]	NA
Ca_Desi_Chrom_133676_139	Ca_desi_scaffold	139	[C/T]	NA
Ca_Desi_Chrom_133676_140	Ca_desi_scaffold	140	[C/T]	NA
Ca_Desi_Chrom_133676_141	Ca_desi_scaffold	141	[T/C]	NA
Ca_Desi_Chrom_133676_142	Ca_desi_scaffold	142	[A/G]	NA
Ca_Desi_Chrom_133676_143	Ca_desi_scaffold	143	[C/T]	NA
Ca_Desi_Chrom_133676_144	Ca_desi_scaffold	144	[T/C]	NA
Ca_Desi_Chrom_133676_145	Ca_desi_scaffold	145	[T/C]	NA
Ca_Desi_Chrom_133676_146	Ca_desi_scaffold	146	[T/C]	NA
Ca_Desi_Chrom_133676_147	Ca_desi_scaffold	147	[T/C]	NA
Ca_Desi_Chrom_133676_148	Ca_desi_scaffold	148	[G/T]	NA
Ca_Desi_Chrom_133676_149	Ca_desi_scaffold	149	[T/C]	NA
Ca_Desi_Chrom_133676_150	Ca_desi_scaffold	150	[T/C]	NA
Ca_Desi_Chrom_133676_151	Ca_desi_scaffold	151	[A/G]	NA
Ca_Desi_Chrom_133676_152	Ca_desi_scaffold	152	[G/A]	NA
Ca_Desi_Chrom_133676_153	Ca_desi_scaffold	153	[A/G]	NA
Ca_Desi_Chrom_133676_154	Ca_desi_scaffold	154	[T/C]	NA
Ca_Desi_Chrom_133676_155	Ca_desi_scaffold	155	[A/G]	NA
Ca_Desi_Chrom_133676_156	Ca_desi_scaffold	156	[C/T]	NA
Ca_Desi_Chrom_133676_157	Ca_desi_scaffold	157	[C/T]	NA
Ca_Desi_Chrom_133676_158	Ca_desi_scaffold	158	[A/G]	NA
Ca_Desi_Chrom_133676_159	Ca_desi_scaffold	159	[A/G]	NA
Ca_Desi_Chrom_133676_160	Ca_desi_scaffold	160	[T/C]	NA
Ca_Desi_Chrom_133676_161	Ca_desi_scaffold	161	[C/T]	NA
Ca_Desi_Chrom_133676_162	Ca_desi_scaffold	162	[A/G]	NA
Ca_Desi_Chrom_133676_164	Ca_desi_scaffold	164	[G/A]	NA
Ca_Desi_Chrom_133676_165	Ca_desi_scaffold	165	[G/A]	NA
Ca_Desi_Chrom_133676_166	Ca_desi_scaffold	166	[G/A]	NA
Ca_Desi_Chrom_133676_167	Ca_desi_scaffold	167	[C/T]	NA
Ca_Desi_Chrom_133676_168	Ca_desi_scaffold	168	[T/C]	NA
Ca_Desi_Chrom_133676_169	Ca_desi_scaffold	169	[G/A]	NA
Ca_Desi_Chrom_133676_170	Ca_desi_scaffold	170	[A/G]	NA
Ca_Desi_Chrom_133676_171	Ca_desi_scaffold	171	[T/C]	NA
Ca_Desi_Chrom_133676_172	Ca_desi_scaffold	172	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_133676_173	Ca_desi_scaffold	173	[C/T]	NA
Ca_Desi_Chrom_133676_174	Ca_desi_scaffold	174	[A/G]	NA
Ca_Desi_Chrom_133676_175	Ca_desi_scaffold	175	[C/T]	NA
Ca_Desi_Chrom_133676_176	Ca_desi_scaffold	176	[G/A]	NA
Ca_Desi_Chrom_133676_177	Ca_desi_scaffold	177	[T/C]	NA
Ca_Desi_Chrom_133676_178	Ca_desi_scaffold	178	[C/T]	NA
Ca_Desi_Chrom_133676_179	Ca_desi_scaffold	179	[T/C]	NA
Ca_Desi_Chrom_133676_180	Ca_desi_scaffold	180	[G/A]	NA
Ca_Desi_Chrom_133676_181	Ca_desi_scaffold	181	[G/A]	NA
Ca_Desi_Chrom_133676_184	Ca_desi_scaffold	184	[T/C]	NA
Ca_Desi_Chrom_136434_198	Ca_desi_scaffold	198	[C/G]	NA
Ca_Desi_Chrom_136434_214	Ca_desi_scaffold	214	[C/T]	NA
Ca_Desi_Chrom_136434_216	Ca_desi_scaffold	216	[T/C]	NA
Ca_Desi_Chrom_136434_219	Ca_desi_scaffold	219	[G/T]	NA
Ca_Desi_Chrom_136434_221	Ca_desi_scaffold	221	[C/A]	NA
Ca_Desi_Chrom_136434_225	Ca_desi_scaffold	225	[G/T]	NA
Ca_Desi_Chrom_136434_230	Ca_desi_scaffold	230	[G/A]	NA
Ca_Desi_Chrom_136434_231	Ca_desi_scaffold	231	[G/A]	NA
Ca_Desi_Chrom_136434_240	Ca_desi_scaffold	240	[C/G]	NA
Ca_Desi_Chrom_136434_249	Ca_desi_scaffold	249	[T/G]	NA
Ca_Desi_Chrom_136434_255	Ca_desi_scaffold	255	[A/T]	NA
Ca_Desi_Chrom_139678_222	Ca_desi_scaffold	222	[T/C]	NA
Ca_Desi_Chrom_141681_74	Ca_desi_scaffold	74	[G/C]	NA
Ca_Desi_Chrom_142937_105	Ca_desi_scaffold	105	[T/A]	NA
Ca_Desi_Chrom_142937_111	Ca_desi_scaffold	111	[C/A]	NA
Ca_Desi_Chrom_142937_131	Ca_desi_scaffold	131	[C/T]	NA
Ca_Desi_Chrom_142937_139	Ca_desi_scaffold	139	[T/A]	NA
Ca_Desi_Chrom_142937_144	Ca_desi_scaffold	144	[G/A]	NA
Ca_Desi_Chrom_143604_130	Ca_desi_scaffold	130	[C/A]	NA
Ca_Desi_Chrom_145542_60	Ca_desi_scaffold	60	[T/C]	NA
Ca_Desi_Chrom_145542_61	Ca_desi_scaffold	61	[C/T]	NA
Ca_Desi_Chrom_145542_63	Ca_desi_scaffold	63	[T/C]	NA
Ca_Desi_Chrom_146944_95	Ca_desi_scaffold	95	[A/G]	NA
Ca_Desi_Chrom_146944_104	Ca_desi_scaffold	104	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_146944_105	Ca_desi_scaffold	105	[T/C]	NA
Ca_Desi_Chrom_146944_106	Ca_desi_scaffold	106	[T/C]	NA
Ca_Desi_Chrom_146944_109	Ca_desi_scaffold	109	[T/C]	NA
Ca_Desi_Chrom_146944_112	Ca_desi_scaffold	112	[T/C]	NA
Ca_Desi_Chrom_146944_116	Ca_desi_scaffold	116	[T/C]	NA
Ca_Desi_Chrom_146944_128	Ca_desi_scaffold	128	[A/G]	NA
Ca_Desi_Chrom_146944_135	Ca_desi_scaffold	135	[T/G]	NA
Ca_Desi_Chrom_146944_137	Ca_desi_scaffold	137	[C/T]	NA
Ca_Desi_Chrom_146944_138	Ca_desi_scaffold	138	[T/C]	NA
Ca_Desi_Chrom_146944_141	Ca_desi_scaffold	141	[T/C]	NA
Ca_Desi_Chrom_146944_143	Ca_desi_scaffold	143	[A/G]	NA
Ca_Desi_Chrom_146944_146	Ca_desi_scaffold	146	[T/C]	NA
Ca_Desi_Chrom_147183_54	Ca_desi_scaffold	54	[A/T]	NA
Ca_Desi_Chrom_148778_96	Ca_desi_scaffold	96	[T/C]	NA
Ca_Desi_Chrom_148778_98	Ca_desi_scaffold	98	[C/T]	NA
Ca_Desi_Chrom_148778_99	Ca_desi_scaffold	99	[A/G]	NA
Ca_Desi_Chrom_148778_102	Ca_desi_scaffold	102	[T/C]	NA
Ca_Desi_Chrom_148778_103	Ca_desi_scaffold	103	[A/G]	NA
Ca_Desi_Chrom_148778_104	Ca_desi_scaffold	104	[T/C]	NA
Ca_Desi_Chrom_148778_106	Ca_desi_scaffold	106	[A/G]	NA
Ca_Desi_Chrom_148778_108	Ca_desi_scaffold	108	[A/G]	NA
Ca_Desi_Chrom_148778_109	Ca_desi_scaffold	109	[A/G]	NA
Ca_Desi_Chrom_148778_110	Ca_desi_scaffold	110	[T/C]	NA
Ca_Desi_Chrom_148778_111	Ca_desi_scaffold	111	[G/A]	NA
Ca_Desi_Chrom_148778_112	Ca_desi_scaffold	112	[A/G]	NA
Ca_Desi_Chrom_148778_113	Ca_desi_scaffold	113	[T/C]	NA
Ca_Desi_Chrom_148778_114	Ca_desi_scaffold	114	[G/A]	NA
Ca_Desi_Chrom_148778_116	Ca_desi_scaffold	116	[A/G]	NA
Ca_Desi_Chrom_148778_117	Ca_desi_scaffold	117	[T/C]	NA
Ca_Desi_Chrom_148778_119	Ca_desi_scaffold	119	[A/G]	NA
Ca_Desi_Chrom_148778_128	Ca_desi_scaffold	128	[G/A]	NA
Ca_Desi_Chrom_148778_129	Ca_desi_scaffold	129	[T/C]	NA
Ca_Desi_Chrom_148778_130	Ca_desi_scaffold	130	[A/G]	NA
Ca_Desi_Chrom_148778_131	Ca_desi_scaffold	131	[T/C]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_148778_132	Ca_desi_scaffold	132	[C/T]	NA
Ca_Desi_Chrom_148778_133	Ca_desi_scaffold	133	[G/A]	NA
Ca_Desi_Chrom_148778_134	Ca_desi_scaffold	134	[G/A]	NA
Ca_Desi_Chrom_148778_135	Ca_desi_scaffold	135	[A/G]	NA
Ca_Desi_Chrom_148778_138	Ca_desi_scaffold	138	[A/G]	NA
Ca_Desi_Chrom_148778_140	Ca_desi_scaffold	140	[T/G]	NA
Ca_Desi_Chrom_148778_141	Ca_desi_scaffold	141	[T/C]	NA
Ca_Desi_Chrom_148778_142	Ca_desi_scaffold	142	[T/C]	NA
Ca_Desi_Chrom_148778_143	Ca_desi_scaffold	143	[C/T]	NA
Ca_Desi_Chrom_148778_144	Ca_desi_scaffold	144	[A/G]	NA
Ca_Desi_Chrom_148778_146	Ca_desi_scaffold	146	[C/T]	NA
Ca_Desi_Chrom_148778_147	Ca_desi_scaffold	147	[T/C]	NA
Ca_Desi_Chrom_148778_148	Ca_desi_scaffold	148	[G/A]	NA
Ca_Desi_Chrom_148778_149	Ca_desi_scaffold	149	[A/G]	NA
Ca_Desi_Chrom_148778_150	Ca_desi_scaffold	150	[T/C]	NA
Ca_Desi_Chrom_148778_152	Ca_desi_scaffold	152	[T/C]	NA
Ca_Desi_Chrom_148778_153	Ca_desi_scaffold	153	[A/G]	NA
Ca_Desi_Chrom_148778_155	Ca_desi_scaffold	155	[C/G]	NA
Ca_Desi_Chrom_149053_186	Ca_desi_scaffold	186	[T/C]	NA
Ca_Desi_Chrom_150206_164	Ca_desi_scaffold	164	[G/A]	NA
Ca_Desi_Chrom_150206_166	Ca_desi_scaffold	166	[C/T]	NA
Ca_Desi_Chrom_152888_35	Ca_desi_scaffold	35	[T/A]	NA
Ca_Desi_Chrom_152888_59	Ca_desi_scaffold	59	[C/T]	NA
Ca_Desi_Chrom_152888_61	Ca_desi_scaffold	61	[C/T]	NA
Ca_Desi_Chrom_152888_62	Ca_desi_scaffold	62	[C/T]	NA
Ca_Desi_Chrom_152888_63	Ca_desi_scaffold	63	[T/C]	NA
Ca_Desi_Chrom_152888_65	Ca_desi_scaffold	65	[C/T]	NA
Ca_Desi_Chrom_152888_66	Ca_desi_scaffold	66	[A/C]	NA
Ca_Desi_Chrom_152888_67	Ca_desi_scaffold	67	[G/T]	NA
Ca_Desi_Chrom_152888_84	Ca_desi_scaffold	84	[C/A]	NA
Ca_Desi_Chrom_153453_224	Ca_desi_scaffold	224	[G/A]	NA
Ca_Desi_Chrom_153496_166	Ca_desi_scaffold	166	[T/G]	NA
Ca_Desi_Chrom_153496_175	Ca_desi_scaffold	175	[A/G]	NA
Ca_Desi_Chrom_153496_177	Ca_desi_scaffold	177	[A/G]	NA

<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_153496_179	Ca_desi_scaffold	179	[T/G]	NA
Ca_Desi_Chrom_154087_152	Ca_desi_scaffold	152	[G/A]	NA
Ca_Desi_Chrom_154087_164	Ca_desi_scaffold	164	[A/C]	NA
Ca_Desi_Chrom_154087_169	Ca_desi_scaffold	169	[T/A]	NA
Ca_Desi_Chrom_154087_177	Ca_desi_scaffold	177	[G/C]	NA
Ca_Desi_Chrom_154772_43	Ca_desi_scaffold	43	[T/G]	NA
Ca_Desi_Chrom_156427_47	Ca_desi_scaffold	47	[A/G]	NA
Ca_Desi_Chrom_156427_50	Ca_desi_scaffold	50	[T/C]	NA
Ca_Desi_Chrom_156427_56	Ca_desi_scaffold	56	[T/C]	NA
Ca_Desi_Chrom_156427_57	Ca_desi_scaffold	57	[T/C]	NA
Ca_Desi_Chrom_156427_59	Ca_desi_scaffold	59	[A/G]	NA
Ca_Desi_Chrom_156427_61	Ca_desi_scaffold	61	[A/G]	NA
Ca_Desi_Chrom_156427_64	Ca_desi_scaffold	64	[C/A]	NA
Ca_Desi_Chrom_156427_65	Ca_desi_scaffold	65	[A/G]	NA
Ca_Desi_Chrom_156427_66	Ca_desi_scaffold	66	[C/T]	NA
Ca_Desi_Chrom_156427_69	Ca_desi_scaffold	69	[A/G]	NA
Ca_Desi_Chrom_156427_73	Ca_desi_scaffold	73	[T/G]	NA
Ca_Desi_Chrom_156427_74	Ca_desi_scaffold	74	[T/C]	NA
Ca_Desi_Chrom_156427_79	Ca_desi_scaffold	79	[T/C]	NA
Ca_Desi_Chrom_157946_101	Ca_desi_scaffold	101	[A/G]	NA
Ca_Desi_Chrom_158858_42	Ca_desi_scaffold	42	[G/A]	NA
Ca_Desi_Chrom_158858_67	Ca_desi_scaffold	67	[A/C]	NA
Ca_Desi_Chrom_159578_26	Ca_desi_scaffold	26	[C/T]	NA
Ca_Desi_Chrom_159763_158	Ca_desi_scaffold	158	[A/G]	NA
Ca_Desi_Chrom_161361_7	Ca_desi_scaffold	7	[G/A]	NA
Ca_Desi_Chrom_161361_18	Ca_desi_scaffold	18	[T/C]	NA
Ca_Desi_Chrom_161361_37	Ca_desi_scaffold	37	[A/T]	NA
Ca_Desi_Chrom_162436_83	Ca_desi_scaffold	83	[G/A]	NA
Ca_Desi_Chrom_162436_97	Ca_desi_scaffold	97	[C/A]	NA
Ca_Desi_Chrom_162436_104	Ca_desi_scaffold	104	[A/G]	NA
Ca_Desi_Chrom_162436_125	Ca_desi_scaffold	125	[G/A]	NA
Ca_Desi_Chrom_166028_38	Ca_desi_scaffold	38	[T/C]	NA
Ca_Desi_Chrom_166028_68	Ca_desi_scaffold	68	[T/C]	NA
Ca_Desi_Chrom_166028_76	Ca_desi_scaffold	76	[C/A]	NA



<b>SNP IDs</b>	<b>Chromosomes</b>	<b>Physical positions (bp)</b>	<b>SNPs</b>	<b>NCBI SNPdb accession IDs (NCBI_ss#)</b>
Ca_Desi_Chrom_166028_77	Ca_desi_scaffold	77	[T/A]	NA
Ca_Desi_Chrom_166028_78	Ca_desi_scaffold	78	[T/A]	NA
Ca_Desi_Chrom_166028_79	Ca_desi_scaffold	79	[C/T]	NA
Ca_Desi_Chrom_167967_67	Ca_desi_scaffold	67	[T/C]	NA
Ca_Desi_Chrom_167967_78	Ca_desi_scaffold	78	[T/C]	NA
Ca_Desi_Chrom_167967_81	Ca_desi_scaffold	81	[G/A]	NA
Ca_Desi_Chrom_167967_112	Ca_desi_scaffold	112	[A/G]	NA
Ca_Desi_Chrom_167967_118	Ca_desi_scaffold	118	[A/G]	NA
Ca_Desi_Chrom_169625_23	Ca_desi_scaffold	23	[C/T]	NA
Ca_Desi_Chrom_169625_68	Ca_desi_scaffold	68	[A/G]	NA
Ca_Desi_Chrom_169625_69	Ca_desi_scaffold	69	[A/G]	NA

**Table S3: 3625 and 2177 high-quality SNPs (MAF >20%) identified by reference *desi* and *kabuli* genome-based GBS assay, respectively mapped on ultra-high density intra-specific genetic linkage maps of chickpea**

SNP IDs	SNPs	Linkage Group (LGs)	Genetic positions (cM) of mapped SNPs
Ca_Desi_SNP1	[T/C]	Ca_Desi_LG01	0.000
Ca_Desi_SNP2	[C/G]	Ca_Desi_LG01	0.146
Ca_Desi_SNP3	[C/T]	Ca_Desi_LG01	0.559
Ca_Desi_SNP4	[A/C]	Ca_Desi_LG01	0.856
Ca_Desi_SNP5	[A/G]	Ca_Desi_LG01	0.923
Ca_Desi_SNP6	[G/T]	Ca_Desi_LG01	1.215
Ca_Desi_SNP7	[A/C]	Ca_Desi_LG01	2.584
Ca_Desi_SNP8	[C/T]	Ca_Desi_LG01	2.603
Ca_Desi_SNP9	[G/C]	Ca_Desi_LG01	3.543
Ca_Desi_SNP10	[T/G]	Ca_Desi_LG01	4.062
Ca_Desi_SNP11	[A/C]	Ca_Desi_LG01	4.585
Ca_Desi_SNP12	[T/G]	Ca_Desi_LG01	5.086
Ca_Desi_SNP13	[A/G]	Ca_Desi_LG01	5.238
Ca_Desi_SNP14	[C/A]	Ca_Desi_LG01	5.410
Ca_Desi_SNP15	[A/T]	Ca_Desi_LG01	5.540
Ca_Desi_SNP16	[T/C]	Ca_Desi_LG01	5.562
Ca_Desi_SNP17	[T/C]	Ca_Desi_LG01	7.518
Ca_Desi_SNP18	[C/T]	Ca_Desi_LG01	7.553
Ca_Desi_SNP19	[C/A]	Ca_Desi_LG01	8.101
Ca_Desi_SNP20	[A/C]	Ca_Desi_LG01	8.356
Ca_Desi_SNP21	[T/C]	Ca_Desi_LG01	8.403
Ca_Desi_SNP22	[A/G]	Ca_Desi_LG01	8.844
Ca_Desi_SNP23	[C/A]	Ca_Desi_LG01	9.458
Ca_Desi_SNP24	[T/C]	Ca_Desi_LG01	9.870
Ca_Desi_SNP25	[T/G]	Ca_Desi_LG01	10.180
Ca_Desi_SNP26	[T/G]	Ca_Desi_LG01	10.209
Ca_Desi_SNP27	[T/C]	Ca_Desi_LG01	10.570

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP28	[T/C]	Ca_Desi_LG01	10.835
Ca_Desi_SNP29	[T/G]	Ca_Desi_LG01	10.862
Ca_Desi_SNP30	[A/G]	Ca_Desi_LG01	12.036
Ca_Desi_SNP31	[A/C]	Ca_Desi_LG01	12.317
Ca_Desi_SNP32	[T/C]	Ca_Desi_LG01	12.508
Ca_Desi_SNP33	[T/C]	Ca_Desi_LG01	12.618
Ca_Desi_SNP34	[T/C]	Ca_Desi_LG01	12.694
Ca_Desi_SNP35	[T/G]	Ca_Desi_LG01	13.178
Ca_Desi_SNP36	[T/C]	Ca_Desi_LG01	13.207
Ca_Desi_SNP37	[T/G]	Ca_Desi_LG01	13.525
Ca_Desi_SNP38	[T/C]	Ca_Desi_LG01	13.649
Ca_Desi_SNP39	[A/G]	Ca_Desi_LG01	13.710
Ca_Desi_SNP40	[A/G]	Ca_Desi_LG01	13.733
Ca_Desi_SNP41	[T/C]	Ca_Desi_LG01	13.930
Ca_Desi_SNP42	[G/A]	Ca_Desi_LG01	14.480
Ca_Desi_SNP43	[A/G]	Ca_Desi_LG01	15.473
Ca_Desi_SNP44	[T/A]	Ca_Desi_LG01	15.641
Ca_Desi_SNP45	[C/T]	Ca_Desi_LG01	15.646
Ca_Desi_SNP46	[A/T]	Ca_Desi_LG01	15.953
Ca_Desi_SNP47	[T/C]	Ca_Desi_LG01	16.168
Ca_Desi_SNP48	[C/A]	Ca_Desi_LG01	16.247
Ca_Desi_SNP49	[A/C]	Ca_Desi_LG01	16.247
Ca_Desi_SNP50	[A/G]	Ca_Desi_LG01	16.385
Ca_Desi_SNP51	[G/T]	Ca_Desi_LG01	16.460
Ca_Desi_SNP52	[C/T]	Ca_Desi_LG01	16.521
Ca_Desi_SNP53	[T/G]	Ca_Desi_LG01	16.666
Ca_Desi_SNP54	[A/C]	Ca_Desi_LG01	16.737
Ca_Desi_SNP55	[C/A]	Ca_Desi_LG01	16.820
Ca_Desi_SNP56	[A/G]	Ca_Desi_LG01	16.833
Ca_Desi_SNP57	[G/A]	Ca_Desi_LG01	17.345
Ca_Desi_SNP58	[A/T]	Ca_Desi_LG01	17.452

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP59	[T/C]	Ca_Desi_LG01	17.519
Ca_Desi_SNP60	[A/C]	Ca_Desi_LG01	17.522
Ca_Desi_SNP61	[G/T]	Ca_Desi_LG01	18.048
Ca_Desi_SNP62	[A/G]	Ca_Desi_LG01	18.485
Ca_Desi_SNP63	[G/T]	Ca_Desi_LG01	18.616
Ca_Desi_SNP64	[T/C]	Ca_Desi_LG01	18.686
Ca_Desi_SNP65	[T/G]	Ca_Desi_LG01	18.796
Ca_Desi_SNP66	[A/G]	Ca_Desi_LG01	19.017
Ca_Desi_SNP67	[T/C]	Ca_Desi_LG01	19.215
Ca_Desi_SNP68	[T/G]	Ca_Desi_LG01	19.319
Ca_Desi_SNP69	[G/C]	Ca_Desi_LG01	19.335
Ca_Desi_SNP70	[T/C]	Ca_Desi_LG01	19.570
Ca_Desi_SNP71	[C/T]	Ca_Desi_LG01	19.738
Ca_Desi_SNP72	[G/A]	Ca_Desi_LG01	19.751
Ca_Desi_SNP73	[A/G]	Ca_Desi_LG01	20.095
Ca_Desi_SNP74	[A/G]	Ca_Desi_LG01	20.246
Ca_Desi_SNP75	[A/C]	Ca_Desi_LG01	20.251
Ca_Desi_SNP76	[A/G]	Ca_Desi_LG01	20.446
Ca_Desi_SNP77	[G/C]	Ca_Desi_LG01	20.499
Ca_Desi_SNP78	[A/G]	Ca_Desi_LG01	20.697
Ca_Desi_SNP79	[C/A]	Ca_Desi_LG01	20.789
Ca_Desi_SNP80	[A/G]	Ca_Desi_LG01	20.876
Ca_Desi_SNP81	[C/T]	Ca_Desi_LG01	20.950
Ca_Desi_SNP82	[T/C]	Ca_Desi_LG01	21.033
Ca_Desi_SNP83	[A/G]	Ca_Desi_LG01	21.062
Ca_Desi_SNP84	[T/C]	Ca_Desi_LG01	21.063
Ca_Desi_SNP85	[T/C]	Ca_Desi_LG01	21.137
Ca_Desi_SNP86	[T/G]	Ca_Desi_LG01	21.157
Ca_Desi_SNP87	[T/G]	Ca_Desi_LG01	21.184
Ca_Desi_SNP88	[C/A]	Ca_Desi_LG01	21.275
Ca_Desi_SNP89	[T/C]	Ca_Desi_LG01	21.376

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP90	[A/C]	Ca_Desi_LG01	21.388
Ca_Desi_SNP91	[G/C]	Ca_Desi_LG01	21.590
Ca_Desi_SNP92	[A/G]	Ca_Desi_LG01	21.631
Ca_Desi_SNP93	[T/G]	Ca_Desi_LG01	21.779
Ca_Desi_SNP94	[G/T]	Ca_Desi_LG01	22.083
Ca_Desi_SNP95	[T/C]	Ca_Desi_LG01	22.101
Ca_Desi_SNP96	[G/T]	Ca_Desi_LG01	22.270
Ca_Desi_SNP97	[A/C]	Ca_Desi_LG01	22.343
Ca_Desi_SNP98	[T/G]	Ca_Desi_LG01	22.501
Ca_Desi_SNP99	[C/T]	Ca_Desi_LG01	22.503
Ca_Desi_SNP100	[G/T]	Ca_Desi_LG01	22.516
Ca_Desi_SNP101	[G/T]	Ca_Desi_LG01	22.550
Ca_Desi_SNP102	[A/G]	Ca_Desi_LG01	22.554
Ca_Desi_SNP103	[A/C]	Ca_Desi_LG01	22.645
Ca_Desi_SNP104	[T/C]	Ca_Desi_LG01	22.695
Ca_Desi_SNP105	[G/C]	Ca_Desi_LG01	22.775
Ca_Desi_SNP106	[C/T]	Ca_Desi_LG01	22.854
Ca_Desi_SNP107	[A/G]	Ca_Desi_LG01	22.861
Ca_Desi_SNP108	[A/G]	Ca_Desi_LG01	22.911
Ca_Desi_SNP109	[C/G]	Ca_Desi_LG01	22.938
Ca_Desi_SNP110	[A/C]	Ca_Desi_LG01	23.190
Ca_Desi_SNP111	[A/C]	Ca_Desi_LG01	23.224
Ca_Desi_SNP112	[A/C]	Ca_Desi_LG01	23.297
Ca_Desi_SNP113	[T/C]	Ca_Desi_LG01	23.469
Ca_Desi_SNP114	[G/A]	Ca_Desi_LG01	23.498
Ca_Desi_SNP115	[G/A]	Ca_Desi_LG01	23.577
Ca_Desi_SNP116	[A/C]	Ca_Desi_LG01	23.580
Ca_Desi_SNP117	[C/T]	Ca_Desi_LG01	23.647
Ca_Desi_SNP118	[A/G]	Ca_Desi_LG01	23.756
Ca_Desi_SNP119	[G/A]	Ca_Desi_LG01	23.826
Ca_Desi_SNP120	[T/C]	Ca_Desi_LG01	23.840

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP121	[G/T]	Ca_Desi_LG01	23.886
Ca_Desi_SNP122	[T/C]	Ca_Desi_LG01	24.023
Ca_Desi_SNP123	[C/T]	Ca_Desi_LG01	24.050
Ca_Desi_SNP124	[T/G]	Ca_Desi_LG01	24.127
Ca_Desi_SNP125	[T/C]	Ca_Desi_LG01	24.187
Ca_Desi_SNP126	[A/G]	Ca_Desi_LG01	24.256
Ca_Desi_SNP127	[A/C]	Ca_Desi_LG01	24.391
Ca_Desi_SNP128	[C/T]	Ca_Desi_LG01	24.501
Ca_Desi_SNP129	[C/A]	Ca_Desi_LG01	24.568
Ca_Desi_SNP130	[A/G]	Ca_Desi_LG01	24.774
Ca_Desi_SNP131	[C/T]	Ca_Desi_LG01	24.813
Ca_Desi_SNP132	[T/C]	Ca_Desi_LG01	24.909
Ca_Desi_SNP133	[A/G]	Ca_Desi_LG01	24.977
Ca_Desi_SNP134	[C/T]	Ca_Desi_LG01	25.031
Ca_Desi_SNP135	[T/C]	Ca_Desi_LG01	25.220
Ca_Desi_SNP136	[A/C]	Ca_Desi_LG01	25.243
Ca_Desi_SNP137	[G/T]	Ca_Desi_LG01	25.380
Ca_Desi_SNP138	[A/G]	Ca_Desi_LG01	25.394
Ca_Desi_SNP139	[G/A]	Ca_Desi_LG01	25.489
Ca_Desi_SNP140	[T/C]	Ca_Desi_LG01	25.750
Ca_Desi_SNP141	[T/C]	Ca_Desi_LG01	25.792
Ca_Desi_SNP142	[T/C]	Ca_Desi_LG01	25.834
Ca_Desi_SNP143	[T/C]	Ca_Desi_LG01	25.904
Ca_Desi_SNP144	[T/A]	Ca_Desi_LG01	25.933
Ca_Desi_SNP145	[A/G]	Ca_Desi_LG01	25.970
Ca_Desi_SNP146	[C/T]	Ca_Desi_LG01	26.034
Ca_Desi_SNP147	[T/G]	Ca_Desi_LG01	26.129
Ca_Desi_SNP148	[C/A]	Ca_Desi_LG01	26.146
Ca_Desi_SNP149	[T/G]	Ca_Desi_LG01	26.198
Ca_Desi_SNP150	[T/G]	Ca_Desi_LG01	26.418
Ca_Desi_SNP151	[T/C]	Ca_Desi_LG01	26.510

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP152	[A/G]	Ca_Desi_LG01	26.521
Ca_Desi_SNP153	[A/G]	Ca_Desi_LG01	26.553
Ca_Desi_SNP154	[C/G]	Ca_Desi_LG01	26.678
Ca_Desi_SNP155	[A/C]	Ca_Desi_LG01	26.686
Ca_Desi_SNP156	[G/T]	Ca_Desi_LG01	26.745
Ca_Desi_SNP157	[G/C]	Ca_Desi_LG01	26.903
Ca_Desi_SNP158	[G/A]	Ca_Desi_LG01	26.972
Ca_Desi_SNP159	[A/G]	Ca_Desi_LG01	27.048
Ca_Desi_SNP160	[C/T]	Ca_Desi_LG01	27.105
Ca_Desi_SNP161	[G/T]	Ca_Desi_LG01	27.239
Ca_Desi_SNP162	[T/C]	Ca_Desi_LG01	27.283
Ca_Desi_SNP163	[T/C]	Ca_Desi_LG01	27.329
Ca_Desi_SNP164	[A/C]	Ca_Desi_LG01	27.545
Ca_Desi_SNP165	[T/C]	Ca_Desi_LG01	27.580
Ca_Desi_SNP166	[T/G]	Ca_Desi_LG01	27.676
Ca_Desi_SNP167	[A/G]	Ca_Desi_LG01	27.789
Ca_Desi_SNP168	[A/C]	Ca_Desi_LG01	27.892
Ca_Desi_SNP169	[G/A]	Ca_Desi_LG01	28.100
Ca_Desi_SNP170	[C/A]	Ca_Desi_LG01	28.135
Ca_Desi_SNP171	[T/C]	Ca_Desi_LG01	28.158
Ca_Desi_SNP172	[A/G]	Ca_Desi_LG01	28.166
Ca_Desi_SNP173	[A/C]	Ca_Desi_LG01	28.195
Ca_Desi_SNP174	[A/G]	Ca_Desi_LG01	28.307
Ca_Desi_SNP175	[T/C]	Ca_Desi_LG01	28.428
Ca_Desi_SNP176	[G/C]	Ca_Desi_LG01	28.485
Ca_Desi_SNP177	[T/C]	Ca_Desi_LG01	28.644
Ca_Desi_SNP178	[A/T]	Ca_Desi_LG01	28.784
Ca_Desi_SNP179	[A/G]	Ca_Desi_LG01	28.870
Ca_Desi_SNP180	[G/T]	Ca_Desi_LG01	29.009
Ca_Desi_SNP181	[T/G]	Ca_Desi_LG01	29.069
Ca_Desi_SNP182	[C/T]	Ca_Desi_LG01	29.166

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP183	[T/C]	Ca_Desi_LG01	29.285
Ca_Desi_SNP184	[A/G]	Ca_Desi_LG01	29.306
Ca_Desi_SNP185	[A/G]	Ca_Desi_LG01	29.321
Ca_Desi_SNP186	[T/C]	Ca_Desi_LG01	29.326
Ca_Desi_SNP187	[G/C]	Ca_Desi_LG01	29.349
Ca_Desi_SNP188	[G/A]	Ca_Desi_LG01	29.359
Ca_Desi_SNP189	[T/G]	Ca_Desi_LG01	29.372
Ca_Desi_SNP190	[A/T]	Ca_Desi_LG01	29.427
Ca_Desi_SNP191	[G/A]	Ca_Desi_LG01	29.612
Ca_Desi_SNP192	[A/C]	Ca_Desi_LG01	29.709
Ca_Desi_SNP193	[A/G]	Ca_Desi_LG01	29.772
Ca_Desi_SNP194	[A/C]	Ca_Desi_LG01	29.881
Ca_Desi_SNP195	[T/A]	Ca_Desi_LG01	29.923
Ca_Desi_SNP196	[A/C]	Ca_Desi_LG01	29.977
Ca_Desi_SNP197	[T/G]	Ca_Desi_LG01	29.978
Ca_Desi_SNP198	[A/C]	Ca_Desi_LG01	30.017
Ca_Desi_SNP199	[T/G]	Ca_Desi_LG01	30.020
Ca_Desi_SNP200	[T/C]	Ca_Desi_LG01	30.034
Ca_Desi_SNP201	[A/C]	Ca_Desi_LG01	30.164
Ca_Desi_SNP202	[C/G]	Ca_Desi_LG01	30.186
Ca_Desi_SNP203	[A/G]	Ca_Desi_LG01	30.456
Ca_Desi_SNP204	[T/G]	Ca_Desi_LG01	30.463
Ca_Desi_SNP205	[T/G]	Ca_Desi_LG01	30.466
Ca_Desi_SNP206	[A/G]	Ca_Desi_LG01	30.555
Ca_Desi_SNP207	[C/T]	Ca_Desi_LG01	30.735
Ca_Desi_SNP208	[T/G]	Ca_Desi_LG01	30.777
Ca_Desi_SNP209	[T/G]	Ca_Desi_LG01	30.918
Ca_Desi_SNP210	[C/T]	Ca_Desi_LG01	30.946
Ca_Desi_SNP211	[C/T]	Ca_Desi_LG01	31.129
Ca_Desi_SNP212	[C/A]	Ca_Desi_LG01	31.156
Ca_Desi_SNP213	[A/T]	Ca_Desi_LG01	31.237



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP214	[T/G]	Ca_Desi_LG01	31.367
Ca_Desi_SNP215	[G/C]	Ca_Desi_LG01	31.532
Ca_Desi_SNP216	[T/G]	Ca_Desi_LG01	31.546
Ca_Desi_SNP217	[A/G]	Ca_Desi_LG01	31.566
Ca_Desi_SNP218	[C/T]	Ca_Desi_LG01	31.666
Ca_Desi_SNP219	[A/T]	Ca_Desi_LG01	31.702
Ca_Desi_SNP220	[C/G]	Ca_Desi_LG01	31.825
Ca_Desi_SNP221	[T/C]	Ca_Desi_LG01	31.851
Ca_Desi_SNP222	[T/C]	Ca_Desi_LG01	31.870
Ca_Desi_SNP223	[A/G]	Ca_Desi_LG01	31.957
Ca_Desi_SNP224	[T/C]	Ca_Desi_LG01	32.027
Ca_Desi_SNP225	[T/A]	Ca_Desi_LG01	32.033
Ca_Desi_SNP226	[C/T]	Ca_Desi_LG01	32.056
Ca_Desi_SNP227	[A/G]	Ca_Desi_LG01	32.080
Ca_Desi_SNP228	[A/C]	Ca_Desi_LG01	32.190
Ca_Desi_SNP229	[T/C]	Ca_Desi_LG01	32.328
Ca_Desi_SNP230	[C/T]	Ca_Desi_LG01	32.362
Ca_Desi_SNP231	[G/T]	Ca_Desi_LG01	32.398
Ca_Desi_SNP232	[A/C]	Ca_Desi_LG01	32.448
Ca_Desi_SNP233	[A/G]	Ca_Desi_LG01	32.460
Ca_Desi_SNP234	[T/A]	Ca_Desi_LG01	32.495
Ca_Desi_SNP235	[G/A]	Ca_Desi_LG01	32.501
Ca_Desi_SNP236	[A/C]	Ca_Desi_LG01	32.707
Ca_Desi_SNP237	[G/T]	Ca_Desi_LG01	32.956
Ca_Desi_SNP238	[A/G]	Ca_Desi_LG01	32.989
Ca_Desi_SNP239	[T/A]	Ca_Desi_LG01	33.102
Ca_Desi_SNP240	[T/C]	Ca_Desi_LG01	33.139
Ca_Desi_SNP241	[C/G]	Ca_Desi_LG01	33.241
Ca_Desi_SNP242	[G/A]	Ca_Desi_LG01	33.301
Ca_Desi_SNP243	[A/T]	Ca_Desi_LG01	33.324
Ca_Desi_SNP244	[G/A]	Ca_Desi_LG01	33.376

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP245	[G/A]	Ca_Desi_LG01	33.427
Ca_Desi_SNP246	[G/A]	Ca_Desi_LG01	33.642
Ca_Desi_SNP247	[T/C]	Ca_Desi_LG01	33.751
Ca_Desi_SNP248	[A/C]	Ca_Desi_LG01	34.019
Ca_Desi_SNP249	[A/G]	Ca_Desi_LG01	34.247
Ca_Desi_SNP250	[C/G]	Ca_Desi_LG01	34.293
Ca_Desi_SNP251	[C/A]	Ca_Desi_LG01	34.372
Ca_Desi_SNP252	[C/T]	Ca_Desi_LG01	34.453
Ca_Desi_SNP253	[A/G]	Ca_Desi_LG01	34.466
Ca_Desi_SNP254	[C/A]	Ca_Desi_LG01	34.520
Ca_Desi_SNP255	[A/C]	Ca_Desi_LG01	34.683
Ca_Desi_SNP256	[T/C]	Ca_Desi_LG01	34.918
Ca_Desi_SNP257	[C/T]	Ca_Desi_LG01	35.214
Ca_Desi_SNP258	[C/T]	Ca_Desi_LG01	35.417
Ca_Desi_SNP259	[A/C]	Ca_Desi_LG01	35.478
Ca_Desi_SNP260	[T/G]	Ca_Desi_LG01	35.536
Ca_Desi_SNP261	[G/A]	Ca_Desi_LG01	35.554
Ca_Desi_SNP262	[T/G]	Ca_Desi_LG01	35.782
Ca_Desi_SNP263	[A/G]	Ca_Desi_LG01	36.163
Ca_Desi_SNP264	[A/G]	Ca_Desi_LG01	36.358
Ca_Desi_SNP265	[T/C]	Ca_Desi_LG01	36.514
Ca_Desi_SNP266	[C/T]	Ca_Desi_LG01	36.525
Ca_Desi_SNP267	[C/T]	Ca_Desi_LG01	36.560
Ca_Desi_SNP268	[A/C]	Ca_Desi_LG01	36.582
Ca_Desi_SNP269	[G/A]	Ca_Desi_LG01	36.653
Ca_Desi_SNP270	[G/A]	Ca_Desi_LG01	36.698
Ca_Desi_SNP271	[T/G]	Ca_Desi_LG01	36.743
Ca_Desi_SNP272	[C/G]	Ca_Desi_LG01	36.750
Ca_Desi_SNP273	[A/G]	Ca_Desi_LG01	36.796
Ca_Desi_SNP274	[A/C]	Ca_Desi_LG01	36.836
Ca_Desi_SNP275	[G/A]	Ca_Desi_LG01	36.879

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP276	[A/C]	Ca_Desi_LG01	36.964
Ca_Desi_SNP277	[T/C]	Ca_Desi_LG01	37.126
Ca_Desi_SNP278	[T/C]	Ca_Desi_LG01	37.132
Ca_Desi_SNP279	[T/C]	Ca_Desi_LG01	37.136
Ca_Desi_SNP280	[A/G]	Ca_Desi_LG01	37.646
Ca_Desi_SNP281	[C/A]	Ca_Desi_LG01	37.674
Ca_Desi_SNP282	[G/C]	Ca_Desi_LG01	37.748
Ca_Desi_SNP283	[A/G]	Ca_Desi_LG01	37.762
Ca_Desi_SNP284	[C/T]	Ca_Desi_LG01	37.964
Ca_Desi_SNP285	[T/A]	Ca_Desi_LG01	38.033
Ca_Desi_SNP286	[T/A]	Ca_Desi_LG01	38.049
Ca_Desi_SNP287	[T/C]	Ca_Desi_LG01	38.051
Ca_Desi_SNP288	[C/T]	Ca_Desi_LG01	38.142
Ca_Desi_SNP289	[C/T]	Ca_Desi_LG01	38.376
Ca_Desi_SNP290	[A/T]	Ca_Desi_LG01	38.702
Ca_Desi_SNP291	[G/C]	Ca_Desi_LG01	38.731
Ca_Desi_SNP292	[A/C]	Ca_Desi_LG01	38.810
Ca_Desi_SNP293	[C/T]	Ca_Desi_LG01	38.827
Ca_Desi_SNP294	[C/G]	Ca_Desi_LG01	39.080
Ca_Desi_SNP295	[C/T]	Ca_Desi_LG01	39.127
Ca_Desi_SNP296	[A/G]	Ca_Desi_LG01	39.166
Ca_Desi_SNP297	[A/G]	Ca_Desi_LG01	39.397
Ca_Desi_SNP298	[G/T]	Ca_Desi_LG01	39.425
Ca_Desi_SNP299	[A/C]	Ca_Desi_LG01	39.439
Ca_Desi_SNP300	[G/A]	Ca_Desi_LG01	39.484
Ca_Desi_SNP301	[A/C]	Ca_Desi_LG01	39.506
Ca_Desi_SNP302	[A/G]	Ca_Desi_LG01	39.508
Ca_Desi_SNP303	[A/C]	Ca_Desi_LG01	39.538
Ca_Desi_SNP304	[T/G]	Ca_Desi_LG01	39.610
Ca_Desi_SNP305	[C/T]	Ca_Desi_LG01	39.719
Ca_Desi_SNP306	[G/A]	Ca_Desi_LG01	39.793

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP307	[A/G]	Ca_Desi_LG01	39.842
Ca_Desi_SNP308	[G/C]	Ca_Desi_LG01	39.893
Ca_Desi_SNP309	[G/T]	Ca_Desi_LG01	39.980
Ca_Desi_SNP310	[T/C]	Ca_Desi_LG01	40.186
Ca_Desi_SNP311	[A/G]	Ca_Desi_LG01	40.216
Ca_Desi_SNP312	[T/C]	Ca_Desi_LG01	40.347
Ca_Desi_SNP313	[C/T]	Ca_Desi_LG01	40.403
Ca_Desi_SNP314	[A/G]	Ca_Desi_LG01	40.431
Ca_Desi_SNP315	[T/C]	Ca_Desi_LG01	40.558
Ca_Desi_SNP316	[A/G]	Ca_Desi_LG01	40.604
Ca_Desi_SNP317	[T/C]	Ca_Desi_LG01	41.006
Ca_Desi_SNP318	[T/C]	Ca_Desi_LG01	41.013
Ca_Desi_SNP319	[C/A]	Ca_Desi_LG01	41.032
Ca_Desi_SNP320	[T/C]	Ca_Desi_LG01	41.144
Ca_Desi_SNP321	[T/C]	Ca_Desi_LG01	41.149
Ca_Desi_SNP322	[T/G]	Ca_Desi_LG01	41.224
Ca_Desi_SNP323	[T/G]	Ca_Desi_LG01	41.255
Ca_Desi_SNP324	[G/A]	Ca_Desi_LG01	41.310
Ca_Desi_SNP325	[A/G]	Ca_Desi_LG01	41.414
Ca_Desi_SNP326	[T/C]	Ca_Desi_LG01	41.489
Ca_Desi_SNP327	[G/A]	Ca_Desi_LG01	41.490
Ca_Desi_SNP328	[A/G]	Ca_Desi_LG01	41.561
Ca_Desi_SNP329	[G/A]	Ca_Desi_LG01	41.598
Ca_Desi_SNP330	[C/T]	Ca_Desi_LG01	41.721
Ca_Desi_SNP331	[T/C]	Ca_Desi_LG01	41.819
Ca_Desi_SNP332	[T/C]	Ca_Desi_LG01	41.909
Ca_Desi_SNP333	[T/C]	Ca_Desi_LG01	42.172
Ca_Desi_SNP334	[A/T]	Ca_Desi_LG01	42.374
Ca_Desi_SNP335	[G/A]	Ca_Desi_LG01	42.400
Ca_Desi_SNP336	[T/C]	Ca_Desi_LG01	42.430
Ca_Desi_SNP337	[C/T]	Ca_Desi_LG01	42.664

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP338	[A/C]	Ca_Desi_LG01	42.667
Ca_Desi_SNP339	[C/T]	Ca_Desi_LG01	42.830
Ca_Desi_SNP340	[C/T]	Ca_Desi_LG01	42.927
Ca_Desi_SNP341	[G/T]	Ca_Desi_LG01	42.947
Ca_Desi_SNP342	[A/G]	Ca_Desi_LG01	42.989
Ca_Desi_SNP343	[T/G]	Ca_Desi_LG01	43.057
Ca_Desi_SNP344	[T/C]	Ca_Desi_LG01	43.146
Ca_Desi_SNP345	[A/G]	Ca_Desi_LG01	43.261
Ca_Desi_SNP346	[A/G]	Ca_Desi_LG01	43.282
Ca_Desi_SNP347	[C/A]	Ca_Desi_LG01	43.445
Ca_Desi_SNP348	[A/G]	Ca_Desi_LG01	43.467
Ca_Desi_SNP349	[A/T]	Ca_Desi_LG01	43.745
Ca_Desi_SNP350	[G/T]	Ca_Desi_LG01	43.968
Ca_Desi_SNP351	[T/G]	Ca_Desi_LG01	44.063
Ca_Desi_SNP352	[A/G]	Ca_Desi_LG01	44.121
Ca_Desi_SNP353	[T/C]	Ca_Desi_LG01	44.159
Ca_Desi_SNP354	[C/T]	Ca_Desi_LG01	44.308
Ca_Desi_SNP355	[T/C]	Ca_Desi_LG01	44.325
Ca_Desi_SNP356	[A/C]	Ca_Desi_LG01	44.327
Ca_Desi_SNP357	[A/G]	Ca_Desi_LG01	44.362
Ca_Desi_SNP358	[A/C]	Ca_Desi_LG01	44.480
Ca_Desi_SNP359	[A/G]	Ca_Desi_LG01	44.588
Ca_Desi_SNP360	[C/T]	Ca_Desi_LG01	44.844
Ca_Desi_SNP361	[A/G]	Ca_Desi_LG01	44.856
Ca_Desi_SNP362	[G/A]	Ca_Desi_LG01	44.873
Ca_Desi_SNP363	[T/C]	Ca_Desi_LG01	45.043
Ca_Desi_SNP364	[C/A]	Ca_Desi_LG01	45.048
Ca_Desi_SNP365	[T/A]	Ca_Desi_LG01	45.079
Ca_Desi_SNP366	[C/T]	Ca_Desi_LG01	45.210
Ca_Desi_SNP367	[A/G]	Ca_Desi_LG01	45.225
Ca_Desi_SNP368	[G/A]	Ca_Desi_LG01	45.447

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP369	[G/C]	Ca_Desi_LG01	45.488
Ca_Desi_SNP370	[A/G]	Ca_Desi_LG01	45.539
Ca_Desi_SNP371	[A/C]	Ca_Desi_LG01	45.656
Ca_Desi_SNP372	[C/T]	Ca_Desi_LG01	45.723
Ca_Desi_SNP373	[C/T]	Ca_Desi_LG01	45.726
Ca_Desi_SNP374	[A/C]	Ca_Desi_LG01	45.748
Ca_Desi_SNP375	[T/G]	Ca_Desi_LG01	45.765
Ca_Desi_SNP376	[T/C]	Ca_Desi_LG01	45.800
Ca_Desi_SNP377	[C/T]	Ca_Desi_LG01	45.974
Ca_Desi_SNP378	[G/A]	Ca_Desi_LG01	46.133
Ca_Desi_SNP379	[T/G]	Ca_Desi_LG01	46.235
Ca_Desi_SNP380	[G/A]	Ca_Desi_LG01	46.295
Ca_Desi_SNP381	[A/G]	Ca_Desi_LG01	46.497
Ca_Desi_SNP382	[A/G]	Ca_Desi_LG01	46.768
Ca_Desi_SNP383	[T/G]	Ca_Desi_LG01	46.770
Ca_Desi_SNP384	[A/C]	Ca_Desi_LG01	46.791
Ca_Desi_SNP385	[C/T]	Ca_Desi_LG01	46.870
Ca_Desi_SNP386	[T/C]	Ca_Desi_LG01	46.942
Ca_Desi_SNP387	[T/C]	Ca_Desi_LG01	47.032
Ca_Desi_SNP388	[T/C]	Ca_Desi_LG01	47.299
Ca_Desi_SNP389	[A/C]	Ca_Desi_LG01	47.453
Ca_Desi_SNP390	[T/C]	Ca_Desi_LG01	47.458
Ca_Desi_SNP391	[A/G]	Ca_Desi_LG01	47.484
Ca_Desi_SNP392	[C/A]	Ca_Desi_LG01	47.566
Ca_Desi_SNP393	[A/C]	Ca_Desi_LG01	47.658
Ca_Desi_SNP394	[T/G]	Ca_Desi_LG01	47.793
Ca_Desi_SNP395	[A/G]	Ca_Desi_LG01	48.130
Ca_Desi_SNP396	[C/T]	Ca_Desi_LG01	48.136
Ca_Desi_SNP397	[A/T]	Ca_Desi_LG01	48.623
Ca_Desi_SNP398	[C/T]	Ca_Desi_LG01	48.663
Ca_Desi_SNP399	[G/A]	Ca_Desi_LG01	48.690

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP400	[T/C]	Ca_Desi_LG01	48.765
Ca_Desi_SNP401	[C/A]	Ca_Desi_LG01	48.793
Ca_Desi_SNP402	[C/A]	Ca_Desi_LG01	48.807
Ca_Desi_SNP403	[A/G]	Ca_Desi_LG01	48.911
Ca_Desi_SNP404	[A/G]	Ca_Desi_LG01	49.194
Ca_Desi_SNP405	[T/C]	Ca_Desi_LG01	49.198
Ca_Desi_SNP406	[T/C]	Ca_Desi_LG01	49.398
Ca_Desi_SNP407	[C/G]	Ca_Desi_LG01	49.411
Ca_Desi_SNP408	[T/G]	Ca_Desi_LG01	49.586
Ca_Desi_SNP409	[T/G]	Ca_Desi_LG01	49.635
Ca_Desi_SNP410	[T/G]	Ca_Desi_LG01	49.730
Ca_Desi_SNP411	[T/A]	Ca_Desi_LG01	49.755
Ca_Desi_SNP412	[G/C]	Ca_Desi_LG01	50.066
Ca_Desi_SNP413	[A/G]	Ca_Desi_LG01	50.267
Ca_Desi_SNP414	[C/A]	Ca_Desi_LG01	50.537
Ca_Desi_SNP415	[T/C]	Ca_Desi_LG01	50.556
Ca_Desi_SNP416	[T/C]	Ca_Desi_LG01	50.565
Ca_Desi_SNP417	[T/C]	Ca_Desi_LG01	50.617
Ca_Desi_SNP418	[A/G]	Ca_Desi_LG01	50.671
Ca_Desi_SNP419	[A/C]	Ca_Desi_LG01	50.686
Ca_Desi_SNP420	[T/C]	Ca_Desi_LG01	50.698
Ca_Desi_SNP421	[C/A]	Ca_Desi_LG01	50.717
Ca_Desi_SNP422	[T/C]	Ca_Desi_LG01	50.746
Ca_Desi_SNP423	[A/T]	Ca_Desi_LG01	50.789
Ca_Desi_SNP424	[A/G]	Ca_Desi_LG01	50.850
Ca_Desi_SNP425	[T/G]	Ca_Desi_LG01	50.949
Ca_Desi_SNP426	[C/T]	Ca_Desi_LG01	50.983
Ca_Desi_SNP427	[C/T]	Ca_Desi_LG01	51.121
Ca_Desi_SNP428	[C/G]	Ca_Desi_LG01	51.170
Ca_Desi_SNP429	[T/A]	Ca_Desi_LG01	51.199
Ca_Desi_SNP430	[G/C]	Ca_Desi_LG01	51.211

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP431	[C/A]	Ca_Desi_LG01	51.251
Ca_Desi_SNP432	[A/G]	Ca_Desi_LG01	51.305
Ca_Desi_SNP433	[T/C]	Ca_Desi_LG01	51.332
Ca_Desi_SNP434	[A/G]	Ca_Desi_LG01	51.343
Ca_Desi_SNP435	[T/G]	Ca_Desi_LG01	51.387
Ca_Desi_SNP436	[T/C]	Ca_Desi_LG01	51.398
Ca_Desi_SNP437	[A/G]	Ca_Desi_LG01	51.512
Ca_Desi_SNP438	[G/T]	Ca_Desi_LG01	51.531
Ca_Desi_SNP439	[A/G]	Ca_Desi_LG01	51.552
Ca_Desi_SNP440	[A/C]	Ca_Desi_LG01	51.653
Ca_Desi_SNP441	[T/A]	Ca_Desi_LG01	51.899
Ca_Desi_SNP442	[T/G]	Ca_Desi_LG01	51.928
Ca_Desi_SNP443	[A/G]	Ca_Desi_LG01	51.995
Ca_Desi_SNP444	[T/A]	Ca_Desi_LG01	52.008
Ca_Desi_SNP445	[A/G]	Ca_Desi_LG01	52.196
Ca_Desi_SNP446	[A/T]	Ca_Desi_LG01	52.210
Ca_Desi_SNP447	[T/C]	Ca_Desi_LG01	52.279
Ca_Desi_SNP448	[A/G]	Ca_Desi_LG01	52.282
Ca_Desi_SNP449	[T/C]	Ca_Desi_LG01	52.290
Ca_Desi_SNP450	[A/G]	Ca_Desi_LG01	52.318
Ca_Desi_SNP451	[G/T]	Ca_Desi_LG01	52.321
Ca_Desi_SNP452	[T/C]	Ca_Desi_LG01	52.377
Ca_Desi_SNP453	[A/G]	Ca_Desi_LG01	52.439
Ca_Desi_SNP454	[G/T]	Ca_Desi_LG01	52.446
Ca_Desi_SNP455	[A/T]	Ca_Desi_LG01	52.460
Ca_Desi_SNP456	[A/G]	Ca_Desi_LG01	52.521
Ca_Desi_SNP457	[C/T]	Ca_Desi_LG01	52.670
Ca_Desi_SNP458	[A/G]	Ca_Desi_LG01	52.730
Ca_Desi_SNP459	[A/C]	Ca_Desi_LG01	52.751
Ca_Desi_SNP460	[A/C]	Ca_Desi_LG01	52.758
Ca_Desi_SNP461	[T/C]	Ca_Desi_LG01	52.803



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP462	[G/A]	Ca_Desi_LG01	52.830
Ca_Desi_SNP463	[A/T]	Ca_Desi_LG01	52.834
Ca_Desi_SNP464	[C/T]	Ca_Desi_LG01	52.959
Ca_Desi_SNP465	[T/G]	Ca_Desi_LG01	53.054
Ca_Desi_SNP466	[G/T]	Ca_Desi_LG01	53.292
Ca_Desi_SNP467	[A/C]	Ca_Desi_LG01	53.407
Ca_Desi_SNP468	[G/T]	Ca_Desi_LG01	53.519
Ca_Desi_SNP469	[T/C]	Ca_Desi_LG01	53.535
Ca_Desi_SNP470	[C/T]	Ca_Desi_LG01	53.579
Ca_Desi_SNP471	[T/G]	Ca_Desi_LG01	53.581
Ca_Desi_SNP472	[G/T]	Ca_Desi_LG01	53.621
Ca_Desi_SNP473	[A/C]	Ca_Desi_LG01	53.728
Ca_Desi_SNP474	[A/G]	Ca_Desi_LG01	53.729
Ca_Desi_SNP475	[G/A]	Ca_Desi_LG01	53.738
Ca_Desi_SNP476	[A/C]	Ca_Desi_LG01	53.739
Ca_Desi_SNP477	[T/G]	Ca_Desi_LG01	54.094
Ca_Desi_SNP478	[T/C]	Ca_Desi_LG01	54.128
Ca_Desi_SNP479	[T/C]	Ca_Desi_LG01	54.141
Ca_Desi_SNP480	[C/G]	Ca_Desi_LG01	54.145
Ca_Desi_SNP481	[T/C]	Ca_Desi_LG01	54.172
Ca_Desi_SNP482	[G/T]	Ca_Desi_LG01	54.344
Ca_Desi_SNP483	[T/C]	Ca_Desi_LG01	54.383
Ca_Desi_SNP484	[C/T]	Ca_Desi_LG01	54.441
Ca_Desi_SNP485	[A/G]	Ca_Desi_LG01	54.508
Ca_Desi_SNP486	[A/C]	Ca_Desi_LG01	54.514
Ca_Desi_SNP487	[T/C]	Ca_Desi_LG01	54.536
Ca_Desi_SNP488	[T/C]	Ca_Desi_LG01	54.597
Ca_Desi_SNP489	[G/A]	Ca_Desi_LG01	54.713
Ca_Desi_SNP490	[A/G]	Ca_Desi_LG01	54.869
Ca_Desi_SNP491	[T/C]	Ca_Desi_LG01	54.883
Ca_Desi_SNP492	[G/C]	Ca_Desi_LG01	55.000

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP493	[T/A]	Ca_Desi_LG01	55.012
Ca_Desi_SNP494	[A/G]	Ca_Desi_LG01	55.109
Ca_Desi_SNP495	[A/C]	Ca_Desi_LG01	55.115
Ca_Desi_SNP496	[A/G]	Ca_Desi_LG01	55.118
Ca_Desi_SNP497	[G/A]	Ca_Desi_LG01	55.160
Ca_Desi_SNP498	[T/C]	Ca_Desi_LG01	55.161
Ca_Desi_SNP499	[A/T]	Ca_Desi_LG01	55.224
Ca_Desi_SNP500	[A/G]	Ca_Desi_LG01	55.245
Ca_Desi_SNP501	[A/C]	Ca_Desi_LG01	55.295
Ca_Desi_SNP502	[C/T]	Ca_Desi_LG01	55.318
Ca_Desi_SNP503	[T/C]	Ca_Desi_LG01	55.349
Ca_Desi_SNP504	[A/G]	Ca_Desi_LG01	55.433
Ca_Desi_SNP505	[A/G]	Ca_Desi_LG01	55.442
Ca_Desi_SNP506	[A/G]	Ca_Desi_LG01	55.456
Ca_Desi_SNP507	[T/C]	Ca_Desi_LG01	55.475
Ca_Desi_SNP508	[T/C]	Ca_Desi_LG01	55.538
Ca_Desi_SNP509	[T/A]	Ca_Desi_LG01	55.724
Ca_Desi_SNP510	[C/A]	Ca_Desi_LG01	55.732
Ca_Desi_SNP511	[T/C]	Ca_Desi_LG01	55.757
Ca_Desi_SNP512	[T/C]	Ca_Desi_LG01	56.022
Ca_Desi_SNP513	[C/T]	Ca_Desi_LG01	56.043
Ca_Desi_SNP514	[A/G]	Ca_Desi_LG01	56.130
Ca_Desi_SNP515	[A/G]	Ca_Desi_LG01	56.158
Ca_Desi_SNP516	[A/C]	Ca_Desi_LG01	56.301
Ca_Desi_SNP517	[A/C]	Ca_Desi_LG01	56.350
Ca_Desi_SNP518	[A/T]	Ca_Desi_LG01	56.514
Ca_Desi_SNP519	[T/C]	Ca_Desi_LG01	56.572
Ca_Desi_SNP520	[T/G]	Ca_Desi_LG01	56.606
Ca_Desi_SNP521	[A/G]	Ca_Desi_LG01	56.661
Ca_Desi_SNP522	[A/T]	Ca_Desi_LG01	56.690
Ca_Desi_SNP523	[T/C]	Ca_Desi_LG01	56.760

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP524	[A/T]	Ca_Desi_LG01	56.786
Ca_Desi_SNP525	[A/G]	Ca_Desi_LG01	56.984
Ca_Desi_SNP526	[A/G]	Ca_Desi_LG01	57.121
Ca_Desi_SNP527	[T/C]	Ca_Desi_LG01	57.172
Ca_Desi_SNP528	[T/C]	Ca_Desi_LG01	57.223
Ca_Desi_SNP529	[T/C]	Ca_Desi_LG01	57.294
Ca_Desi_SNP530	[G/C]	Ca_Desi_LG01	57.334
Ca_Desi_SNP531	[A/G]	Ca_Desi_LG01	57.540
Ca_Desi_SNP532	[T/C]	Ca_Desi_LG01	57.632
Ca_Desi_SNP533	[A/G]	Ca_Desi_LG01	57.688
Ca_Desi_SNP534	[A/C]	Ca_Desi_LG01	57.692
Ca_Desi_SNP535	[T/G]	Ca_Desi_LG01	57.700
Ca_Desi_SNP536	[G/A]	Ca_Desi_LG01	57.720
Ca_Desi_SNP537	[A/C]	Ca_Desi_LG01	57.906
Ca_Desi_SNP538	[A/G]	Ca_Desi_LG01	57.927
Ca_Desi_SNP539	[T/G]	Ca_Desi_LG01	58.070
Ca_Desi_SNP540	[G/T]	Ca_Desi_LG01	58.093
Ca_Desi_SNP541	[T/G]	Ca_Desi_LG01	58.304
Ca_Desi_SNP542	[A/C]	Ca_Desi_LG01	58.358
Ca_Desi_SNP543	[T/A]	Ca_Desi_LG01	58.390
Ca_Desi_SNP544	[A/C]	Ca_Desi_LG01	58.530
Ca_Desi_SNP545	[T/C]	Ca_Desi_LG01	58.758
Ca_Desi_SNP546	[T/G]	Ca_Desi_LG01	58.790
Ca_Desi_SNP547	[T/C]	Ca_Desi_LG01	58.843
Ca_Desi_SNP548	[T/C]	Ca_Desi_LG01	58.876
Ca_Desi_SNP549	[T/C]	Ca_Desi_LG01	58.928
Ca_Desi_SNP550	[G/A]	Ca_Desi_LG01	58.934
Ca_Desi_SNP551	[T/G]	Ca_Desi_LG01	58.947
Ca_Desi_SNP552	[C/A]	Ca_Desi_LG01	58.974
Ca_Desi_SNP553	[T/G]	Ca_Desi_LG01	58.981
Ca_Desi_SNP554	[A/T]	Ca_Desi_LG01	59.042

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP555	[G/A]	Ca_Desi_LG01	59.057
Ca_Desi_SNP556	[T/C]	Ca_Desi_LG01	59.075
Ca_Desi_SNP557	[G/A]	Ca_Desi_LG01	59.131
Ca_Desi_SNP558	[A/G]	Ca_Desi_LG01	59.154
Ca_Desi_SNP559	[A/G]	Ca_Desi_LG01	59.239
Ca_Desi_SNP560	[A/T]	Ca_Desi_LG01	59.271
Ca_Desi_SNP561	[A/C]	Ca_Desi_LG01	59.306
Ca_Desi_SNP562	[T/G]	Ca_Desi_LG01	59.429
Ca_Desi_SNP563	[A/C]	Ca_Desi_LG01	59.578
Ca_Desi_SNP564	[T/C]	Ca_Desi_LG01	59.584
Ca_Desi_SNP565	[T/C]	Ca_Desi_LG01	59.590
Ca_Desi_SNP566	[C/A]	Ca_Desi_LG01	59.671
Ca_Desi_SNP567	[C/T]	Ca_Desi_LG01	59.822
Ca_Desi_SNP568	[G/C]	Ca_Desi_LG01	59.845
Ca_Desi_SNP569	[G/A]	Ca_Desi_LG01	59.869
Ca_Desi_SNP570	[C/G]	Ca_Desi_LG01	60.108
Ca_Desi_SNP571	[A/G]	Ca_Desi_LG01	60.189
Ca_Desi_SNP572	[A/G]	Ca_Desi_LG01	60.401
Ca_Desi_SNP573	[A/G]	Ca_Desi_LG01	60.446
Ca_Desi_SNP574	[A/G]	Ca_Desi_LG01	60.495
Ca_Desi_SNP575	[A/G]	Ca_Desi_LG01	60.548
Ca_Desi_SNP576	[C/T]	Ca_Desi_LG01	60.616
Ca_Desi_SNP577	[T/C]	Ca_Desi_LG01	60.619
Ca_Desi_SNP578	[G/T]	Ca_Desi_LG01	60.673
Ca_Desi_SNP579	[G/A]	Ca_Desi_LG01	60.722
Ca_Desi_SNP580	[T/C]	Ca_Desi_LG01	60.775
Ca_Desi_SNP581	[A/C]	Ca_Desi_LG01	60.915
Ca_Desi_SNP582	[T/C]	Ca_Desi_LG01	60.938
Ca_Desi_SNP583	[A/G]	Ca_Desi_LG01	61.090
Ca_Desi_SNP584	[A/C]	Ca_Desi_LG01	61.091
Ca_Desi_SNP585	[A/G]	Ca_Desi_LG01	61.093

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP586	[G/A]	Ca_Desi_LG01	61.159
Ca_Desi_SNP587	[T/A]	Ca_Desi_LG01	61.182
Ca_Desi_SNP588	[A/G]	Ca_Desi_LG01	61.355
Ca_Desi_SNP589	[T/C]	Ca_Desi_LG01	61.361
Ca_Desi_SNP590	[T/C]	Ca_Desi_LG01	61.417
Ca_Desi_SNP591	[T/C]	Ca_Desi_LG01	61.419
Ca_Desi_SNP592	[T/G]	Ca_Desi_LG01	61.466
Ca_Desi_SNP593	[A/C]	Ca_Desi_LG01	61.615
Ca_Desi_SNP594	[C/T]	Ca_Desi_LG01	61.623
Ca_Desi_SNP595	[T/G]	Ca_Desi_LG01	61.738
Ca_Desi_SNP596	[T/C]	Ca_Desi_LG01	61.997
Ca_Desi_SNP597	[T/C]	Ca_Desi_LG01	62.083
Ca_Desi_SNP598	[A/G]	Ca_Desi_LG01	62.174
Ca_Desi_SNP599	[A/G]	Ca_Desi_LG01	62.397
Ca_Desi_SNP600	[A/G]	Ca_Desi_LG01	62.456
Ca_Desi_SNP601	[G/A]	Ca_Desi_LG01	62.570
Ca_Desi_SNP602	[T/C]	Ca_Desi_LG01	62.707
Ca_Desi_SNP603	[T/C]	Ca_Desi_LG01	62.708
Ca_Desi_SNP604	[T/G]	Ca_Desi_LG01	62.819
Ca_Desi_SNP605	[A/T]	Ca_Desi_LG01	62.823
Ca_Desi_SNP606	[A/G]	Ca_Desi_LG01	62.887
Ca_Desi_SNP607	[T/A]	Ca_Desi_LG01	63.022
Ca_Desi_SNP608	[C/T]	Ca_Desi_LG01	63.083
Ca_Desi_SNP609	[A/G]	Ca_Desi_LG01	63.198
Ca_Desi_SNP610	[A/G]	Ca_Desi_LG01	63.255
Ca_Desi_SNP611	[T/C]	Ca_Desi_LG01	63.312
Ca_Desi_SNP612	[T/G]	Ca_Desi_LG01	63.341
Ca_Desi_SNP613	[A/G]	Ca_Desi_LG01	63.381
Ca_Desi_SNP614	[T/C]	Ca_Desi_LG01	63.469
Ca_Desi_SNP615	[A/G]	Ca_Desi_LG01	63.538
Ca_Desi_SNP616	[T/G]	Ca_Desi_LG01	63.546

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desig_SNP617	[T/G]	Ca_Desig_LG01	63.583
Ca_Desig_SNP618	[A/G]	Ca_Desig_LG01	63.722
Ca_Desig_SNP619	[G/A]	Ca_Desig_LG01	63.920
Ca_Desig_SNP620	[A/G]	Ca_Desig_LG01	63.980
Ca_Desig_SNP621	[G/T]	Ca_Desig_LG01	64.000
Ca_Desig_SNP622	[C/T]	Ca_Desig_LG01	64.053
Ca_Desig_SNP623	[A/C]	Ca_Desig_LG01	64.064
Ca_Desig_SNP624	[A/C]	Ca_Desig_LG01	64.169
Ca_Desig_SNP625	[T/C]	Ca_Desig_LG01	64.180
Ca_Desig_SNP626	[A/G]	Ca_Desig_LG01	64.183
Ca_Desig_SNP627	[T/G]	Ca_Desig_LG01	64.237
Ca_Desig_SNP628	[A/G]	Ca_Desig_LG01	64.307
Ca_Desig_SNP629	[A/G]	Ca_Desig_LG01	64.359
Ca_Desig_SNP630	[A/C]	Ca_Desig_LG01	64.397
Ca_Desig_SNP631	[G/A]	Ca_Desig_LG01	64.423
Ca_Desig_SNP632	[T/G]	Ca_Desig_LG01	64.462
Ca_Desig_SNP633	[A/G]	Ca_Desig_LG01	64.494
Ca_Desig_SNP634	[C/T]	Ca_Desig_LG01	64.545
Ca_Desig_SNP635	[C/A]	Ca_Desig_LG01	64.572
Ca_Desig_SNP636	[G/A]	Ca_Desig_LG01	64.655
Ca_Desig_SNP637	[T/G]	Ca_Desig_LG01	64.707
Ca_Desig_SNP638	[G/A]	Ca_Desig_LG01	64.817
Ca_Desig_SNP639	[A/C]	Ca_Desig_LG01	64.977
Ca_Desig_SNP640	[A/G]	Ca_Desig_LG01	65.111
Ca_Desig_SNP641	[A/G]	Ca_Desig_LG01	65.404
Ca_Desig_SNP642	[A/C]	Ca_Desig_LG01	65.547
Ca_Desig_SNP643	[C/G]	Ca_Desig_LG01	65.622
Ca_Desig_SNP644	[A/G]	Ca_Desig_LG01	65.630
Ca_Desig_SNP645	[T/C]	Ca_Desig_LG01	65.674
Ca_Desig_SNP646	[T/C]	Ca_Desig_LG01	65.773
Ca_Desig_SNP647	[C/A]	Ca_Desig_LG01	65.941

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP648	[T/C]	Ca_Desi_LG01	66.014
Ca_Desi_SNP649	[A/C]	Ca_Desi_LG01	66.061
Ca_Desi_SNP650	[T/G]	Ca_Desi_LG01	66.206
Ca_Desi_SNP651	[A/G]	Ca_Desi_LG01	66.299
Ca_Desi_SNP652	[G/A]	Ca_Desi_LG01	66.744
Ca_Desi_SNP653	[A/G]	Ca_Desi_LG01	66.813
Ca_Desi_SNP654	[A/C]	Ca_Desi_LG01	66.876
Ca_Desi_SNP655	[T/A]	Ca_Desi_LG01	67.106
Ca_Desi_SNP656	[A/C]	Ca_Desi_LG01	67.134
Ca_Desi_SNP657	[T/C]	Ca_Desi_LG01	67.220
Ca_Desi_SNP658	[T/C]	Ca_Desi_LG01	67.262
Ca_Desi_SNP659	[T/G]	Ca_Desi_LG01	67.383
Ca_Desi_SNP660	[T/A]	Ca_Desi_LG01	67.535
Ca_Desi_SNP661	[T/C]	Ca_Desi_LG01	67.922
Ca_Desi_SNP662	[G/C]	Ca_Desi_LG01	68.187
Ca_Desi_SNP663	[A/C]	Ca_Desi_LG01	68.264
Ca_Desi_SNP664	[A/G]	Ca_Desi_LG01	68.342
Ca_Desi_SNP665	[T/G]	Ca_Desi_LG01	68.556
Ca_Desi_SNP666	[G/A]	Ca_Desi_LG01	68.593
Ca_Desi_SNP667	[T/C]	Ca_Desi_LG01	68.602
Ca_Desi_SNP668	[C/T]	Ca_Desi_LG01	68.874
Ca_Desi_SNP669	[T/C]	Ca_Desi_LG01	68.933
Ca_Desi_SNP670	[C/T]	Ca_Desi_LG01	69.055
Ca_Desi_SNP671	[A/G]	Ca_Desi_LG01	69.095
Ca_Desi_SNP672	[A/G]	Ca_Desi_LG01	69.194
Ca_Desi_SNP673	[T/C]	Ca_Desi_LG01	69.204
Ca_Desi_SNP674	[T/C]	Ca_Desi_LG01	69.303
Ca_Desi_SNP675	[T/C]	Ca_Desi_LG01	69.389
Ca_Desi_SNP676	[A/G]	Ca_Desi_LG01	69.453
Ca_Desi_SNP677	[A/G]	Ca_Desi_LG01	69.737
Ca_Desi_SNP678	[A/G]	Ca_Desi_LG01	69.757

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP679	[A/T]	Ca_Desi_LG01	69.876
Ca_Desi_SNP680	[C/A]	Ca_Desi_LG01	70.529
Ca_Desi_SNP681	[A/T]	Ca_Desi_LG01	70.639
Ca_Desi_SNP682	[A/G]	Ca_Desi_LG01	71.370
Ca_Desi_SNP683	[G/A]	Ca_Desi_LG01	71.452
Ca_Desi_SNP684	[T/C]	Ca_Desi_LG01	71.548
Ca_Desi_SNP685	[G/A]	Ca_Desi_LG01	71.700
Ca_Desi_SNP686	[A/T]	Ca_Desi_LG01	71.827
Ca_Desi_SNP687	[C/A]	Ca_Desi_LG01	71.914
Ca_Desi_SNP688	[A/G]	Ca_Desi_LG01	71.993
Ca_Desi_SNP689	[T/C]	Ca_Desi_LG01	72.305
Ca_Desi_SNP690	[T/G]	Ca_Desi_LG01	72.454
Ca_Desi_SNP691	[T/G]	Ca_Desi_LG01	72.506
Ca_Desi_SNP692	[A/C]	Ca_Desi_LG01	72.543
Ca_Desi_SNP693	[A/C]	Ca_Desi_LG01	72.636
Ca_Desi_SNP694	[T/G]	Ca_Desi_LG01	72.752
Ca_Desi_SNP695	[A/C]	Ca_Desi_LG01	72.769
Ca_Desi_SNP696	[T/C]	Ca_Desi_LG01	72.878
Ca_Desi_SNP697	[C/A]	Ca_Desi_LG01	73.001
Ca_Desi_SNP698	[T/G]	Ca_Desi_LG01	73.166
Ca_Desi_SNP699	[A/G]	Ca_Desi_LG01	73.737
Ca_Desi_SNP700	[A/G]	Ca_Desi_LG01	73.820
Ca_Desi_SNP701	[C/T]	Ca_Desi_LG01	73.822
Ca_Desi_SNP702	[T/C]	Ca_Desi_LG01	73.978
Ca_Desi_SNP703	[C/T]	Ca_Desi_LG01	73.997
Ca_Desi_SNP704	[A/C]	Ca_Desi_LG01	74.092
Ca_Desi_SNP705	[A/C]	Ca_Desi_LG01	74.200
Ca_Desi_SNP706	[T/C]	Ca_Desi_LG01	75.068
Ca_Desi_SNP707	[A/G]	Ca_Desi_LG01	75.258
Ca_Desi_SNP708	[A/G]	Ca_Desi_LG01	75.381
Ca_Desi_SNP709	[T/A]	Ca_Desi_LG01	75.405



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP710	[G/C]	Ca_Desi_LG01	75.652
Ca_Desi_SNP711	[C/T]	Ca_Desi_LG01	75.838
Ca_Desi_SNP712	[A/T]	Ca_Desi_LG01	75.972
Ca_Desi_SNP713	[T/C]	Ca_Desi_LG01	76.187
Ca_Desi_SNP714	[C/A]	Ca_Desi_LG01	76.275
Ca_Desi_SNP715	[T/G]	Ca_Desi_LG01	76.317
Ca_Desi_SNP716	[T/G]	Ca_Desi_LG01	76.792
Ca_Desi_SNP717	[T/C]	Ca_Desi_LG01	77.331
Ca_Desi_SNP718	[A/C]	Ca_Desi_LG01	77.653
Ca_Desi_SNP719	[A/G]	Ca_Desi_LG01	78.635
Ca_Desi_SNP720	[A/G]	Ca_Desi_LG01	78.771
Ca_Desi_SNP721	[T/G]	Ca_Desi_LG01	78.995
Ca_Desi_SNP722	[T/G]	Ca_Desi_LG01	79.324
Ca_Desi_SNP723	[A/G]	Ca_Desi_LG01	79.431
Ca_Desi_SNP724	[G/A]	Ca_Desi_LG01	80.720
Ca_Desi_SNP725	[T/G]	Ca_Desi_LG01	80.791
Ca_Desi_SNP726	[T/G]	Ca_Desi_LG01	80.988
Ca_Desi_SNP727	[A/C]	Ca_Desi_LG01	81.116
Ca_Desi_SNP728	[C/T]	Ca_Desi_LG01	81.151
Ca_Desi_SNP729	[T/C]	Ca_Desi_LG01	81.184
Ca_Desi_SNP730	[C/T]	Ca_Desi_LG01	81.557
Ca_Desi_SNP731	[T/C]	Ca_Desi_LG01	82.277
Ca_Desi_SNP732	[A/G]	Ca_Desi_LG01	83.102
Ca_Desi_SNP733	[G/A]	Ca_Desi_LG01	83.657
Ca_Desi_SNP734	[A/T]	Ca_Desi_LG01	84.062
Ca_Desi_SNP735	[T/C]	Ca_Desi_LG01	85.443
Ca_Desi_SNP736	[A/G]	Ca_Desi_LG01	86.076
Ca_Desi_SNP737	[A/G]	Ca_Desi_LG02	0.000
Ca_Desi_SNP738	[A/C]	Ca_Desi_LG02	1.214
Ca_Desi_SNP739	[T/C]	Ca_Desi_LG02	2.230
Ca_Desi_SNP740	[C/A]	Ca_Desi_LG02	2.321

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP741	[T/A]	Ca_Desi_LG02	2.705
Ca_Desi_SNP742	[A/C]	Ca_Desi_LG02	2.849
Ca_Desi_SNP743	[G/C]	Ca_Desi_LG02	3.178
Ca_Desi_SNP744	[T/C]	Ca_Desi_LG02	3.418
Ca_Desi_SNP745	[G/A]	Ca_Desi_LG02	3.585
Ca_Desi_SNP746	[G/C]	Ca_Desi_LG02	4.524
Ca_Desi_SNP747	[T/G]	Ca_Desi_LG02	4.552
Ca_Desi_SNP748	[A/G]	Ca_Desi_LG02	5.233
Ca_Desi_SNP749	[G/A]	Ca_Desi_LG02	5.373
Ca_Desi_SNP750	[T/C]	Ca_Desi_LG02	5.473
Ca_Desi_SNP751	[T/C]	Ca_Desi_LG02	7.891
Ca_Desi_SNP752	[G/A]	Ca_Desi_LG02	9.224
Ca_Desi_SNP753	[T/C]	Ca_Desi_LG02	9.275
Ca_Desi_SNP754	[G/A]	Ca_Desi_LG02	10.101
Ca_Desi_SNP755	[T/C]	Ca_Desi_LG02	11.016
Ca_Desi_SNP756	[T/G]	Ca_Desi_LG02	11.641
Ca_Desi_SNP757	[T/C]	Ca_Desi_LG02	11.958
Ca_Desi_SNP758	[T/C]	Ca_Desi_LG02	12.025
Ca_Desi_SNP759	[A/C]	Ca_Desi_LG02	12.451
Ca_Desi_SNP760	[C/A]	Ca_Desi_LG02	12.634
Ca_Desi_SNP761	[T/G]	Ca_Desi_LG02	12.680
Ca_Desi_SNP762	[C/G]	Ca_Desi_LG02	13.743
Ca_Desi_SNP763	[A/G]	Ca_Desi_LG02	14.012
Ca_Desi_SNP764	[T/C]	Ca_Desi_LG02	14.531
Ca_Desi_SNP765	[T/C]	Ca_Desi_LG02	14.980
Ca_Desi_SNP766	[G/A]	Ca_Desi_LG02	15.083
Ca_Desi_SNP767	[A/T]	Ca_Desi_LG02	15.150
Ca_Desi_SNP768	[G/T]	Ca_Desi_LG02	15.258
Ca_Desi_SNP769	[A/T]	Ca_Desi_LG02	15.314
Ca_Desi_SNP770	[T/G]	Ca_Desi_LG02	15.882
Ca_Desi_SNP771	[T/C]	Ca_Desi_LG02	16.304

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP772	[A/T]	Ca_Desi_LG02	16.619
Ca_Desi_SNP773	[A/T]	Ca_Desi_LG02	16.870
Ca_Desi_SNP774	[A/C]	Ca_Desi_LG02	17.433
Ca_Desi_SNP775	[T/C]	Ca_Desi_LG02	17.461
Ca_Desi_SNP776	[C/A]	Ca_Desi_LG02	17.586
Ca_Desi_SNP777	[T/G]	Ca_Desi_LG02	17.692
Ca_Desi_SNP778	[A/G]	Ca_Desi_LG02	18.172
Ca_Desi_SNP779	[T/C]	Ca_Desi_LG02	18.309
Ca_Desi_SNP780	[T/G]	Ca_Desi_LG02	18.389
Ca_Desi_SNP781	[T/C]	Ca_Desi_LG02	18.513
Ca_Desi_SNP782	[C/A]	Ca_Desi_LG02	18.518
Ca_Desi_SNP783	[A/C]	Ca_Desi_LG02	19.265
Ca_Desi_SNP784	[T/C]	Ca_Desi_LG02	19.321
Ca_Desi_SNP785	[T/C]	Ca_Desi_LG02	19.553
Ca_Desi_SNP786	[T/G]	Ca_Desi_LG02	19.609
Ca_Desi_SNP787	[A/C]	Ca_Desi_LG02	19.941
Ca_Desi_SNP788	[T/C]	Ca_Desi_LG02	20.521
Ca_Desi_SNP789	[T/G]	Ca_Desi_LG02	20.549
Ca_Desi_SNP790	[T/C]	Ca_Desi_LG02	20.817
Ca_Desi_SNP791	[C/T]	Ca_Desi_LG02	20.818
Ca_Desi_SNP792	[G/A]	Ca_Desi_LG02	20.867
Ca_Desi_SNP793	[T/C]	Ca_Desi_LG02	20.974
Ca_Desi_SNP794	[G/A]	Ca_Desi_LG02	21.063
Ca_Desi_SNP795	[A/G]	Ca_Desi_LG02	21.077
Ca_Desi_SNP796	[A/G]	Ca_Desi_LG02	21.137
Ca_Desi_SNP797	[T/G]	Ca_Desi_LG02	21.428
Ca_Desi_SNP798	[T/G]	Ca_Desi_LG02	21.477
Ca_Desi_SNP799	[G/A]	Ca_Desi_LG02	21.635
Ca_Desi_SNP800	[T/C]	Ca_Desi_LG02	21.691
Ca_Desi_SNP801	[A/C]	Ca_Desi_LG02	21.729
Ca_Desi_SNP802	[G/A]	Ca_Desi_LG02	21.745

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP803	[C/A]	Ca_Desi_LG02	21.885
Ca_Desi_SNP804	[T/C]	Ca_Desi_LG02	21.920
Ca_Desi_SNP805	[T/C]	Ca_Desi_LG02	22.093
Ca_Desi_SNP806	[A/C]	Ca_Desi_LG02	22.119
Ca_Desi_SNP807	[T/A]	Ca_Desi_LG02	22.167
Ca_Desi_SNP808	[A/G]	Ca_Desi_LG02	22.278
Ca_Desi_SNP809	[A/C]	Ca_Desi_LG02	22.364
Ca_Desi_SNP810	[A/G]	Ca_Desi_LG02	22.608
Ca_Desi_SNP811	[A/C]	Ca_Desi_LG02	22.887
Ca_Desi_SNP812	[T/C]	Ca_Desi_LG02	22.891
Ca_Desi_SNP813	[A/G]	Ca_Desi_LG02	23.051
Ca_Desi_SNP814	[T/C]	Ca_Desi_LG02	23.058
Ca_Desi_SNP815	[C/T]	Ca_Desi_LG02	23.124
Ca_Desi_SNP816	[A/G]	Ca_Desi_LG02	23.432
Ca_Desi_SNP817	[G/A]	Ca_Desi_LG02	23.490
Ca_Desi_SNP818	[A/G]	Ca_Desi_LG02	23.629
Ca_Desi_SNP819	[T/C]	Ca_Desi_LG02	23.857
Ca_Desi_SNP820	[T/C]	Ca_Desi_LG02	24.070
Ca_Desi_SNP821	[T/G]	Ca_Desi_LG02	24.119
Ca_Desi_SNP822	[A/G]	Ca_Desi_LG02	24.210
Ca_Desi_SNP823	[G/A]	Ca_Desi_LG02	24.800
Ca_Desi_SNP824	[A/G]	Ca_Desi_LG02	24.898
Ca_Desi_SNP825	[T/C]	Ca_Desi_LG02	25.050
Ca_Desi_SNP826	[T/A]	Ca_Desi_LG02	25.066
Ca_Desi_SNP827	[T/A]	Ca_Desi_LG02	25.120
Ca_Desi_SNP828	[A/G]	Ca_Desi_LG02	25.309
Ca_Desi_SNP829	[T/C]	Ca_Desi_LG02	25.333
Ca_Desi_SNP830	[A/G]	Ca_Desi_LG02	25.439
Ca_Desi_SNP831	[C/T]	Ca_Desi_LG02	25.855
Ca_Desi_SNP832	[A/C]	Ca_Desi_LG02	25.904
Ca_Desi_SNP833	[A/C]	Ca_Desi_LG02	25.933

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP834	[A/T]	Ca_Desi_LG02	26.100
Ca_Desi_SNP835	[C/G]	Ca_Desi_LG02	26.656
Ca_Desi_SNP836	[T/A]	Ca_Desi_LG02	27.158
Ca_Desi_SNP837	[A/G]	Ca_Desi_LG02	27.533
Ca_Desi_SNP838	[C/T]	Ca_Desi_LG02	27.628
Ca_Desi_SNP839	[G/A]	Ca_Desi_LG02	27.721
Ca_Desi_SNP840	[A/G]	Ca_Desi_LG02	27.733
Ca_Desi_SNP841	[A/C]	Ca_Desi_LG02	27.796
Ca_Desi_SNP842	[G/A]	Ca_Desi_LG02	28.259
Ca_Desi_SNP843	[T/C]	Ca_Desi_LG02	28.908
Ca_Desi_SNP844	[G/A]	Ca_Desi_LG02	29.047
Ca_Desi_SNP845	[T/A]	Ca_Desi_LG02	29.183
Ca_Desi_SNP846	[T/G]	Ca_Desi_LG02	29.245
Ca_Desi_SNP847	[A/G]	Ca_Desi_LG02	29.256
Ca_Desi_SNP848	[A/G]	Ca_Desi_LG02	29.496
Ca_Desi_SNP849	[A/C]	Ca_Desi_LG02	29.763
Ca_Desi_SNP850	[G/A]	Ca_Desi_LG02	29.795
Ca_Desi_SNP851	[T/A]	Ca_Desi_LG02	29.852
Ca_Desi_SNP852	[A/T]	Ca_Desi_LG02	29.921
Ca_Desi_SNP853	[T/G]	Ca_Desi_LG02	30.107
Ca_Desi_SNP854	[T/C]	Ca_Desi_LG02	30.425
Ca_Desi_SNP855	[T/C]	Ca_Desi_LG02	30.539
Ca_Desi_SNP856	[A/G]	Ca_Desi_LG02	30.705
Ca_Desi_SNP857	[C/A]	Ca_Desi_LG02	31.030
Ca_Desi_SNP858	[A/C]	Ca_Desi_LG02	31.546
Ca_Desi_SNP859	[A/C]	Ca_Desi_LG02	31.685
Ca_Desi_SNP860	[C/A]	Ca_Desi_LG02	31.885
Ca_Desi_SNP861	[T/C]	Ca_Desi_LG02	32.043
Ca_Desi_SNP862	[A/G]	Ca_Desi_LG02	32.138
Ca_Desi_SNP863	[T/C]	Ca_Desi_LG02	32.173
Ca_Desi_SNP864	[A/G]	Ca_Desi_LG02	32.299

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP865	[C/G]	Ca_Desi_LG02	32.838
Ca_Desi_SNP866	[A/G]	Ca_Desi_LG02	33.033
Ca_Desi_SNP867	[T/G]	Ca_Desi_LG02	33.064
Ca_Desi_SNP868	[C/A]	Ca_Desi_LG02	33.317
Ca_Desi_SNP869	[A/G]	Ca_Desi_LG02	33.349
Ca_Desi_SNP870	[T/C]	Ca_Desi_LG02	33.681
Ca_Desi_SNP871	[A/C]	Ca_Desi_LG02	33.849
Ca_Desi_SNP872	[T/C]	Ca_Desi_LG02	33.916
Ca_Desi_SNP873	[C/T]	Ca_Desi_LG02	34.145
Ca_Desi_SNP874	[T/C]	Ca_Desi_LG02	34.232
Ca_Desi_SNP875	[T/G]	Ca_Desi_LG02	34.764
Ca_Desi_SNP876	[T/G]	Ca_Desi_LG02	34.918
Ca_Desi_SNP877	[T/G]	Ca_Desi_LG02	34.948
Ca_Desi_SNP878	[A/C]	Ca_Desi_LG02	35.093
Ca_Desi_SNP879	[T/G]	Ca_Desi_LG02	35.137
Ca_Desi_SNP880	[G/T]	Ca_Desi_LG02	35.342
Ca_Desi_SNP881	[T/G]	Ca_Desi_LG02	35.542
Ca_Desi_SNP882	[A/C]	Ca_Desi_LG02	35.612
Ca_Desi_SNP883	[C/T]	Ca_Desi_LG02	36.356
Ca_Desi_SNP884	[A/G]	Ca_Desi_LG02	36.425
Ca_Desi_SNP885	[T/G]	Ca_Desi_LG02	36.447
Ca_Desi_SNP886	[C/T]	Ca_Desi_LG02	36.827
Ca_Desi_SNP887	[T/C]	Ca_Desi_LG02	36.944
Ca_Desi_SNP888	[A/G]	Ca_Desi_LG02	37.013
Ca_Desi_SNP889	[T/C]	Ca_Desi_LG02	37.014
Ca_Desi_SNP890	[C/T]	Ca_Desi_LG02	37.154
Ca_Desi_SNP891	[T/G]	Ca_Desi_LG02	37.288
Ca_Desi_SNP892	[T/G]	Ca_Desi_LG02	37.346
Ca_Desi_SNP893	[T/C]	Ca_Desi_LG02	37.627
Ca_Desi_SNP894	[A/T]	Ca_Desi_LG02	37.650
Ca_Desi_SNP895	[A/G]	Ca_Desi_LG02	37.724

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP896	[A/G]	Ca_Desi_LG02	37.791
Ca_Desi_SNP897	[C/A]	Ca_Desi_LG02	38.127
Ca_Desi_SNP898	[A/T]	Ca_Desi_LG02	38.647
Ca_Desi_SNP899	[A/C]	Ca_Desi_LG02	38.934
Ca_Desi_SNP900	[A/C]	Ca_Desi_LG02	38.993
Ca_Desi_SNP901	[G/A]	Ca_Desi_LG02	39.121
Ca_Desi_SNP902	[A/G]	Ca_Desi_LG02	39.180
Ca_Desi_SNP903	[G/T]	Ca_Desi_LG02	39.185
Ca_Desi_SNP904	[T/G]	Ca_Desi_LG02	39.252
Ca_Desi_SNP905	[T/G]	Ca_Desi_LG02	39.293
Ca_Desi_SNP906	[A/G]	Ca_Desi_LG02	39.444
Ca_Desi_SNP907	[C/T]	Ca_Desi_LG02	39.562
Ca_Desi_SNP908	[A/C]	Ca_Desi_LG02	39.624
Ca_Desi_SNP909	[A/C]	Ca_Desi_LG02	39.980
Ca_Desi_SNP910	[A/G]	Ca_Desi_LG02	40.124
Ca_Desi_SNP911	[C/T]	Ca_Desi_LG02	40.142
Ca_Desi_SNP912	[T/G]	Ca_Desi_LG02	40.301
Ca_Desi_SNP913	[A/G]	Ca_Desi_LG02	40.539
Ca_Desi_SNP914	[T/C]	Ca_Desi_LG02	40.704
Ca_Desi_SNP915	[G/A]	Ca_Desi_LG02	40.720
Ca_Desi_SNP916	[T/C]	Ca_Desi_LG02	41.617
Ca_Desi_SNP917	[G/A]	Ca_Desi_LG02	41.658
Ca_Desi_SNP918	[A/C]	Ca_Desi_LG02	41.692
Ca_Desi_SNP919	[A/G]	Ca_Desi_LG02	42.477
Ca_Desi_SNP920	[G/T]	Ca_Desi_LG02	42.882
Ca_Desi_SNP921	[T/C]	Ca_Desi_LG02	42.945
Ca_Desi_SNP922	[A/T]	Ca_Desi_LG02	43.413
Ca_Desi_SNP923	[T/C]	Ca_Desi_LG02	43.734
Ca_Desi_SNP924	[C/T]	Ca_Desi_LG02	43.831
Ca_Desi_SNP925	[G/C]	Ca_Desi_LG02	44.265
Ca_Desi_SNP926	[A/G]	Ca_Desi_LG02	44.290

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP927	[T/G]	Ca_Desi_LG02	44.375
Ca_Desi_SNP928	[A/G]	Ca_Desi_LG02	44.910
Ca_Desi_SNP929	[A/G]	Ca_Desi_LG02	44.960
Ca_Desi_SNP930	[A/G]	Ca_Desi_LG02	45.077
Ca_Desi_SNP931	[T/C]	Ca_Desi_LG02	45.150
Ca_Desi_SNP932	[T/C]	Ca_Desi_LG02	45.243
Ca_Desi_SNP933	[A/G]	Ca_Desi_LG02	45.244
Ca_Desi_SNP934	[G/C]	Ca_Desi_LG02	45.348
Ca_Desi_SNP935	[C/T]	Ca_Desi_LG02	45.682
Ca_Desi_SNP936	[T/A]	Ca_Desi_LG02	46.011
Ca_Desi_SNP937	[T/C]	Ca_Desi_LG02	46.237
Ca_Desi_SNP938	[A/G]	Ca_Desi_LG02	46.457
Ca_Desi_SNP939	[T/G]	Ca_Desi_LG02	47.310
Ca_Desi_SNP940	[G/A]	Ca_Desi_LG02	47.410
Ca_Desi_SNP941	[T/C]	Ca_Desi_LG02	47.550
Ca_Desi_SNP942	[C/T]	Ca_Desi_LG02	47.879
Ca_Desi_SNP943	[C/T]	Ca_Desi_LG02	47.915
Ca_Desi_SNP944	[C/A]	Ca_Desi_LG02	47.932
Ca_Desi_SNP945	[G/A]	Ca_Desi_LG02	48.243
Ca_Desi_SNP946	[T/C]	Ca_Desi_LG02	48.400
Ca_Desi_SNP947	[C/T]	Ca_Desi_LG02	48.937
Ca_Desi_SNP948	[G/A]	Ca_Desi_LG02	48.982
Ca_Desi_SNP949	[T/C]	Ca_Desi_LG02	49.010
Ca_Desi_SNP950	[T/A]	Ca_Desi_LG02	49.068
Ca_Desi_SNP951	[G/A]	Ca_Desi_LG02	49.205
Ca_Desi_SNP952	[T/C]	Ca_Desi_LG02	49.209
Ca_Desi_SNP953	[T/A]	Ca_Desi_LG02	49.216
Ca_Desi_SNP954	[G/A]	Ca_Desi_LG02	49.449
Ca_Desi_SNP955	[G/A]	Ca_Desi_LG02	49.517
Ca_Desi_SNP956	[C/T]	Ca_Desi_LG02	49.985
Ca_Desi_SNP957	[T/G]	Ca_Desi_LG02	50.016



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP958	[C/A]	Ca_Desi_LG02	50.036
Ca_Desi_SNP959	[C/G]	Ca_Desi_LG02	50.308
Ca_Desi_SNP960	[T/C]	Ca_Desi_LG02	50.363
Ca_Desi_SNP961	[T/C]	Ca_Desi_LG02	50.639
Ca_Desi_SNP962	[T/C]	Ca_Desi_LG02	50.648
Ca_Desi_SNP963	[G/T]	Ca_Desi_LG02	50.652
Ca_Desi_SNP964	[T/G]	Ca_Desi_LG02	50.946
Ca_Desi_SNP965	[C/A]	Ca_Desi_LG02	51.231
Ca_Desi_SNP966	[G/A]	Ca_Desi_LG02	51.885
Ca_Desi_SNP967	[A/C]	Ca_Desi_LG02	51.989
Ca_Desi_SNP968	[G/C]	Ca_Desi_LG02	52.048
Ca_Desi_SNP969	[T/A]	Ca_Desi_LG02	52.068
Ca_Desi_SNP970	[T/C]	Ca_Desi_LG02	52.123
Ca_Desi_SNP971	[A/G]	Ca_Desi_LG02	52.349
Ca_Desi_SNP972	[A/T]	Ca_Desi_LG02	52.638
Ca_Desi_SNP973	[C/A]	Ca_Desi_LG02	52.651
Ca_Desi_SNP974	[T/G]	Ca_Desi_LG02	52.735
Ca_Desi_SNP975	[G/T]	Ca_Desi_LG02	53.175
Ca_Desi_SNP976	[C/T]	Ca_Desi_LG02	53.193
Ca_Desi_SNP977	[T/G]	Ca_Desi_LG02	53.228
Ca_Desi_SNP978	[T/C]	Ca_Desi_LG02	53.302
Ca_Desi_SNP979	[T/G]	Ca_Desi_LG02	53.826
Ca_Desi_SNP980	[G/T]	Ca_Desi_LG02	53.899
Ca_Desi_SNP981	[A/G]	Ca_Desi_LG02	54.043
Ca_Desi_SNP982	[A/G]	Ca_Desi_LG02	54.108
Ca_Desi_SNP983	[C/T]	Ca_Desi_LG02	54.195
Ca_Desi_SNP984	[G/T]	Ca_Desi_LG02	54.289
Ca_Desi_SNP985	[C/A]	Ca_Desi_LG02	54.437
Ca_Desi_SNP986	[G/A]	Ca_Desi_LG02	54.503
Ca_Desi_SNP987	[C/G]	Ca_Desi_LG02	54.567
Ca_Desi_SNP988	[G/A]	Ca_Desi_LG02	54.772

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP989	[A/T]	Ca_Desi_LG02	54.802
Ca_Desi_SNP990	[A/C]	Ca_Desi_LG02	54.924
Ca_Desi_SNP991	[A/G]	Ca_Desi_LG02	55.085
Ca_Desi_SNP992	[T/C]	Ca_Desi_LG02	55.249
Ca_Desi_SNP993	[G/A]	Ca_Desi_LG02	55.257
Ca_Desi_SNP994	[C/A]	Ca_Desi_LG02	55.312
Ca_Desi_SNP995	[T/A]	Ca_Desi_LG02	55.927
Ca_Desi_SNP996	[A/G]	Ca_Desi_LG02	55.981
Ca_Desi_SNP997	[A/T]	Ca_Desi_LG02	55.986
Ca_Desi_SNP998	[A/G]	Ca_Desi_LG02	56.016
Ca_Desi_SNP999	[G/T]	Ca_Desi_LG02	56.089
Ca_Desi_SNP1000	[G/A]	Ca_Desi_LG02	56.102
Ca_Desi_SNP1001	[T/G]	Ca_Desi_LG02	56.228
Ca_Desi_SNP1002	[A/C]	Ca_Desi_LG02	56.264
Ca_Desi_SNP1003	[A/G]	Ca_Desi_LG02	56.473
Ca_Desi_SNP1004	[T/C]	Ca_Desi_LG02	56.846
Ca_Desi_SNP1005	[T/G]	Ca_Desi_LG02	57.359
Ca_Desi_SNP1006	[C/T]	Ca_Desi_LG02	57.412
Ca_Desi_SNP1007	[C/A]	Ca_Desi_LG02	57.551
Ca_Desi_SNP1008	[A/T]	Ca_Desi_LG02	57.713
Ca_Desi_SNP1009	[G/A]	Ca_Desi_LG02	57.750
Ca_Desi_SNP1010	[T/G]	Ca_Desi_LG02	57.777
Ca_Desi_SNP1011	[A/C]	Ca_Desi_LG02	58.051
Ca_Desi_SNP1012	[G/A]	Ca_Desi_LG02	58.324
Ca_Desi_SNP1013	[A/T]	Ca_Desi_LG02	58.332
Ca_Desi_SNP1014	[G/C]	Ca_Desi_LG02	58.377
Ca_Desi_SNP1015	[A/C]	Ca_Desi_LG02	58.567
Ca_Desi_SNP1016	[T/G]	Ca_Desi_LG02	58.677
Ca_Desi_SNP1017	[C/A]	Ca_Desi_LG02	58.762
Ca_Desi_SNP1018	[T/G]	Ca_Desi_LG02	58.762
Ca_Desi_SNP1019	[C/T]	Ca_Desi_LG02	58.922

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1020	[T/C]	Ca_Desi_LG02	58.949
Ca_Desi_SNP1021	[C/T]	Ca_Desi_LG02	59.223
Ca_Desi_SNP1022	[T/A]	Ca_Desi_LG02	59.346
Ca_Desi_SNP1023	[T/A]	Ca_Desi_LG02	59.390
Ca_Desi_SNP1024	[T/A]	Ca_Desi_LG02	59.450
Ca_Desi_SNP1025	[T/G]	Ca_Desi_LG02	59.468
Ca_Desi_SNP1026	[A/C]	Ca_Desi_LG02	59.628
Ca_Desi_SNP1027	[C/G]	Ca_Desi_LG02	59.686
Ca_Desi_SNP1028	[T/C]	Ca_Desi_LG02	59.829
Ca_Desi_SNP1029	[A/G]	Ca_Desi_LG02	59.951
Ca_Desi_SNP1030	[C/A]	Ca_Desi_LG02	59.959
Ca_Desi_SNP1031	[T/C]	Ca_Desi_LG02	60.029
Ca_Desi_SNP1032	[C/T]	Ca_Desi_LG02	60.051
Ca_Desi_SNP1033	[G/A]	Ca_Desi_LG02	60.245
Ca_Desi_SNP1034	[T/A]	Ca_Desi_LG02	60.455
Ca_Desi_SNP1035	[A/G]	Ca_Desi_LG02	60.602
Ca_Desi_SNP1036	[T/A]	Ca_Desi_LG02	60.686
Ca_Desi_SNP1037	[G/T]	Ca_Desi_LG02	60.867
Ca_Desi_SNP1038	[T/C]	Ca_Desi_LG02	60.894
Ca_Desi_SNP1039	[T/G]	Ca_Desi_LG02	60.983
Ca_Desi_SNP1040	[A/G]	Ca_Desi_LG02	61.095
Ca_Desi_SNP1041	[G/A]	Ca_Desi_LG02	61.202
Ca_Desi_SNP1042	[G/T]	Ca_Desi_LG02	61.380
Ca_Desi_SNP1043	[G/A]	Ca_Desi_LG02	61.623
Ca_Desi_SNP1044	[G/T]	Ca_Desi_LG02	61.640
Ca_Desi_SNP1045	[C/T]	Ca_Desi_LG02	61.801
Ca_Desi_SNP1046	[A/G]	Ca_Desi_LG02	62.123
Ca_Desi_SNP1047	[C/T]	Ca_Desi_LG02	62.540
Ca_Desi_SNP1048	[A/G]	Ca_Desi_LG02	62.579
Ca_Desi_SNP1049	[T/C]	Ca_Desi_LG02	62.887
Ca_Desi_SNP1050	[C/A]	Ca_Desi_LG02	63.252

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1051	[G/C]	Ca_Desi_LG02	63.283
Ca_Desi_SNP1052	[T/C]	Ca_Desi_LG02	63.294
Ca_Desi_SNP1053	[A/C]	Ca_Desi_LG02	63.480
Ca_Desi_SNP1054	[G/C]	Ca_Desi_LG02	63.596
Ca_Desi_SNP1055	[G/A]	Ca_Desi_LG02	63.960
Ca_Desi_SNP1056	[A/C]	Ca_Desi_LG02	63.979
Ca_Desi_SNP1057	[T/G]	Ca_Desi_LG02	64.504
Ca_Desi_SNP1058	[A/G]	Ca_Desi_LG02	64.966
Ca_Desi_SNP1059	[G/A]	Ca_Desi_LG02	65.037
Ca_Desi_SNP1060	[C/T]	Ca_Desi_LG02	65.170
Ca_Desi_SNP1061	[T/C]	Ca_Desi_LG02	65.331
Ca_Desi_SNP1062	[G/A]	Ca_Desi_LG02	65.342
Ca_Desi_SNP1063	[A/T]	Ca_Desi_LG02	65.470
Ca_Desi_SNP1064	[G/C]	Ca_Desi_LG02	65.752
Ca_Desi_SNP1065	[C/A]	Ca_Desi_LG02	65.898
Ca_Desi_SNP1066	[C/T]	Ca_Desi_LG02	65.927
Ca_Desi_SNP1067	[C/A]	Ca_Desi_LG02	66.023
Ca_Desi_SNP1068	[C/T]	Ca_Desi_LG02	66.216
Ca_Desi_SNP1069	[T/C]	Ca_Desi_LG02	66.261
Ca_Desi_SNP1070	[C/G]	Ca_Desi_LG02	66.323
Ca_Desi_SNP1071	[G/T]	Ca_Desi_LG02	66.454
Ca_Desi_SNP1072	[A/G]	Ca_Desi_LG02	66.487
Ca_Desi_SNP1073	[T/G]	Ca_Desi_LG02	66.489
Ca_Desi_SNP1074	[G/A]	Ca_Desi_LG02	66.676
Ca_Desi_SNP1075	[T/G]	Ca_Desi_LG02	66.885
Ca_Desi_SNP1076	[C/T]	Ca_Desi_LG02	66.944
Ca_Desi_SNP1077	[A/G]	Ca_Desi_LG02	67.180
Ca_Desi_SNP1078	[T/C]	Ca_Desi_LG02	67.189
Ca_Desi_SNP1079	[C/A]	Ca_Desi_LG02	67.473
Ca_Desi_SNP1080	[T/C]	Ca_Desi_LG02	68.055
Ca_Desi_SNP1081	[T/G]	Ca_Desi_LG02	68.116

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1082	[C/G]	Ca_Desi_LG02	68.176
Ca_Desi_SNP1083	[A/C]	Ca_Desi_LG02	68.702
Ca_Desi_SNP1084	[G/A]	Ca_Desi_LG02	69.229
Ca_Desi_SNP1085	[T/C]	Ca_Desi_LG02	69.305
Ca_Desi_SNP1086	[A/T]	Ca_Desi_LG02	69.517
Ca_Desi_SNP1087	[C/A]	Ca_Desi_LG02	70.652
Ca_Desi_SNP1088	[T/C]	Ca_Desi_LG02	71.220
Ca_Desi_SNP1089	[G/A]	Ca_Desi_LG02	71.426
Ca_Desi_SNP1090	[T/C]	Ca_Desi_LG02	71.617
Ca_Desi_SNP1091	[T/C]	Ca_Desi_LG02	72.225
Ca_Desi_SNP1092	[G/T]	Ca_Desi_LG02	72.553
Ca_Desi_SNP1093	[T/G]	Ca_Desi_LG02	72.650
Ca_Desi_SNP1094	[G/A]	Ca_Desi_LG02	72.651
Ca_Desi_SNP1095	[T/C]	Ca_Desi_LG02	72.654
Ca_Desi_SNP1096	[A/G]	Ca_Desi_LG02	72.858
Ca_Desi_SNP1097	[T/C]	Ca_Desi_LG02	73.001
Ca_Desi_SNP1098	[T/G]	Ca_Desi_LG02	73.106
Ca_Desi_SNP1099	[T/C]	Ca_Desi_LG02	73.744
Ca_Desi_SNP1100	[T/G]	Ca_Desi_LG02	73.919
Ca_Desi_SNP1101	[A/T]	Ca_Desi_LG02	74.938
Ca_Desi_SNP1102	[T/G]	Ca_Desi_LG02	75.118
Ca_Desi_SNP1103	[T/G]	Ca_Desi_LG02	75.188
Ca_Desi_SNP1104	[A/C]	Ca_Desi_LG02	75.481
Ca_Desi_SNP1105	[A/G]	Ca_Desi_LG02	75.564
Ca_Desi_SNP1106	[G/A]	Ca_Desi_LG02	75.604
Ca_Desi_SNP1107	[A/G]	Ca_Desi_LG02	76.236
Ca_Desi_SNP1108	[T/C]	Ca_Desi_LG02	76.299
Ca_Desi_SNP1109	[T/C]	Ca_Desi_LG02	76.413
Ca_Desi_SNP1110	[T/G]	Ca_Desi_LG02	77.015
Ca_Desi_SNP1111	[A/C]	Ca_Desi_LG02	77.413
Ca_Desi_SNP1112	[G/A]	Ca_Desi_LG02	78.259

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1113	[A/G]	Ca_Desi_LG02	80.057
Ca_Desi_SNP1114	[T/C]	Ca_Desi_LG02	80.649
Ca_Desi_SNP1115	[T/C]	Ca_Desi_LG02	81.060
Ca_Desi_SNP1116	[A/G]	Ca_Desi_LG02	81.772
Ca_Desi_SNP1117	[G/A]	Ca_Desi_LG02	81.851
Ca_Desi_SNP1118	[G/A]	Ca_Desi_LG02	82.194
Ca_Desi_SNP1119	[T/A]	Ca_Desi_LG02	82.517
Ca_Desi_SNP1120	[T/G]	Ca_Desi_LG02	82.886
Ca_Desi_SNP1121	[A/G]	Ca_Desi_LG02	83.282
Ca_Desi_SNP1122	[T/G]	Ca_Desi_LG02	85.662
Ca_Desi_SNP1123	[A/C]	Ca_Desi_LG03	0.000
Ca_Desi_SNP1124	[A/G]	Ca_Desi_LG03	0.042
Ca_Desi_SNP1125	[A/G]	Ca_Desi_LG03	0.388
Ca_Desi_SNP1126	[G/A]	Ca_Desi_LG03	0.565
Ca_Desi_SNP1127	[C/T]	Ca_Desi_LG03	0.622
Ca_Desi_SNP1128	[A/C]	Ca_Desi_LG03	1.412
Ca_Desi_SNP1129	[T/C]	Ca_Desi_LG03	2.133
Ca_Desi_SNP1130	[T/C]	Ca_Desi_LG03	2.815
Ca_Desi_SNP1131	[T/G]	Ca_Desi_LG03	3.631
Ca_Desi_SNP1132	[G/A]	Ca_Desi_LG03	3.906
Ca_Desi_SNP1133	[C/A]	Ca_Desi_LG03	3.909
Ca_Desi_SNP1134	[A/G]	Ca_Desi_LG03	4.790
Ca_Desi_SNP1135	[C/T]	Ca_Desi_LG03	5.127
Ca_Desi_SNP1136	[C/T]	Ca_Desi_LG03	5.285
Ca_Desi_SNP1137	[T/G]	Ca_Desi_LG03	6.550
Ca_Desi_SNP1138	[A/G]	Ca_Desi_LG03	6.609
Ca_Desi_SNP1139	[A/T]	Ca_Desi_LG03	6.847
Ca_Desi_SNP1140	[T/G]	Ca_Desi_LG03	7.583
Ca_Desi_SNP1141	[T/C]	Ca_Desi_LG03	7.885
Ca_Desi_SNP1142	[T/C]	Ca_Desi_LG03	7.896
Ca_Desi_SNP1143	[A/T]	Ca_Desi_LG03	8.022

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1144	[A/C]	Ca_Desi_LG03	8.417
Ca_Desi_SNP1145	[T/C]	Ca_Desi_LG03	8.777
Ca_Desi_SNP1146	[T/A]	Ca_Desi_LG03	8.906
Ca_Desi_SNP1147	[T/G]	Ca_Desi_LG03	9.661
Ca_Desi_SNP1148	[A/G]	Ca_Desi_LG03	10.182
Ca_Desi_SNP1149	[T/C]	Ca_Desi_LG03	10.278
Ca_Desi_SNP1150	[A/C]	Ca_Desi_LG03	10.368
Ca_Desi_SNP1151	[T/C]	Ca_Desi_LG03	11.047
Ca_Desi_SNP1152	[A/G]	Ca_Desi_LG03	11.064
Ca_Desi_SNP1153	[G/A]	Ca_Desi_LG03	11.104
Ca_Desi_SNP1154	[T/C]	Ca_Desi_LG03	11.186
Ca_Desi_SNP1155	[A/G]	Ca_Desi_LG03	11.221
Ca_Desi_SNP1156	[T/C]	Ca_Desi_LG03	11.927
Ca_Desi_SNP1157	[C/T]	Ca_Desi_LG03	11.982
Ca_Desi_SNP1158	[C/A]	Ca_Desi_LG03	12.864
Ca_Desi_SNP1159	[C/T]	Ca_Desi_LG03	13.115
Ca_Desi_SNP1160	[G/A]	Ca_Desi_LG03	13.338
Ca_Desi_SNP1161	[A/G]	Ca_Desi_LG03	13.354
Ca_Desi_SNP1162	[A/G]	Ca_Desi_LG03	13.436
Ca_Desi_SNP1163	[T/G]	Ca_Desi_LG03	13.885
Ca_Desi_SNP1164	[C/T]	Ca_Desi_LG03	13.962
Ca_Desi_SNP1165	[A/C]	Ca_Desi_LG03	14.156
Ca_Desi_SNP1166	[T/C]	Ca_Desi_LG03	14.667
Ca_Desi_SNP1167	[T/C]	Ca_Desi_LG03	14.913
Ca_Desi_SNP1168	[C/T]	Ca_Desi_LG03	14.989
Ca_Desi_SNP1169	[T/G]	Ca_Desi_LG03	15.361
Ca_Desi_SNP1170	[T/C]	Ca_Desi_LG03	15.369
Ca_Desi_SNP1171	[A/G]	Ca_Desi_LG03	15.397
Ca_Desi_SNP1172	[T/C]	Ca_Desi_LG03	15.475
Ca_Desi_SNP1173	[A/C]	Ca_Desi_LG03	15.809
Ca_Desi_SNP1174	[T/G]	Ca_Desi_LG03	15.870

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1175	[A/G]	Ca_Desi_LG03	15.898
Ca_Desi_SNP1176	[C/T]	Ca_Desi_LG03	15.980
Ca_Desi_SNP1177	[A/G]	Ca_Desi_LG03	15.981
Ca_Desi_SNP1178	[A/G]	Ca_Desi_LG03	16.225
Ca_Desi_SNP1179	[T/G]	Ca_Desi_LG03	16.230
Ca_Desi_SNP1180	[T/C]	Ca_Desi_LG03	16.428
Ca_Desi_SNP1181	[C/T]	Ca_Desi_LG03	16.583
Ca_Desi_SNP1182	[T/A]	Ca_Desi_LG03	16.856
Ca_Desi_SNP1183	[C/A]	Ca_Desi_LG03	17.280
Ca_Desi_SNP1184	[A/G]	Ca_Desi_LG03	17.344
Ca_Desi_SNP1185	[A/G]	Ca_Desi_LG03	17.349
Ca_Desi_SNP1186	[A/G]	Ca_Desi_LG03	17.402
Ca_Desi_SNP1187	[A/G]	Ca_Desi_LG03	17.404
Ca_Desi_SNP1188	[T/G]	Ca_Desi_LG03	17.447
Ca_Desi_SNP1189	[C/G]	Ca_Desi_LG03	17.620
Ca_Desi_SNP1190	[T/A]	Ca_Desi_LG03	18.070
Ca_Desi_SNP1191	[A/G]	Ca_Desi_LG03	18.071
Ca_Desi_SNP1192	[C/T]	Ca_Desi_LG03	18.164
Ca_Desi_SNP1193	[C/G]	Ca_Desi_LG03	18.172
Ca_Desi_SNP1194	[T/C]	Ca_Desi_LG03	18.362
Ca_Desi_SNP1195	[T/G]	Ca_Desi_LG03	18.554
Ca_Desi_SNP1196	[A/G]	Ca_Desi_LG03	18.574
Ca_Desi_SNP1197	[A/T]	Ca_Desi_LG03	18.641
Ca_Desi_SNP1198	[A/G]	Ca_Desi_LG03	18.685
Ca_Desi_SNP1199	[C/A]	Ca_Desi_LG03	19.083
Ca_Desi_SNP1200	[A/G]	Ca_Desi_LG03	19.088
Ca_Desi_SNP1201	[T/G]	Ca_Desi_LG03	19.092
Ca_Desi_SNP1202	[G/A]	Ca_Desi_LG03	19.132
Ca_Desi_SNP1203	[T/C]	Ca_Desi_LG03	19.244
Ca_Desi_SNP1204	[G/A]	Ca_Desi_LG03	19.666
Ca_Desi_SNP1205	[T/C]	Ca_Desi_LG03	19.757



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1206	[T/G]	Ca_Desi_LG03	19.906
Ca_Desi_SNP1207	[G/T]	Ca_Desi_LG03	20.059
Ca_Desi_SNP1208	[C/T]	Ca_Desi_LG03	20.158
Ca_Desi_SNP1209	[C/A]	Ca_Desi_LG03	20.223
Ca_Desi_SNP1210	[C/A]	Ca_Desi_LG03	20.732
Ca_Desi_SNP1211	[C/T]	Ca_Desi_LG03	20.977
Ca_Desi_SNP1212	[G/A]	Ca_Desi_LG03	21.043
Ca_Desi_SNP1213	[A/C]	Ca_Desi_LG03	21.209
Ca_Desi_SNP1214	[G/A]	Ca_Desi_LG03	21.351
Ca_Desi_SNP1215	[T/A]	Ca_Desi_LG03	21.447
Ca_Desi_SNP1216	[G/T]	Ca_Desi_LG03	21.495
Ca_Desi_SNP1217	[G/T]	Ca_Desi_LG03	21.615
Ca_Desi_SNP1218	[A/G]	Ca_Desi_LG03	21.832
Ca_Desi_SNP1219	[T/C]	Ca_Desi_LG03	21.875
Ca_Desi_SNP1220	[T/G]	Ca_Desi_LG03	21.901
Ca_Desi_SNP1221	[C/T]	Ca_Desi_LG03	22.008
Ca_Desi_SNP1222	[C/A]	Ca_Desi_LG03	22.022
Ca_Desi_SNP1223	[T/G]	Ca_Desi_LG03	22.161
Ca_Desi_SNP1224	[G/A]	Ca_Desi_LG03	22.180
Ca_Desi_SNP1225	[T/A]	Ca_Desi_LG03	22.423
Ca_Desi_SNP1226	[T/G]	Ca_Desi_LG03	22.536
Ca_Desi_SNP1227	[A/G]	Ca_Desi_LG03	22.595
Ca_Desi_SNP1228	[A/C]	Ca_Desi_LG03	22.679
Ca_Desi_SNP1229	[T/C]	Ca_Desi_LG03	22.693
Ca_Desi_SNP1230	[T/C]	Ca_Desi_LG03	22.728
Ca_Desi_SNP1231	[A/C]	Ca_Desi_LG03	22.846
Ca_Desi_SNP1232	[A/C]	Ca_Desi_LG03	22.995
Ca_Desi_SNP1233	[T/C]	Ca_Desi_LG03	23.095
Ca_Desi_SNP1234	[A/G]	Ca_Desi_LG03	23.231
Ca_Desi_SNP1235	[A/G]	Ca_Desi_LG03	23.383
Ca_Desi_SNP1236	[C/T]	Ca_Desi_LG03	23.412

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1237	[A/C]	Ca_Desi_LG03	23.508
Ca_Desi_SNP1238	[C/T]	Ca_Desi_LG03	23.565
Ca_Desi_SNP1239	[T/C]	Ca_Desi_LG03	23.747
Ca_Desi_SNP1240	[T/C]	Ca_Desi_LG03	23.787
Ca_Desi_SNP1241	[C/A]	Ca_Desi_LG03	23.974
Ca_Desi_SNP1242	[T/C]	Ca_Desi_LG03	24.024
Ca_Desi_SNP1243	[C/T]	Ca_Desi_LG03	24.185
Ca_Desi_SNP1244	[T/G]	Ca_Desi_LG03	24.399
Ca_Desi_SNP1245	[A/G]	Ca_Desi_LG03	25.059
Ca_Desi_SNP1246	[A/C]	Ca_Desi_LG03	25.076
Ca_Desi_SNP1247	[T/C]	Ca_Desi_LG03	25.216
Ca_Desi_SNP1248	[T/C]	Ca_Desi_LG03	25.237
Ca_Desi_SNP1249	[T/G]	Ca_Desi_LG03	25.599
Ca_Desi_SNP1250	[G/T]	Ca_Desi_LG03	25.777
Ca_Desi_SNP1251	[T/C]	Ca_Desi_LG03	26.358
Ca_Desi_SNP1252	[T/C]	Ca_Desi_LG03	26.535
Ca_Desi_SNP1253	[T/A]	Ca_Desi_LG03	26.536
Ca_Desi_SNP1254	[A/C]	Ca_Desi_LG03	26.582
Ca_Desi_SNP1255	[T/G]	Ca_Desi_LG03	26.736
Ca_Desi_SNP1256	[C/A]	Ca_Desi_LG03	26.968
Ca_Desi_SNP1257	[G/T]	Ca_Desi_LG03	27.014
Ca_Desi_SNP1258	[A/G]	Ca_Desi_LG03	27.071
Ca_Desi_SNP1259	[A/T]	Ca_Desi_LG03	27.143
Ca_Desi_SNP1260	[T/C]	Ca_Desi_LG03	27.197
Ca_Desi_SNP1261	[A/C]	Ca_Desi_LG03	27.359
Ca_Desi_SNP1262	[A/G]	Ca_Desi_LG03	27.454
Ca_Desi_SNP1263	[C/A]	Ca_Desi_LG03	27.480
Ca_Desi_SNP1264	[A/G]	Ca_Desi_LG03	27.506
Ca_Desi_SNP1265	[A/G]	Ca_Desi_LG03	27.526
Ca_Desi_SNP1266	[T/A]	Ca_Desi_LG03	27.560
Ca_Desi_SNP1267	[A/G]	Ca_Desi_LG03	27.583

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1268	[T/C]	Ca_Desi_LG03	27.704
Ca_Desi_SNP1269	[C/T]	Ca_Desi_LG03	27.891
Ca_Desi_SNP1270	[T/G]	Ca_Desi_LG03	27.953
Ca_Desi_SNP1271	[G/A]	Ca_Desi_LG03	28.006
Ca_Desi_SNP1272	[G/T]	Ca_Desi_LG03	28.017
Ca_Desi_SNP1273	[A/G]	Ca_Desi_LG03	28.035
Ca_Desi_SNP1274	[C/T]	Ca_Desi_LG03	28.451
Ca_Desi_SNP1275	[G/T]	Ca_Desi_LG03	28.511
Ca_Desi_SNP1276	[A/T]	Ca_Desi_LG03	28.563
Ca_Desi_SNP1277	[A/G]	Ca_Desi_LG03	28.631
Ca_Desi_SNP1278	[T/A]	Ca_Desi_LG03	28.706
Ca_Desi_SNP1279	[G/A]	Ca_Desi_LG03	29.153
Ca_Desi_SNP1280	[A/C]	Ca_Desi_LG03	29.357
Ca_Desi_SNP1281	[A/G]	Ca_Desi_LG03	29.407
Ca_Desi_SNP1282	[A/C]	Ca_Desi_LG03	29.820
Ca_Desi_SNP1283	[A/G]	Ca_Desi_LG03	29.869
Ca_Desi_SNP1284	[T/C]	Ca_Desi_LG03	30.261
Ca_Desi_SNP1285	[T/C]	Ca_Desi_LG03	30.305
Ca_Desi_SNP1286	[T/G]	Ca_Desi_LG03	30.512
Ca_Desi_SNP1287	[T/G]	Ca_Desi_LG03	30.670
Ca_Desi_SNP1288	[A/C]	Ca_Desi_LG03	31.041
Ca_Desi_SNP1289	[T/G]	Ca_Desi_LG03	31.055
Ca_Desi_SNP1290	[T/C]	Ca_Desi_LG03	31.179
Ca_Desi_SNP1291	[A/G]	Ca_Desi_LG03	31.261
Ca_Desi_SNP1292	[C/A]	Ca_Desi_LG03	31.388
Ca_Desi_SNP1293	[A/G]	Ca_Desi_LG03	31.431
Ca_Desi_SNP1294	[G/T]	Ca_Desi_LG03	31.493
Ca_Desi_SNP1295	[G/T]	Ca_Desi_LG03	31.509
Ca_Desi_SNP1296	[G/T]	Ca_Desi_LG03	31.555
Ca_Desi_SNP1297	[A/C]	Ca_Desi_LG03	31.767
Ca_Desi_SNP1298	[G/C]	Ca_Desi_LG03	31.841

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1299	[G/A]	Ca_Desi_LG03	31.878
Ca_Desi_SNP1300	[A/T]	Ca_Desi_LG03	31.907
Ca_Desi_SNP1301	[A/G]	Ca_Desi_LG03	31.913
Ca_Desi_SNP1302	[G/T]	Ca_Desi_LG03	32.195
Ca_Desi_SNP1303	[T/G]	Ca_Desi_LG03	32.207
Ca_Desi_SNP1304	[C/T]	Ca_Desi_LG03	32.480
Ca_Desi_SNP1305	[T/C]	Ca_Desi_LG03	32.627
Ca_Desi_SNP1306	[G/A]	Ca_Desi_LG03	32.689
Ca_Desi_SNP1307	[A/T]	Ca_Desi_LG03	32.857
Ca_Desi_SNP1308	[T/C]	Ca_Desi_LG03	33.217
Ca_Desi_SNP1309	[A/G]	Ca_Desi_LG03	33.321
Ca_Desi_SNP1310	[C/A]	Ca_Desi_LG03	33.602
Ca_Desi_SNP1311	[T/C]	Ca_Desi_LG03	33.626
Ca_Desi_SNP1312	[G/A]	Ca_Desi_LG03	33.652
Ca_Desi_SNP1313	[A/G]	Ca_Desi_LG03	33.822
Ca_Desi_SNP1314	[T/C]	Ca_Desi_LG03	33.922
Ca_Desi_SNP1315	[C/A]	Ca_Desi_LG03	34.070
Ca_Desi_SNP1316	[C/T]	Ca_Desi_LG03	34.268
Ca_Desi_SNP1317	[A/C]	Ca_Desi_LG03	34.440
Ca_Desi_SNP1318	[A/C]	Ca_Desi_LG03	34.449
Ca_Desi_SNP1319	[C/A]	Ca_Desi_LG03	34.458
Ca_Desi_SNP1320	[T/C]	Ca_Desi_LG03	34.475
Ca_Desi_SNP1321	[A/G]	Ca_Desi_LG03	34.675
Ca_Desi_SNP1322	[T/G]	Ca_Desi_LG03	34.753
Ca_Desi_SNP1323	[T/C]	Ca_Desi_LG03	34.897
Ca_Desi_SNP1324	[G/A]	Ca_Desi_LG03	35.072
Ca_Desi_SNP1325	[A/G]	Ca_Desi_LG03	35.729
Ca_Desi_SNP1326	[A/C]	Ca_Desi_LG03	35.994
Ca_Desi_SNP1327	[C/T]	Ca_Desi_LG03	36.007
Ca_Desi_SNP1328	[G/A]	Ca_Desi_LG03	36.130
Ca_Desi_SNP1329	[A/C]	Ca_Desi_LG03	36.155

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1330	[C/T]	Ca_Desi_LG03	36.189
Ca_Desi_SNP1331	[T/C]	Ca_Desi_LG03	36.211
Ca_Desi_SNP1332	[G/A]	Ca_Desi_LG03	36.309
Ca_Desi_SNP1333	[A/G]	Ca_Desi_LG03	36.368
Ca_Desi_SNP1334	[T/G]	Ca_Desi_LG03	36.372
Ca_Desi_SNP1335	[T/A]	Ca_Desi_LG03	36.510
Ca_Desi_SNP1336	[A/G]	Ca_Desi_LG03	36.649
Ca_Desi_SNP1337	[T/C]	Ca_Desi_LG03	36.652
Ca_Desi_SNP1338	[T/C]	Ca_Desi_LG03	36.704
Ca_Desi_SNP1339	[T/C]	Ca_Desi_LG03	36.959
Ca_Desi_SNP1340	[G/C]	Ca_Desi_LG03	37.072
Ca_Desi_SNP1341	[G/T]	Ca_Desi_LG03	37.227
Ca_Desi_SNP1342	[C/T]	Ca_Desi_LG03	37.253
Ca_Desi_SNP1343	[A/G]	Ca_Desi_LG03	37.311
Ca_Desi_SNP1344	[G/T]	Ca_Desi_LG03	37.372
Ca_Desi_SNP1345	[G/A]	Ca_Desi_LG03	37.438
Ca_Desi_SNP1346	[A/C]	Ca_Desi_LG03	37.539
Ca_Desi_SNP1347	[T/C]	Ca_Desi_LG03	37.574
Ca_Desi_SNP1348	[T/A]	Ca_Desi_LG03	37.589
Ca_Desi_SNP1349	[C/T]	Ca_Desi_LG03	37.635
Ca_Desi_SNP1350	[G/A]	Ca_Desi_LG03	38.025
Ca_Desi_SNP1351	[A/G]	Ca_Desi_LG03	38.235
Ca_Desi_SNP1352	[T/G]	Ca_Desi_LG03	38.362
Ca_Desi_SNP1353	[T/C]	Ca_Desi_LG03	38.464
Ca_Desi_SNP1354	[A/C]	Ca_Desi_LG03	38.510
Ca_Desi_SNP1355	[T/C]	Ca_Desi_LG03	38.673
Ca_Desi_SNP1356	[C/T]	Ca_Desi_LG03	38.753
Ca_Desi_SNP1357	[C/A]	Ca_Desi_LG03	38.855
Ca_Desi_SNP1358	[T/C]	Ca_Desi_LG03	38.879
Ca_Desi_SNP1359	[A/C]	Ca_Desi_LG03	39.084
Ca_Desi_SNP1360	[C/G]	Ca_Desi_LG03	39.456

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1361	[C/T]	Ca_Desi_LG03	39.533
Ca_Desi_SNP1362	[A/C]	Ca_Desi_LG03	39.543
Ca_Desi_SNP1363	[A/G]	Ca_Desi_LG03	39.849
Ca_Desi_SNP1364	[G/A]	Ca_Desi_LG03	39.858
Ca_Desi_SNP1365	[T/G]	Ca_Desi_LG03	40.054
Ca_Desi_SNP1366	[A/G]	Ca_Desi_LG03	40.095
Ca_Desi_SNP1367	[T/G]	Ca_Desi_LG03	40.204
Ca_Desi_SNP1368	[G/T]	Ca_Desi_LG03	40.220
Ca_Desi_SNP1369	[A/C]	Ca_Desi_LG03	40.405
Ca_Desi_SNP1370	[C/A]	Ca_Desi_LG03	40.439
Ca_Desi_SNP1371	[A/T]	Ca_Desi_LG03	40.454
Ca_Desi_SNP1372	[T/C]	Ca_Desi_LG03	40.483
Ca_Desi_SNP1373	[G/T]	Ca_Desi_LG03	40.586
Ca_Desi_SNP1374	[T/A]	Ca_Desi_LG03	40.700
Ca_Desi_SNP1375	[G/C]	Ca_Desi_LG03	40.765
Ca_Desi_SNP1376	[C/T]	Ca_Desi_LG03	40.768
Ca_Desi_SNP1377	[A/C]	Ca_Desi_LG03	40.972
Ca_Desi_SNP1378	[G/A]	Ca_Desi_LG03	41.143
Ca_Desi_SNP1379	[C/T]	Ca_Desi_LG03	41.169
Ca_Desi_SNP1380	[G/A]	Ca_Desi_LG03	41.228
Ca_Desi_SNP1381	[T/G]	Ca_Desi_LG03	41.229
Ca_Desi_SNP1382	[A/G]	Ca_Desi_LG03	41.513
Ca_Desi_SNP1383	[G/A]	Ca_Desi_LG03	41.589
Ca_Desi_SNP1384	[T/C]	Ca_Desi_LG03	41.630
Ca_Desi_SNP1385	[G/A]	Ca_Desi_LG03	41.631
Ca_Desi_SNP1386	[A/T]	Ca_Desi_LG03	41.668
Ca_Desi_SNP1387	[C/A]	Ca_Desi_LG03	41.698
Ca_Desi_SNP1388	[G/A]	Ca_Desi_LG03	41.812
Ca_Desi_SNP1389	[T/C]	Ca_Desi_LG03	41.890
Ca_Desi_SNP1390	[T/C]	Ca_Desi_LG03	41.996
Ca_Desi_SNP1391	[G/T]	Ca_Desi_LG03	42.003

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1392	[T/G]	Ca_Desi_LG03	42.050
Ca_Desi_SNP1393	[T/C]	Ca_Desi_LG03	42.098
Ca_Desi_SNP1394	[T/G]	Ca_Desi_LG03	42.263
Ca_Desi_SNP1395	[A/G]	Ca_Desi_LG03	42.332
Ca_Desi_SNP1396	[A/C]	Ca_Desi_LG03	42.344
Ca_Desi_SNP1397	[T/G]	Ca_Desi_LG03	42.481
Ca_Desi_SNP1398	[T/G]	Ca_Desi_LG03	42.482
Ca_Desi_SNP1399	[T/C]	Ca_Desi_LG03	42.568
Ca_Desi_SNP1400	[C/T]	Ca_Desi_LG03	42.627
Ca_Desi_SNP1401	[A/G]	Ca_Desi_LG03	42.649
Ca_Desi_SNP1402	[C/A]	Ca_Desi_LG03	42.732
Ca_Desi_SNP1403	[A/C]	Ca_Desi_LG03	42.863
Ca_Desi_SNP1404	[A/G]	Ca_Desi_LG03	42.866
Ca_Desi_SNP1405	[T/G]	Ca_Desi_LG03	42.895
Ca_Desi_SNP1406	[A/C]	Ca_Desi_LG03	42.916
Ca_Desi_SNP1407	[A/C]	Ca_Desi_LG03	42.959
Ca_Desi_SNP1408	[A/T]	Ca_Desi_LG03	43.049
Ca_Desi_SNP1409	[C/T]	Ca_Desi_LG03	43.085
Ca_Desi_SNP1410	[T/C]	Ca_Desi_LG03	43.209
Ca_Desi_SNP1411	[C/T]	Ca_Desi_LG03	43.213
Ca_Desi_SNP1412	[T/C]	Ca_Desi_LG03	43.269
Ca_Desi_SNP1413	[T/G]	Ca_Desi_LG03	43.271
Ca_Desi_SNP1414	[T/G]	Ca_Desi_LG03	43.446
Ca_Desi_SNP1415	[C/T]	Ca_Desi_LG03	43.506
Ca_Desi_SNP1416	[T/G]	Ca_Desi_LG03	43.746
Ca_Desi_SNP1417	[T/C]	Ca_Desi_LG03	43.808
Ca_Desi_SNP1418	[T/G]	Ca_Desi_LG03	43.914
Ca_Desi_SNP1419	[A/G]	Ca_Desi_LG03	44.024
Ca_Desi_SNP1420	[A/C]	Ca_Desi_LG03	44.078
Ca_Desi_SNP1421	[A/G]	Ca_Desi_LG03	44.113
Ca_Desi_SNP1422	[T/C]	Ca_Desi_LG03	44.121

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1423	[T/C]	Ca_Desi_LG03	44.246
Ca_Desi_SNP1424	[G/A]	Ca_Desi_LG03	44.399
Ca_Desi_SNP1425	[C/A]	Ca_Desi_LG03	44.496
Ca_Desi_SNP1426	[A/G]	Ca_Desi_LG03	44.721
Ca_Desi_SNP1427	[A/G]	Ca_Desi_LG03	44.896
Ca_Desi_SNP1428	[C/A]	Ca_Desi_LG03	45.030
Ca_Desi_SNP1429	[A/C]	Ca_Desi_LG03	45.057
Ca_Desi_SNP1430	[T/C]	Ca_Desi_LG03	45.090
Ca_Desi_SNP1431	[G/C]	Ca_Desi_LG03	45.485
Ca_Desi_SNP1432	[T/C]	Ca_Desi_LG03	45.553
Ca_Desi_SNP1433	[G/A]	Ca_Desi_LG03	45.647
Ca_Desi_SNP1434	[T/C]	Ca_Desi_LG03	45.678
Ca_Desi_SNP1435	[A/C]	Ca_Desi_LG03	45.745
Ca_Desi_SNP1436	[T/C]	Ca_Desi_LG03	45.829
Ca_Desi_SNP1437	[T/C]	Ca_Desi_LG03	45.839
Ca_Desi_SNP1438	[A/G]	Ca_Desi_LG03	45.973
Ca_Desi_SNP1439	[T/G]	Ca_Desi_LG03	46.132
Ca_Desi_SNP1440	[T/C]	Ca_Desi_LG03	46.159
Ca_Desi_SNP1441	[C/A]	Ca_Desi_LG03	46.171
Ca_Desi_SNP1442	[T/C]	Ca_Desi_LG03	46.173
Ca_Desi_SNP1443	[A/C]	Ca_Desi_LG03	46.466
Ca_Desi_SNP1444	[T/C]	Ca_Desi_LG03	46.508
Ca_Desi_SNP1445	[A/C]	Ca_Desi_LG03	46.529
Ca_Desi_SNP1446	[A/G]	Ca_Desi_LG03	47.027
Ca_Desi_SNP1447	[T/C]	Ca_Desi_LG03	47.074
Ca_Desi_SNP1448	[A/G]	Ca_Desi_LG03	47.227
Ca_Desi_SNP1449	[T/G]	Ca_Desi_LG03	47.350
Ca_Desi_SNP1450	[A/G]	Ca_Desi_LG03	47.394
Ca_Desi_SNP1451	[T/C]	Ca_Desi_LG03	47.687
Ca_Desi_SNP1452	[G/A]	Ca_Desi_LG03	47.992
Ca_Desi_SNP1453	[A/G]	Ca_Desi_LG03	48.006



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1454	[A/G]	Ca_Desi_LG03	48.027
Ca_Desi_SNP1455	[A/C]	Ca_Desi_LG03	48.038
Ca_Desi_SNP1456	[T/C]	Ca_Desi_LG03	48.114
Ca_Desi_SNP1457	[A/G]	Ca_Desi_LG03	48.302
Ca_Desi_SNP1458	[T/G]	Ca_Desi_LG03	48.313
Ca_Desi_SNP1459	[C/T]	Ca_Desi_LG03	48.353
Ca_Desi_SNP1460	[A/T]	Ca_Desi_LG03	48.583
Ca_Desi_SNP1461	[C/T]	Ca_Desi_LG03	48.923
Ca_Desi_SNP1462	[A/C]	Ca_Desi_LG03	49.068
Ca_Desi_SNP1463	[A/G]	Ca_Desi_LG03	49.174
Ca_Desi_SNP1464	[C/T]	Ca_Desi_LG03	49.373
Ca_Desi_SNP1465	[T/C]	Ca_Desi_LG03	49.404
Ca_Desi_SNP1466	[G/T]	Ca_Desi_LG03	49.717
Ca_Desi_SNP1467	[T/C]	Ca_Desi_LG03	49.973
Ca_Desi_SNP1468	[T/C]	Ca_Desi_LG03	50.032
Ca_Desi_SNP1469	[G/C]	Ca_Desi_LG03	50.155
Ca_Desi_SNP1470	[G/T]	Ca_Desi_LG03	50.176
Ca_Desi_SNP1471	[T/C]	Ca_Desi_LG03	50.212
Ca_Desi_SNP1472	[G/A]	Ca_Desi_LG03	50.290
Ca_Desi_SNP1473	[G/A]	Ca_Desi_LG03	50.387
Ca_Desi_SNP1474	[A/C]	Ca_Desi_LG03	50.445
Ca_Desi_SNP1475	[A/G]	Ca_Desi_LG03	50.489
Ca_Desi_SNP1476	[T/G]	Ca_Desi_LG03	50.548
Ca_Desi_SNP1477	[A/T]	Ca_Desi_LG03	50.660
Ca_Desi_SNP1478	[C/T]	Ca_Desi_LG03	50.771
Ca_Desi_SNP1479	[G/A]	Ca_Desi_LG03	50.792
Ca_Desi_SNP1480	[A/C]	Ca_Desi_LG03	50.832
Ca_Desi_SNP1481	[T/C]	Ca_Desi_LG03	50.983
Ca_Desi_SNP1482	[G/T]	Ca_Desi_LG03	51.327
Ca_Desi_SNP1483	[C/T]	Ca_Desi_LG03	51.953
Ca_Desi_SNP1484	[T/C]	Ca_Desi_LG03	52.068

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1485	[T/C]	Ca_Desi_LG03	52.177
Ca_Desi_SNP1486	[A/G]	Ca_Desi_LG03	52.290
Ca_Desi_SNP1487	[A/T]	Ca_Desi_LG03	52.354
Ca_Desi_SNP1488	[T/C]	Ca_Desi_LG03	52.423
Ca_Desi_SNP1489	[A/C]	Ca_Desi_LG03	52.566
Ca_Desi_SNP1490	[G/T]	Ca_Desi_LG03	52.585
Ca_Desi_SNP1491	[T/A]	Ca_Desi_LG03	52.596
Ca_Desi_SNP1492	[G/A]	Ca_Desi_LG03	53.010
Ca_Desi_SNP1493	[A/T]	Ca_Desi_LG03	53.360
Ca_Desi_SNP1494	[T/A]	Ca_Desi_LG03	53.525
Ca_Desi_SNP1495	[T/C]	Ca_Desi_LG03	53.594
Ca_Desi_SNP1496	[A/C]	Ca_Desi_LG03	53.732
Ca_Desi_SNP1497	[A/G]	Ca_Desi_LG03	53.935
Ca_Desi_SNP1498	[C/A]	Ca_Desi_LG03	54.051
Ca_Desi_SNP1499	[G/T]	Ca_Desi_LG03	54.102
Ca_Desi_SNP1500	[A/C]	Ca_Desi_LG03	54.103
Ca_Desi_SNP1501	[T/G]	Ca_Desi_LG03	54.537
Ca_Desi_SNP1502	[G/A]	Ca_Desi_LG03	54.788
Ca_Desi_SNP1503	[C/A]	Ca_Desi_LG03	54.881
Ca_Desi_SNP1504	[A/C]	Ca_Desi_LG03	54.888
Ca_Desi_SNP1505	[T/C]	Ca_Desi_LG03	54.947
Ca_Desi_SNP1506	[G/T]	Ca_Desi_LG03	54.973
Ca_Desi_SNP1507	[C/A]	Ca_Desi_LG03	55.052
Ca_Desi_SNP1508	[A/C]	Ca_Desi_LG03	55.098
Ca_Desi_SNP1509	[G/T]	Ca_Desi_LG03	55.323
Ca_Desi_SNP1510	[T/G]	Ca_Desi_LG03	55.363
Ca_Desi_SNP1511	[G/A]	Ca_Desi_LG03	55.413
Ca_Desi_SNP1512	[A/C]	Ca_Desi_LG03	55.471
Ca_Desi_SNP1513	[T/G]	Ca_Desi_LG03	55.477
Ca_Desi_SNP1514	[A/C]	Ca_Desi_LG03	55.480
Ca_Desi_SNP1515	[C/T]	Ca_Desi_LG03	55.542

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1516	[T/G]	Ca_Desi_LG03	55.619
Ca_Desi_SNP1517	[T/G]	Ca_Desi_LG03	55.793
Ca_Desi_SNP1518	[G/T]	Ca_Desi_LG03	56.118
Ca_Desi_SNP1519	[A/G]	Ca_Desi_LG03	56.131
Ca_Desi_SNP1520	[A/G]	Ca_Desi_LG03	56.159
Ca_Desi_SNP1521	[C/A]	Ca_Desi_LG03	56.212
Ca_Desi_SNP1522	[G/A]	Ca_Desi_LG03	56.306
Ca_Desi_SNP1523	[G/A]	Ca_Desi_LG03	56.331
Ca_Desi_SNP1524	[C/A]	Ca_Desi_LG03	56.445
Ca_Desi_SNP1525	[T/G]	Ca_Desi_LG03	56.488
Ca_Desi_SNP1526	[A/C]	Ca_Desi_LG03	56.674
Ca_Desi_SNP1527	[A/G]	Ca_Desi_LG03	56.919
Ca_Desi_SNP1528	[G/A]	Ca_Desi_LG03	57.030
Ca_Desi_SNP1529	[A/G]	Ca_Desi_LG03	57.287
Ca_Desi_SNP1530	[C/G]	Ca_Desi_LG03	57.291
Ca_Desi_SNP1531	[G/T]	Ca_Desi_LG03	57.452
Ca_Desi_SNP1532	[A/T]	Ca_Desi_LG03	57.528
Ca_Desi_SNP1533	[A/G]	Ca_Desi_LG03	57.560
Ca_Desi_SNP1534	[A/C]	Ca_Desi_LG03	57.583
Ca_Desi_SNP1535	[G/T]	Ca_Desi_LG03	57.654
Ca_Desi_SNP1536	[T/C]	Ca_Desi_LG03	57.692
Ca_Desi_SNP1537	[G/T]	Ca_Desi_LG03	57.702
Ca_Desi_SNP1538	[T/A]	Ca_Desi_LG03	57.753
Ca_Desi_SNP1539	[G/A]	Ca_Desi_LG03	57.766
Ca_Desi_SNP1540	[A/C]	Ca_Desi_LG03	57.846
Ca_Desi_SNP1541	[A/C]	Ca_Desi_LG03	57.924
Ca_Desi_SNP1542	[G/T]	Ca_Desi_LG03	57.954
Ca_Desi_SNP1543	[T/C]	Ca_Desi_LG03	57.975
Ca_Desi_SNP1544	[A/T]	Ca_Desi_LG03	58.198
Ca_Desi_SNP1545	[C/T]	Ca_Desi_LG03	58.212
Ca_Desi_SNP1546	[A/C]	Ca_Desi_LG03	58.235

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1547	[A/G]	Ca_Desi_LG03	58.450
Ca_Desi_SNP1548	[C/A]	Ca_Desi_LG03	58.561
Ca_Desi_SNP1549	[C/A]	Ca_Desi_LG03	58.674
Ca_Desi_SNP1550	[T/C]	Ca_Desi_LG03	58.683
Ca_Desi_SNP1551	[T/C]	Ca_Desi_LG03	58.690
Ca_Desi_SNP1552	[T/C]	Ca_Desi_LG03	58.788
Ca_Desi_SNP1553	[A/C]	Ca_Desi_LG03	58.856
Ca_Desi_SNP1554	[C/G]	Ca_Desi_LG03	58.871
Ca_Desi_SNP1555	[T/A]	Ca_Desi_LG03	59.015
Ca_Desi_SNP1556	[G/C]	Ca_Desi_LG03	59.069
Ca_Desi_SNP1557	[T/G]	Ca_Desi_LG03	59.354
Ca_Desi_SNP1558	[T/C]	Ca_Desi_LG03	59.365
Ca_Desi_SNP1559	[G/A]	Ca_Desi_LG03	59.415
Ca_Desi_SNP1560	[G/T]	Ca_Desi_LG03	59.451
Ca_Desi_SNP1561	[T/C]	Ca_Desi_LG03	59.489
Ca_Desi_SNP1562	[A/G]	Ca_Desi_LG03	59.590
Ca_Desi_SNP1563	[A/G]	Ca_Desi_LG03	59.714
Ca_Desi_SNP1564	[A/G]	Ca_Desi_LG03	60.360
Ca_Desi_SNP1565	[T/C]	Ca_Desi_LG03	60.412
Ca_Desi_SNP1566	[T/C]	Ca_Desi_LG03	60.818
Ca_Desi_SNP1567	[A/G]	Ca_Desi_LG03	61.023
Ca_Desi_SNP1568	[A/C]	Ca_Desi_LG03	61.121
Ca_Desi_SNP1569	[A/C]	Ca_Desi_LG03	61.147
Ca_Desi_SNP1570	[T/G]	Ca_Desi_LG03	61.500
Ca_Desi_SNP1571	[T/C]	Ca_Desi_LG03	61.561
Ca_Desi_SNP1572	[T/C]	Ca_Desi_LG03	61.599
Ca_Desi_SNP1573	[A/G]	Ca_Desi_LG03	61.777
Ca_Desi_SNP1574	[G/C]	Ca_Desi_LG03	61.824
Ca_Desi_SNP1575	[C/T]	Ca_Desi_LG03	61.835
Ca_Desi_SNP1576	[G/A]	Ca_Desi_LG03	62.021
Ca_Desi_SNP1577	[T/A]	Ca_Desi_LG03	62.031

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1578	[C/T]	Ca_Desi_LG03	62.305
Ca_Desi_SNP1579	[G/C]	Ca_Desi_LG03	62.368
Ca_Desi_SNP1580	[T/C]	Ca_Desi_LG03	62.465
Ca_Desi_SNP1581	[T/G]	Ca_Desi_LG03	62.509
Ca_Desi_SNP1582	[A/G]	Ca_Desi_LG03	62.612
Ca_Desi_SNP1583	[C/T]	Ca_Desi_LG03	62.744
Ca_Desi_SNP1584	[T/G]	Ca_Desi_LG03	62.995
Ca_Desi_SNP1585	[A/G]	Ca_Desi_LG03	63.033
Ca_Desi_SNP1586	[T/G]	Ca_Desi_LG03	63.297
Ca_Desi_SNP1587	[T/A]	Ca_Desi_LG03	63.334
Ca_Desi_SNP1588	[T/C]	Ca_Desi_LG03	63.485
Ca_Desi_SNP1589	[C/T]	Ca_Desi_LG03	63.568
Ca_Desi_SNP1590	[A/C]	Ca_Desi_LG03	63.742
Ca_Desi_SNP1591	[G/T]	Ca_Desi_LG03	63.918
Ca_Desi_SNP1592	[A/G]	Ca_Desi_LG03	63.973
Ca_Desi_SNP1593	[C/A]	Ca_Desi_LG03	64.281
Ca_Desi_SNP1594	[A/G]	Ca_Desi_LG03	64.373
Ca_Desi_SNP1595	[A/C]	Ca_Desi_LG03	64.420
Ca_Desi_SNP1596	[A/C]	Ca_Desi_LG03	64.660
Ca_Desi_SNP1597	[A/G]	Ca_Desi_LG03	64.661
Ca_Desi_SNP1598	[A/G]	Ca_Desi_LG03	64.699
Ca_Desi_SNP1599	[T/C]	Ca_Desi_LG03	64.775
Ca_Desi_SNP1600	[A/G]	Ca_Desi_LG03	64.911
Ca_Desi_SNP1601	[A/C]	Ca_Desi_LG03	65.284
Ca_Desi_SNP1602	[A/C]	Ca_Desi_LG03	65.354
Ca_Desi_SNP1603	[A/T]	Ca_Desi_LG03	65.588
Ca_Desi_SNP1604	[C/T]	Ca_Desi_LG03	65.605
Ca_Desi_SNP1605	[A/T]	Ca_Desi_LG03	65.686
Ca_Desi_SNP1606	[A/G]	Ca_Desi_LG03	65.904
Ca_Desi_SNP1607	[G/T]	Ca_Desi_LG03	66.208
Ca_Desi_SNP1608	[A/G]	Ca_Desi_LG03	66.345

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1609	[T/A]	Ca_Desi_LG03	66.447
Ca_Desi_SNP1610	[G/C]	Ca_Desi_LG03	66.557
Ca_Desi_SNP1611	[A/G]	Ca_Desi_LG03	67.020
Ca_Desi_SNP1612	[T/C]	Ca_Desi_LG03	67.204
Ca_Desi_SNP1613	[T/C]	Ca_Desi_LG03	67.232
Ca_Desi_SNP1614	[A/C]	Ca_Desi_LG03	67.278
Ca_Desi_SNP1615	[A/G]	Ca_Desi_LG03	67.423
Ca_Desi_SNP1616	[C/G]	Ca_Desi_LG03	67.755
Ca_Desi_SNP1617	[A/C]	Ca_Desi_LG03	67.801
Ca_Desi_SNP1618	[A/G]	Ca_Desi_LG03	67.861
Ca_Desi_SNP1619	[G/A]	Ca_Desi_LG03	67.867
Ca_Desi_SNP1620	[A/C]	Ca_Desi_LG03	67.958
Ca_Desi_SNP1621	[T/C]	Ca_Desi_LG03	68.079
Ca_Desi_SNP1622	[C/T]	Ca_Desi_LG03	68.142
Ca_Desi_SNP1623	[G/T]	Ca_Desi_LG03	68.192
Ca_Desi_SNP1624	[G/A]	Ca_Desi_LG03	68.300
Ca_Desi_SNP1625	[T/C]	Ca_Desi_LG03	68.425
Ca_Desi_SNP1626	[T/C]	Ca_Desi_LG03	69.023
Ca_Desi_SNP1627	[C/T]	Ca_Desi_LG03	69.074
Ca_Desi_SNP1628	[C/T]	Ca_Desi_LG03	69.175
Ca_Desi_SNP1629	[G/A]	Ca_Desi_LG03	69.180
Ca_Desi_SNP1630	[A/C]	Ca_Desi_LG03	69.301
Ca_Desi_SNP1631	[T/G]	Ca_Desi_LG03	69.564
Ca_Desi_SNP1632	[T/C]	Ca_Desi_LG03	69.583
Ca_Desi_SNP1633	[T/A]	Ca_Desi_LG03	69.685
Ca_Desi_SNP1634	[G/A]	Ca_Desi_LG03	70.062
Ca_Desi_SNP1635	[G/A]	Ca_Desi_LG03	70.088
Ca_Desi_SNP1636	[G/A]	Ca_Desi_LG03	70.212
Ca_Desi_SNP1637	[C/T]	Ca_Desi_LG03	71.001
Ca_Desi_SNP1638	[A/G]	Ca_Desi_LG03	71.116
Ca_Desi_SNP1639	[T/C]	Ca_Desi_LG03	71.229

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1640	[C/G]	Ca_Desi_LG03	71.266
Ca_Desi_SNP1641	[A/G]	Ca_Desi_LG03	71.664
Ca_Desi_SNP1642	[T/C]	Ca_Desi_LG03	71.815
Ca_Desi_SNP1643	[A/G]	Ca_Desi_LG03	71.971
Ca_Desi_SNP1644	[A/G]	Ca_Desi_LG03	72.091
Ca_Desi_SNP1645	[T/C]	Ca_Desi_LG03	72.129
Ca_Desi_SNP1646	[A/C]	Ca_Desi_LG03	72.228
Ca_Desi_SNP1647	[G/C]	Ca_Desi_LG03	72.445
Ca_Desi_SNP1648	[C/G]	Ca_Desi_LG03	72.758
Ca_Desi_SNP1649	[T/G]	Ca_Desi_LG03	72.966
Ca_Desi_SNP1650	[T/C]	Ca_Desi_LG03	73.031
Ca_Desi_SNP1651	[C/A]	Ca_Desi_LG03	73.304
Ca_Desi_SNP1652	[T/G]	Ca_Desi_LG03	73.662
Ca_Desi_SNP1653	[T/A]	Ca_Desi_LG03	73.879
Ca_Desi_SNP1654	[T/C]	Ca_Desi_LG03	74.345
Ca_Desi_SNP1655	[A/G]	Ca_Desi_LG03	74.424
Ca_Desi_SNP1656	[G/T]	Ca_Desi_LG03	74.794
Ca_Desi_SNP1657	[G/A]	Ca_Desi_LG03	75.763
Ca_Desi_SNP1658	[A/C]	Ca_Desi_LG03	76.174
Ca_Desi_SNP1659	[G/A]	Ca_Desi_LG03	76.280
Ca_Desi_SNP1660	[T/C]	Ca_Desi_LG03	76.350
Ca_Desi_SNP1661	[T/G]	Ca_Desi_LG03	76.412
Ca_Desi_SNP1662	[G/C]	Ca_Desi_LG03	76.463
Ca_Desi_SNP1663	[G/T]	Ca_Desi_LG03	76.500
Ca_Desi_SNP1664	[T/A]	Ca_Desi_LG03	76.699
Ca_Desi_SNP1665	[T/C]	Ca_Desi_LG03	76.872
Ca_Desi_SNP1666	[T/C]	Ca_Desi_LG03	76.979
Ca_Desi_SNP1667	[C/A]	Ca_Desi_LG03	77.398
Ca_Desi_SNP1668	[A/G]	Ca_Desi_LG03	77.559
Ca_Desi_SNP1669	[T/A]	Ca_Desi_LG03	77.765
Ca_Desi_SNP1670	[G/C]	Ca_Desi_LG03	77.810

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1671	[C/T]	Ca_Desi_LG03	78.486
Ca_Desi_SNP1672	[G/A]	Ca_Desi_LG03	78.511
Ca_Desi_SNP1673	[A/G]	Ca_Desi_LG03	78.524
Ca_Desi_SNP1674	[A/G]	Ca_Desi_LG03	78.706
Ca_Desi_SNP1675	[A/G]	Ca_Desi_LG03	78.712
Ca_Desi_SNP1676	[C/A]	Ca_Desi_LG03	78.728
Ca_Desi_SNP1677	[C/G]	Ca_Desi_LG03	78.750
Ca_Desi_SNP1678	[A/C]	Ca_Desi_LG03	78.982
Ca_Desi_SNP1679	[A/C]	Ca_Desi_LG03	78.988
Ca_Desi_SNP1680	[C/T]	Ca_Desi_LG03	79.005
Ca_Desi_SNP1681	[C/A]	Ca_Desi_LG03	79.095
Ca_Desi_SNP1682	[C/A]	Ca_Desi_LG03	79.229
Ca_Desi_SNP1683	[T/C]	Ca_Desi_LG03	79.426
Ca_Desi_SNP1684	[A/G]	Ca_Desi_LG03	79.504
Ca_Desi_SNP1685	[C/T]	Ca_Desi_LG03	79.709
Ca_Desi_SNP1686	[A/G]	Ca_Desi_LG03	79.757
Ca_Desi_SNP1687	[A/G]	Ca_Desi_LG03	79.762
Ca_Desi_SNP1688	[C/T]	Ca_Desi_LG03	80.216
Ca_Desi_SNP1689	[G/A]	Ca_Desi_LG03	80.490
Ca_Desi_SNP1690	[A/G]	Ca_Desi_LG03	80.779
Ca_Desi_SNP1691	[A/G]	Ca_Desi_LG03	81.295
Ca_Desi_SNP1692	[A/G]	Ca_Desi_LG03	81.347
Ca_Desi_SNP1693	[T/C]	Ca_Desi_LG03	81.595
Ca_Desi_SNP1694	[C/T]	Ca_Desi_LG03	81.619
Ca_Desi_SNP1695	[A/G]	Ca_Desi_LG03	81.783
Ca_Desi_SNP1696	[C/T]	Ca_Desi_LG03	81.788
Ca_Desi_SNP1697	[G/T]	Ca_Desi_LG03	81.991
Ca_Desi_SNP1698	[A/G]	Ca_Desi_LG03	82.001
Ca_Desi_SNP1699	[T/A]	Ca_Desi_LG03	82.099
Ca_Desi_SNP1700	[C/T]	Ca_Desi_LG03	82.496
Ca_Desi_SNP1701	[C/T]	Ca_Desi_LG03	82.532



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1702	[T/C]	Ca_Desi_LG03	83.322
Ca_Desi_SNP1703	[A/T]	Ca_Desi_LG03	83.663
Ca_Desi_SNP1704	[T/A]	Ca_Desi_LG03	83.986
Ca_Desi_SNP1705	[G/C]	Ca_Desi_LG03	84.689
Ca_Desi_SNP1706	[A/G]	Ca_Desi_LG03	84.731
Ca_Desi_SNP1707	[T/C]	Ca_Desi_LG03	85.071
Ca_Desi_SNP1708	[C/T]	Ca_Desi_LG03	85.779
Ca_Desi_SNP1709	[C/T]	Ca_Desi_LG03	85.993
Ca_Desi_SNP1710	[A/G]	Ca_Desi_LG04	0.000
Ca_Desi_SNP1711	[T/C]	Ca_Desi_LG04	10.181
Ca_Desi_SNP1712	[G/C]	Ca_Desi_LG04	10.511
Ca_Desi_SNP1713	[T/C]	Ca_Desi_LG04	10.735
Ca_Desi_SNP1714	[A/T]	Ca_Desi_LG04	11.298
Ca_Desi_SNP1715	[G/T]	Ca_Desi_LG04	12.115
Ca_Desi_SNP1716	[T/A]	Ca_Desi_LG04	12.456
Ca_Desi_SNP1717	[C/A]	Ca_Desi_LG04	13.273
Ca_Desi_SNP1718	[T/C]	Ca_Desi_LG04	13.702
Ca_Desi_SNP1719	[T/C]	Ca_Desi_LG04	14.874
Ca_Desi_SNP1720	[T/C]	Ca_Desi_LG04	15.130
Ca_Desi_SNP1721	[G/T]	Ca_Desi_LG04	15.983
Ca_Desi_SNP1722	[G/A]	Ca_Desi_LG04	16.006
Ca_Desi_SNP1723	[G/T]	Ca_Desi_LG04	16.074
Ca_Desi_SNP1724	[A/C]	Ca_Desi_LG04	16.304
Ca_Desi_SNP1725	[C/T]	Ca_Desi_LG04	16.742
Ca_Desi_SNP1726	[G/A]	Ca_Desi_LG04	16.812
Ca_Desi_SNP1727	[C/T]	Ca_Desi_LG04	17.222
Ca_Desi_SNP1728	[T/C]	Ca_Desi_LG04	17.855
Ca_Desi_SNP1729	[T/G]	Ca_Desi_LG04	18.028
Ca_Desi_SNP1730	[G/A]	Ca_Desi_LG04	18.427
Ca_Desi_SNP1731	[A/G]	Ca_Desi_LG04	18.675
Ca_Desi_SNP1732	[T/C]	Ca_Desi_LG04	18.688

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1733	[C/T]	Ca_Desi_LG04	18.859
Ca_Desi_SNP1734	[C/T]	Ca_Desi_LG04	18.999
Ca_Desi_SNP1735	[T/G]	Ca_Desi_LG04	19.170
Ca_Desi_SNP1736	[C/T]	Ca_Desi_LG04	19.374
Ca_Desi_SNP1737	[A/T]	Ca_Desi_LG04	19.467
Ca_Desi_SNP1738	[G/C]	Ca_Desi_LG04	19.483
Ca_Desi_SNP1739	[C/T]	Ca_Desi_LG04	20.158
Ca_Desi_SNP1740	[A/T]	Ca_Desi_LG04	20.221
Ca_Desi_SNP1741	[C/T]	Ca_Desi_LG04	20.302
Ca_Desi_SNP1742	[G/A]	Ca_Desi_LG04	20.484
Ca_Desi_SNP1743	[G/A]	Ca_Desi_LG04	20.511
Ca_Desi_SNP1744	[A/G]	Ca_Desi_LG04	20.935
Ca_Desi_SNP1745	[C/T]	Ca_Desi_LG04	21.144
Ca_Desi_SNP1746	[C/T]	Ca_Desi_LG04	21.272
Ca_Desi_SNP1747	[T/G]	Ca_Desi_LG04	21.285
Ca_Desi_SNP1748	[G/T]	Ca_Desi_LG04	21.503
Ca_Desi_SNP1749	[A/T]	Ca_Desi_LG04	21.757
Ca_Desi_SNP1750	[G/A]	Ca_Desi_LG04	21.848
Ca_Desi_SNP1751	[A/T]	Ca_Desi_LG04	21.851
Ca_Desi_SNP1752	[C/T]	Ca_Desi_LG04	22.037
Ca_Desi_SNP1753	[C/G]	Ca_Desi_LG04	22.104
Ca_Desi_SNP1754	[C/G]	Ca_Desi_LG04	22.163
Ca_Desi_SNP1755	[T/C]	Ca_Desi_LG04	22.198
Ca_Desi_SNP1756	[A/C]	Ca_Desi_LG04	22.224
Ca_Desi_SNP1757	[T/C]	Ca_Desi_LG04	22.238
Ca_Desi_SNP1758	[T/C]	Ca_Desi_LG04	22.539
Ca_Desi_SNP1759	[T/A]	Ca_Desi_LG04	22.632
Ca_Desi_SNP1760	[T/C]	Ca_Desi_LG04	23.095
Ca_Desi_SNP1761	[T/C]	Ca_Desi_LG04	23.267
Ca_Desi_SNP1762	[C/T]	Ca_Desi_LG04	23.269
Ca_Desi_SNP1763	[G/A]	Ca_Desi_LG04	23.343

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1764	[T/C]	Ca_Desi_LG04	23.378
Ca_Desi_SNP1765	[C/T]	Ca_Desi_LG04	23.422
Ca_Desi_SNP1766	[C/A]	Ca_Desi_LG04	23.475
Ca_Desi_SNP1767	[A/G]	Ca_Desi_LG04	23.576
Ca_Desi_SNP1768	[A/G]	Ca_Desi_LG04	23.603
Ca_Desi_SNP1769	[C/T]	Ca_Desi_LG04	23.780
Ca_Desi_SNP1770	[G/A]	Ca_Desi_LG04	23.784
Ca_Desi_SNP1771	[A/G]	Ca_Desi_LG04	24.000
Ca_Desi_SNP1772	[G/T]	Ca_Desi_LG04	24.107
Ca_Desi_SNP1773	[G/C]	Ca_Desi_LG04	24.244
Ca_Desi_SNP1774	[T/C]	Ca_Desi_LG04	24.457
Ca_Desi_SNP1775	[C/A]	Ca_Desi_LG04	24.505
Ca_Desi_SNP1776	[T/C]	Ca_Desi_LG04	24.839
Ca_Desi_SNP1777	[T/C]	Ca_Desi_LG04	25.093
Ca_Desi_SNP1778	[C/T]	Ca_Desi_LG04	25.130
Ca_Desi_SNP1779	[G/A]	Ca_Desi_LG04	25.179
Ca_Desi_SNP1780	[T/C]	Ca_Desi_LG04	25.218
Ca_Desi_SNP1781	[T/C]	Ca_Desi_LG04	25.234
Ca_Desi_SNP1782	[C/T]	Ca_Desi_LG04	25.445
Ca_Desi_SNP1783	[C/T]	Ca_Desi_LG04	25.496
Ca_Desi_SNP1784	[A/G]	Ca_Desi_LG04	25.676
Ca_Desi_SNP1785	[G/A]	Ca_Desi_LG04	25.773
Ca_Desi_SNP1786	[C/G]	Ca_Desi_LG04	25.847
Ca_Desi_SNP1787	[T/A]	Ca_Desi_LG04	25.862
Ca_Desi_SNP1788	[A/G]	Ca_Desi_LG04	25.939
Ca_Desi_SNP1789	[C/G]	Ca_Desi_LG04	26.049
Ca_Desi_SNP1790	[T/C]	Ca_Desi_LG04	26.106
Ca_Desi_SNP1791	[T/C]	Ca_Desi_LG04	26.148
Ca_Desi_SNP1792	[C/G]	Ca_Desi_LG04	26.305
Ca_Desi_SNP1793	[T/A]	Ca_Desi_LG04	26.465
Ca_Desi_SNP1794	[A/G]	Ca_Desi_LG04	26.501

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1795	[G/A]	Ca_Desi_LG04	26.553
Ca_Desi_SNP1796	[G/A]	Ca_Desi_LG04	26.730
Ca_Desi_SNP1797	[C/T]	Ca_Desi_LG04	26.913
Ca_Desi_SNP1798	[T/C]	Ca_Desi_LG04	26.957
Ca_Desi_SNP1799	[T/C]	Ca_Desi_LG04	27.367
Ca_Desi_SNP1800	[G/T]	Ca_Desi_LG04	27.393
Ca_Desi_SNP1801	[A/C]	Ca_Desi_LG04	27.646
Ca_Desi_SNP1802	[T/G]	Ca_Desi_LG04	27.809
Ca_Desi_SNP1803	[A/C]	Ca_Desi_LG04	27.868
Ca_Desi_SNP1804	[G/T]	Ca_Desi_LG04	28.494
Ca_Desi_SNP1805	[G/T]	Ca_Desi_LG04	28.738
Ca_Desi_SNP1806	[A/G]	Ca_Desi_LG04	28.787
Ca_Desi_SNP1807	[G/T]	Ca_Desi_LG04	28.796
Ca_Desi_SNP1808	[A/T]	Ca_Desi_LG04	29.122
Ca_Desi_SNP1809	[G/T]	Ca_Desi_LG04	29.601
Ca_Desi_SNP1810	[A/G]	Ca_Desi_LG04	30.527
Ca_Desi_SNP1811	[G/A]	Ca_Desi_LG04	30.944
Ca_Desi_SNP1812	[A/T]	Ca_Desi_LG04	31.979
Ca_Desi_SNP1813	[G/T]	Ca_Desi_LG04	32.255
Ca_Desi_SNP1814	[T/C]	Ca_Desi_LG04	32.976
Ca_Desi_SNP1815	[G/C]	Ca_Desi_LG04	33.669
Ca_Desi_SNP1816	[A/G]	Ca_Desi_LG04	33.742
Ca_Desi_SNP1817	[A/G]	Ca_Desi_LG04	34.507
Ca_Desi_SNP1818	[T/C]	Ca_Desi_LG04	34.978
Ca_Desi_SNP1819	[A/C]	Ca_Desi_LG04	35.207
Ca_Desi_SNP1820	[A/G]	Ca_Desi_LG04	35.604
Ca_Desi_SNP1821	[A/C]	Ca_Desi_LG04	36.342
Ca_Desi_SNP1822	[A/G]	Ca_Desi_LG04	36.362
Ca_Desi_SNP1823	[A/G]	Ca_Desi_LG04	37.198
Ca_Desi_SNP1824	[G/A]	Ca_Desi_LG04	37.353
Ca_Desi_SNP1825	[T/G]	Ca_Desi_LG04	38.530

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1826	[A/C]	Ca_Desi_LG04	38.966
Ca_Desi_SNP1827	[T/A]	Ca_Desi_LG04	39.302
Ca_Desi_SNP1828	[T/C]	Ca_Desi_LG04	39.319
Ca_Desi_SNP1829	[T/G]	Ca_Desi_LG04	39.380
Ca_Desi_SNP1830	[G/A]	Ca_Desi_LG04	39.451
Ca_Desi_SNP1831	[T/G]	Ca_Desi_LG04	39.648
Ca_Desi_SNP1832	[G/A]	Ca_Desi_LG04	39.921
Ca_Desi_SNP1833	[C/T]	Ca_Desi_LG04	40.115
Ca_Desi_SNP1834	[A/G]	Ca_Desi_LG04	40.386
Ca_Desi_SNP1835	[A/C]	Ca_Desi_LG04	40.401
Ca_Desi_SNP1836	[A/G]	Ca_Desi_LG04	41.152
Ca_Desi_SNP1837	[A/G]	Ca_Desi_LG04	41.203
Ca_Desi_SNP1838	[A/C]	Ca_Desi_LG04	41.381
Ca_Desi_SNP1839	[C/A]	Ca_Desi_LG04	41.421
Ca_Desi_SNP1840	[T/A]	Ca_Desi_LG04	41.524
Ca_Desi_SNP1841	[T/C]	Ca_Desi_LG04	42.254
Ca_Desi_SNP1842	[T/A]	Ca_Desi_LG04	42.717
Ca_Desi_SNP1843	[C/T]	Ca_Desi_LG04	42.994
Ca_Desi_SNP1844	[T/G]	Ca_Desi_LG04	43.310
Ca_Desi_SNP1845	[C/T]	Ca_Desi_LG04	43.450
Ca_Desi_SNP1846	[T/G]	Ca_Desi_LG04	43.508
Ca_Desi_SNP1847	[C/T]	Ca_Desi_LG04	43.518
Ca_Desi_SNP1848	[T/A]	Ca_Desi_LG04	43.534
Ca_Desi_SNP1849	[G/T]	Ca_Desi_LG04	43.584
Ca_Desi_SNP1850	[A/T]	Ca_Desi_LG04	43.618
Ca_Desi_SNP1851	[T/A]	Ca_Desi_LG04	43.641
Ca_Desi_SNP1852	[A/T]	Ca_Desi_LG04	43.692
Ca_Desi_SNP1853	[C/A]	Ca_Desi_LG04	43.735
Ca_Desi_SNP1854	[C/T]	Ca_Desi_LG04	43.786
Ca_Desi_SNP1855	[A/G]	Ca_Desi_LG04	43.799
Ca_Desi_SNP1856	[A/G]	Ca_Desi_LG04	43.947

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1857	[T/C]	Ca_Desi_LG04	43.988
Ca_Desi_SNP1858	[T/C]	Ca_Desi_LG04	44.009
Ca_Desi_SNP1859	[A/G]	Ca_Desi_LG04	44.015
Ca_Desi_SNP1860	[T/G]	Ca_Desi_LG04	44.113
Ca_Desi_SNP1861	[A/C]	Ca_Desi_LG04	44.170
Ca_Desi_SNP1862	[A/G]	Ca_Desi_LG04	44.253
Ca_Desi_SNP1863	[T/C]	Ca_Desi_LG04	44.351
Ca_Desi_SNP1864	[T/A]	Ca_Desi_LG04	44.370
Ca_Desi_SNP1865	[G/A]	Ca_Desi_LG04	44.382
Ca_Desi_SNP1866	[A/G]	Ca_Desi_LG04	44.429
Ca_Desi_SNP1867	[A/C]	Ca_Desi_LG04	44.433
Ca_Desi_SNP1868	[C/A]	Ca_Desi_LG04	44.494
Ca_Desi_SNP1869	[G/A]	Ca_Desi_LG04	44.511
Ca_Desi_SNP1870	[C/A]	Ca_Desi_LG04	44.645
Ca_Desi_SNP1871	[G/A]	Ca_Desi_LG04	44.676
Ca_Desi_SNP1872	[T/C]	Ca_Desi_LG04	44.716
Ca_Desi_SNP1873	[A/T]	Ca_Desi_LG04	44.754
Ca_Desi_SNP1874	[T/C]	Ca_Desi_LG04	44.759
Ca_Desi_SNP1875	[A/C]	Ca_Desi_LG04	44.791
Ca_Desi_SNP1876	[T/C]	Ca_Desi_LG04	44.841
Ca_Desi_SNP1877	[G/T]	Ca_Desi_LG04	44.874
Ca_Desi_SNP1878	[T/G]	Ca_Desi_LG04	44.907
Ca_Desi_SNP1879	[A/G]	Ca_Desi_LG04	44.963
Ca_Desi_SNP1880	[A/C]	Ca_Desi_LG04	45.091
Ca_Desi_SNP1881	[A/C]	Ca_Desi_LG04	45.143
Ca_Desi_SNP1882	[G/A]	Ca_Desi_LG04	45.362
Ca_Desi_SNP1883	[C/T]	Ca_Desi_LG04	45.387
Ca_Desi_SNP1884	[A/T]	Ca_Desi_LG04	45.388
Ca_Desi_SNP1885	[C/T]	Ca_Desi_LG04	45.397
Ca_Desi_SNP1886	[T/A]	Ca_Desi_LG04	45.470
Ca_Desi_SNP1887	[T/C]	Ca_Desi_LG04	45.486

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1888	[T/C]	Ca_Desi_LG04	45.700
Ca_Desi_SNP1889	[A/G]	Ca_Desi_LG04	45.724
Ca_Desi_SNP1890	[G/A]	Ca_Desi_LG04	45.828
Ca_Desi_SNP1891	[A/C]	Ca_Desi_LG04	45.873
Ca_Desi_SNP1892	[C/G]	Ca_Desi_LG04	45.947
Ca_Desi_SNP1893	[C/T]	Ca_Desi_LG04	45.994
Ca_Desi_SNP1894	[G/A]	Ca_Desi_LG04	46.016
Ca_Desi_SNP1895	[T/A]	Ca_Desi_LG04	46.053
Ca_Desi_SNP1896	[G/A]	Ca_Desi_LG04	46.122
Ca_Desi_SNP1897	[C/G]	Ca_Desi_LG04	46.144
Ca_Desi_SNP1898	[T/A]	Ca_Desi_LG04	46.460
Ca_Desi_SNP1899	[C/A]	Ca_Desi_LG04	46.573
Ca_Desi_SNP1900	[T/G]	Ca_Desi_LG04	46.820
Ca_Desi_SNP1901	[T/C]	Ca_Desi_LG04	46.899
Ca_Desi_SNP1902	[G/A]	Ca_Desi_LG04	46.899
Ca_Desi_SNP1903	[T/G]	Ca_Desi_LG04	47.110
Ca_Desi_SNP1904	[T/C]	Ca_Desi_LG04	47.123
Ca_Desi_SNP1905	[A/G]	Ca_Desi_LG04	47.162
Ca_Desi_SNP1906	[A/T]	Ca_Desi_LG04	47.236
Ca_Desi_SNP1907	[T/C]	Ca_Desi_LG04	47.259
Ca_Desi_SNP1908	[C/T]	Ca_Desi_LG04	47.474
Ca_Desi_SNP1909	[C/A]	Ca_Desi_LG04	47.538
Ca_Desi_SNP1910	[A/G]	Ca_Desi_LG04	47.538
Ca_Desi_SNP1911	[C/A]	Ca_Desi_LG04	47.566
Ca_Desi_SNP1912	[T/C]	Ca_Desi_LG04	47.572
Ca_Desi_SNP1913	[G/A]	Ca_Desi_LG04	47.584
Ca_Desi_SNP1914	[A/G]	Ca_Desi_LG04	47.605
Ca_Desi_SNP1915	[C/T]	Ca_Desi_LG04	47.641
Ca_Desi_SNP1916	[G/A]	Ca_Desi_LG04	47.693
Ca_Desi_SNP1917	[A/T]	Ca_Desi_LG04	47.696
Ca_Desi_SNP1918	[A/C]	Ca_Desi_LG04	47.757

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1919	[T/A]	Ca_Desi_LG04	47.766
Ca_Desi_SNP1920	[A/G]	Ca_Desi_LG04	47.769
Ca_Desi_SNP1921	[C/A]	Ca_Desi_LG04	47.822
Ca_Desi_SNP1922	[G/T]	Ca_Desi_LG04	47.879
Ca_Desi_SNP1923	[C/A]	Ca_Desi_LG04	48.018
Ca_Desi_SNP1924	[G/T]	Ca_Desi_LG04	48.045
Ca_Desi_SNP1925	[C/T]	Ca_Desi_LG04	48.048
Ca_Desi_SNP1926	[G/A]	Ca_Desi_LG04	48.085
Ca_Desi_SNP1927	[G/A]	Ca_Desi_LG04	48.131
Ca_Desi_SNP1928	[T/A]	Ca_Desi_LG04	48.147
Ca_Desi_SNP1929	[T/A]	Ca_Desi_LG04	48.152
Ca_Desi_SNP1930	[G/T]	Ca_Desi_LG04	48.178
Ca_Desi_SNP1931	[A/G]	Ca_Desi_LG04	48.197
Ca_Desi_SNP1932	[T/G]	Ca_Desi_LG04	48.201
Ca_Desi_SNP1933	[G/T]	Ca_Desi_LG04	48.263
Ca_Desi_SNP1934	[G/A]	Ca_Desi_LG04	48.266
Ca_Desi_SNP1935	[T/G]	Ca_Desi_LG04	48.279
Ca_Desi_SNP1936	[T/C]	Ca_Desi_LG04	48.328
Ca_Desi_SNP1937	[A/G]	Ca_Desi_LG04	48.442
Ca_Desi_SNP1938	[A/G]	Ca_Desi_LG04	48.474
Ca_Desi_SNP1939	[A/G]	Ca_Desi_LG04	48.493
Ca_Desi_SNP1940	[C/A]	Ca_Desi_LG04	48.502
Ca_Desi_SNP1941	[A/G]	Ca_Desi_LG04	48.542
Ca_Desi_SNP1942	[T/C]	Ca_Desi_LG04	48.619
Ca_Desi_SNP1943	[G/A]	Ca_Desi_LG04	48.632
Ca_Desi_SNP1944	[A/G]	Ca_Desi_LG04	48.637
Ca_Desi_SNP1945	[T/A]	Ca_Desi_LG04	48.726
Ca_Desi_SNP1946	[T/G]	Ca_Desi_LG04	48.769
Ca_Desi_SNP1947	[A/G]	Ca_Desi_LG04	48.858
Ca_Desi_SNP1948	[A/G]	Ca_Desi_LG04	48.868
Ca_Desi_SNP1949	[A/C]	Ca_Desi_LG04	48.928



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1950	[T/G]	Ca_Desi_LG04	48.950
Ca_Desi_SNP1951	[C/T]	Ca_Desi_LG04	48.998
Ca_Desi_SNP1952	[A/G]	Ca_Desi_LG04	49.023
Ca_Desi_SNP1953	[T/C]	Ca_Desi_LG04	49.040
Ca_Desi_SNP1954	[G/A]	Ca_Desi_LG04	49.073
Ca_Desi_SNP1955	[A/G]	Ca_Desi_LG04	49.188
Ca_Desi_SNP1956	[A/G]	Ca_Desi_LG04	49.255
Ca_Desi_SNP1957	[A/G]	Ca_Desi_LG04	49.291
Ca_Desi_SNP1958	[G/T]	Ca_Desi_LG04	49.305
Ca_Desi_SNP1959	[T/C]	Ca_Desi_LG04	49.314
Ca_Desi_SNP1960	[C/T]	Ca_Desi_LG04	49.351
Ca_Desi_SNP1961	[A/C]	Ca_Desi_LG04	49.409
Ca_Desi_SNP1962	[T/G]	Ca_Desi_LG04	49.424
Ca_Desi_SNP1963	[C/G]	Ca_Desi_LG04	49.434
Ca_Desi_SNP1964	[G/A]	Ca_Desi_LG04	49.475
Ca_Desi_SNP1965	[C/A]	Ca_Desi_LG04	49.511
Ca_Desi_SNP1966	[G/A]	Ca_Desi_LG04	49.571
Ca_Desi_SNP1967	[T/A]	Ca_Desi_LG04	49.594
Ca_Desi_SNP1968	[A/G]	Ca_Desi_LG04	49.618
Ca_Desi_SNP1969	[G/A]	Ca_Desi_LG04	49.622
Ca_Desi_SNP1970	[T/G]	Ca_Desi_LG04	49.670
Ca_Desi_SNP1971	[C/A]	Ca_Desi_LG04	49.758
Ca_Desi_SNP1972	[A/G]	Ca_Desi_LG04	49.762
Ca_Desi_SNP1973	[C/T]	Ca_Desi_LG04	49.810
Ca_Desi_SNP1974	[C/G]	Ca_Desi_LG04	49.811
Ca_Desi_SNP1975	[C/T]	Ca_Desi_LG04	49.811
Ca_Desi_SNP1976	[A/C]	Ca_Desi_LG04	49.815
Ca_Desi_SNP1977	[A/G]	Ca_Desi_LG04	49.819
Ca_Desi_SNP1978	[A/G]	Ca_Desi_LG04	49.862
Ca_Desi_SNP1979	[G/A]	Ca_Desi_LG04	49.866
Ca_Desi_SNP1980	[C/G]	Ca_Desi_LG04	49.872

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP1981	[C/A]	Ca_Desi_LG04	49.914
Ca_Desi_SNP1982	[G/A]	Ca_Desi_LG04	49.916
Ca_Desi_SNP1983	[G/T]	Ca_Desi_LG04	49.936
Ca_Desi_SNP1984	[C/G]	Ca_Desi_LG04	49.994
Ca_Desi_SNP1985	[A/T]	Ca_Desi_LG04	49.997
Ca_Desi_SNP1986	[T/G]	Ca_Desi_LG04	50.085
Ca_Desi_SNP1987	[A/T]	Ca_Desi_LG04	50.088
Ca_Desi_SNP1988	[A/G]	Ca_Desi_LG04	50.200
Ca_Desi_SNP1989	[A/G]	Ca_Desi_LG04	50.249
Ca_Desi_SNP1990	[A/C]	Ca_Desi_LG04	50.315
Ca_Desi_SNP1991	[A/T]	Ca_Desi_LG04	50.316
Ca_Desi_SNP1992	[C/A]	Ca_Desi_LG04	50.347
Ca_Desi_SNP1993	[C/T]	Ca_Desi_LG04	50.381
Ca_Desi_SNP1994	[A/G]	Ca_Desi_LG04	50.388
Ca_Desi_SNP1995	[G/T]	Ca_Desi_LG04	50.410
Ca_Desi_SNP1996	[A/C]	Ca_Desi_LG04	50.420
Ca_Desi_SNP1997	[T/C]	Ca_Desi_LG04	50.637
Ca_Desi_SNP1998	[T/C]	Ca_Desi_LG04	50.659
Ca_Desi_SNP1999	[G/A]	Ca_Desi_LG04	50.667
Ca_Desi_SNP2000	[G/A]	Ca_Desi_LG04	50.693
Ca_Desi_SNP2001	[T/G]	Ca_Desi_LG04	50.695
Ca_Desi_SNP2002	[C/A]	Ca_Desi_LG04	50.719
Ca_Desi_SNP2003	[G/C]	Ca_Desi_LG04	50.730
Ca_Desi_SNP2004	[T/C]	Ca_Desi_LG04	50.848
Ca_Desi_SNP2005	[C/G]	Ca_Desi_LG04	50.849
Ca_Desi_SNP2006	[A/G]	Ca_Desi_LG04	50.860
Ca_Desi_SNP2007	[C/T]	Ca_Desi_LG04	50.969
Ca_Desi_SNP2008	[C/G]	Ca_Desi_LG04	51.036
Ca_Desi_SNP2009	[A/G]	Ca_Desi_LG04	51.119
Ca_Desi_SNP2010	[G/T]	Ca_Desi_LG04	51.282
Ca_Desi_SNP2011	[C/A]	Ca_Desi_LG04	51.285

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2012	[A/T]	Ca_Desi_LG04	51.287
Ca_Desi_SNP2013	[T/C]	Ca_Desi_LG04	51.308
Ca_Desi_SNP2014	[T/A]	Ca_Desi_LG04	51.372
Ca_Desi_SNP2015	[A/C]	Ca_Desi_LG04	51.431
Ca_Desi_SNP2016	[A/G]	Ca_Desi_LG04	51.437
Ca_Desi_SNP2017	[C/T]	Ca_Desi_LG04	51.473
Ca_Desi_SNP2018	[T/G]	Ca_Desi_LG04	51.504
Ca_Desi_SNP2019	[T/C]	Ca_Desi_LG04	51.565
Ca_Desi_SNP2020	[A/G]	Ca_Desi_LG04	51.584
Ca_Desi_SNP2021	[T/C]	Ca_Desi_LG04	51.598
Ca_Desi_SNP2022	[C/A]	Ca_Desi_LG04	51.632
Ca_Desi_SNP2023	[C/T]	Ca_Desi_LG04	51.702
Ca_Desi_SNP2024	[T/C]	Ca_Desi_LG04	51.713
Ca_Desi_SNP2025	[A/C]	Ca_Desi_LG04	51.717
Ca_Desi_SNP2026	[C/G]	Ca_Desi_LG04	51.799
Ca_Desi_SNP2027	[T/G]	Ca_Desi_LG04	51.835
Ca_Desi_SNP2028	[A/T]	Ca_Desi_LG04	51.893
Ca_Desi_SNP2029	[A/G]	Ca_Desi_LG04	51.899
Ca_Desi_SNP2030	[A/T]	Ca_Desi_LG04	51.933
Ca_Desi_SNP2031	[T/C]	Ca_Desi_LG04	52.042
Ca_Desi_SNP2032	[T/C]	Ca_Desi_LG04	52.079
Ca_Desi_SNP2033	[A/G]	Ca_Desi_LG04	52.168
Ca_Desi_SNP2034	[A/C]	Ca_Desi_LG04	52.195
Ca_Desi_SNP2035	[T/C]	Ca_Desi_LG04	52.283
Ca_Desi_SNP2036	[T/C]	Ca_Desi_LG04	52.307
Ca_Desi_SNP2037	[T/A]	Ca_Desi_LG04	52.307
Ca_Desi_SNP2038	[G/A]	Ca_Desi_LG04	52.311
Ca_Desi_SNP2039	[T/A]	Ca_Desi_LG04	52.330
Ca_Desi_SNP2040	[C/T]	Ca_Desi_LG04	52.483
Ca_Desi_SNP2041	[G/C]	Ca_Desi_LG04	52.749
Ca_Desi_SNP2042	[C/T]	Ca_Desi_LG04	52.793

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2043	[C/T]	Ca_Desi_LG04	52.900
Ca_Desi_SNP2044	[G/A]	Ca_Desi_LG04	52.965
Ca_Desi_SNP2045	[A/G]	Ca_Desi_LG04	53.152
Ca_Desi_SNP2046	[A/C]	Ca_Desi_LG04	53.171
Ca_Desi_SNP2047	[C/T]	Ca_Desi_LG04	53.216
Ca_Desi_SNP2048	[T/C]	Ca_Desi_LG04	53.479
Ca_Desi_SNP2049	[C/T]	Ca_Desi_LG04	53.518
Ca_Desi_SNP2050	[T/C]	Ca_Desi_LG04	53.592
Ca_Desi_SNP2051	[T/C]	Ca_Desi_LG04	53.685
Ca_Desi_SNP2052	[A/G]	Ca_Desi_LG04	53.740
Ca_Desi_SNP2053	[T/C]	Ca_Desi_LG04	53.805
Ca_Desi_SNP2054	[T/C]	Ca_Desi_LG04	53.830
Ca_Desi_SNP2055	[G/A]	Ca_Desi_LG04	53.954
Ca_Desi_SNP2056	[T/G]	Ca_Desi_LG04	54.021
Ca_Desi_SNP2057	[T/A]	Ca_Desi_LG04	54.089
Ca_Desi_SNP2058	[C/A]	Ca_Desi_LG04	54.161
Ca_Desi_SNP2059	[G/T]	Ca_Desi_LG04	54.167
Ca_Desi_SNP2060	[T/C]	Ca_Desi_LG04	54.181
Ca_Desi_SNP2061	[C/T]	Ca_Desi_LG04	54.237
Ca_Desi_SNP2062	[C/G]	Ca_Desi_LG04	54.263
Ca_Desi_SNP2063	[A/T]	Ca_Desi_LG04	54.309
Ca_Desi_SNP2064	[C/T]	Ca_Desi_LG04	54.352
Ca_Desi_SNP2065	[A/T]	Ca_Desi_LG04	54.360
Ca_Desi_SNP2066	[A/C]	Ca_Desi_LG04	54.370
Ca_Desi_SNP2067	[T/G]	Ca_Desi_LG04	54.471
Ca_Desi_SNP2068	[A/G]	Ca_Desi_LG04	54.662
Ca_Desi_SNP2069	[C/A]	Ca_Desi_LG04	54.709
Ca_Desi_SNP2070	[T/C]	Ca_Desi_LG04	54.740
Ca_Desi_SNP2071	[G/A]	Ca_Desi_LG04	54.918
Ca_Desi_SNP2072	[A/C]	Ca_Desi_LG04	54.957
Ca_Desi_SNP2073	[G/A]	Ca_Desi_LG04	55.199

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2074	[A/G]	Ca_Desi_LG04	55.305
Ca_Desi_SNP2075	[T/C]	Ca_Desi_LG04	55.511
Ca_Desi_SNP2076	[T/C]	Ca_Desi_LG04	55.572
Ca_Desi_SNP2077	[T/C]	Ca_Desi_LG04	55.715
Ca_Desi_SNP2078	[C/T]	Ca_Desi_LG04	55.735
Ca_Desi_SNP2079	[T/G]	Ca_Desi_LG04	55.746
Ca_Desi_SNP2080	[G/A]	Ca_Desi_LG04	55.821
Ca_Desi_SNP2081	[T/C]	Ca_Desi_LG04	55.830
Ca_Desi_SNP2082	[T/A]	Ca_Desi_LG04	55.930
Ca_Desi_SNP2083	[G/T]	Ca_Desi_LG04	56.077
Ca_Desi_SNP2084	[A/T]	Ca_Desi_LG04	56.093
Ca_Desi_SNP2085	[T/C]	Ca_Desi_LG04	56.142
Ca_Desi_SNP2086	[C/T]	Ca_Desi_LG04	56.189
Ca_Desi_SNP2087	[G/T]	Ca_Desi_LG04	56.269
Ca_Desi_SNP2088	[G/A]	Ca_Desi_LG04	56.304
Ca_Desi_SNP2089	[T/C]	Ca_Desi_LG04	56.435
Ca_Desi_SNP2090	[A/T]	Ca_Desi_LG04	56.442
Ca_Desi_SNP2091	[A/C]	Ca_Desi_LG04	56.604
Ca_Desi_SNP2092	[G/A]	Ca_Desi_LG04	56.636
Ca_Desi_SNP2093	[A/G]	Ca_Desi_LG04	56.844
Ca_Desi_SNP2094	[A/G]	Ca_Desi_LG04	56.949
Ca_Desi_SNP2095	[C/A]	Ca_Desi_LG04	57.090
Ca_Desi_SNP2096	[T/C]	Ca_Desi_LG04	57.146
Ca_Desi_SNP2097	[G/A]	Ca_Desi_LG04	57.151
Ca_Desi_SNP2098	[T/C]	Ca_Desi_LG04	57.365
Ca_Desi_SNP2099	[T/G]	Ca_Desi_LG04	57.464
Ca_Desi_SNP2100	[G/C]	Ca_Desi_LG04	57.498
Ca_Desi_SNP2101	[A/G]	Ca_Desi_LG04	57.543
Ca_Desi_SNP2102	[C/T]	Ca_Desi_LG04	57.561
Ca_Desi_SNP2103	[C/T]	Ca_Desi_LG04	57.640
Ca_Desi_SNP2104	[G/A]	Ca_Desi_LG04	57.948

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2105	[A/C]	Ca_Desi_LG04	58.166
Ca_Desi_SNP2106	[C/A]	Ca_Desi_LG04	58.210
Ca_Desi_SNP2107	[T/G]	Ca_Desi_LG04	58.385
Ca_Desi_SNP2108	[G/T]	Ca_Desi_LG04	58.519
Ca_Desi_SNP2109	[G/A]	Ca_Desi_LG04	58.531
Ca_Desi_SNP2110	[A/C]	Ca_Desi_LG04	58.549
Ca_Desi_SNP2111	[T/G]	Ca_Desi_LG04	58.697
Ca_Desi_SNP2112	[A/G]	Ca_Desi_LG04	59.364
Ca_Desi_SNP2113	[T/G]	Ca_Desi_LG04	59.452
Ca_Desi_SNP2114	[T/C]	Ca_Desi_LG04	59.616
Ca_Desi_SNP2115	[T/C]	Ca_Desi_LG04	59.781
Ca_Desi_SNP2116	[G/T]	Ca_Desi_LG04	59.818
Ca_Desi_SNP2117	[C/T]	Ca_Desi_LG04	59.853
Ca_Desi_SNP2118	[T/C]	Ca_Desi_LG04	60.563
Ca_Desi_SNP2119	[T/G]	Ca_Desi_LG04	60.887
Ca_Desi_SNP2120	[C/A]	Ca_Desi_LG04	60.901
Ca_Desi_SNP2121	[T/C]	Ca_Desi_LG04	61.071
Ca_Desi_SNP2122	[T/G]	Ca_Desi_LG04	61.124
Ca_Desi_SNP2123	[T/G]	Ca_Desi_LG04	61.131
Ca_Desi_SNP2124	[A/C]	Ca_Desi_LG04	61.439
Ca_Desi_SNP2125	[C/T]	Ca_Desi_LG04	61.603
Ca_Desi_SNP2126	[C/A]	Ca_Desi_LG04	61.706
Ca_Desi_SNP2127	[A/C]	Ca_Desi_LG04	61.914
Ca_Desi_SNP2128	[T/G]	Ca_Desi_LG04	62.546
Ca_Desi_SNP2129	[A/G]	Ca_Desi_LG04	63.085
Ca_Desi_SNP2130	[C/A]	Ca_Desi_LG04	63.295
Ca_Desi_SNP2131	[A/G]	Ca_Desi_LG04	63.969
Ca_Desi_SNP2132	[G/T]	Ca_Desi_LG04	64.063
Ca_Desi_SNP2133	[C/A]	Ca_Desi_LG04	64.875
Ca_Desi_SNP2134	[G/T]	Ca_Desi_LG04	64.952
Ca_Desi_SNP2135	[C/A]	Ca_Desi_LG04	65.233

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2136	[A/G]	Ca_Desi_LG04	65.669
Ca_Desi_SNP2137	[C/T]	Ca_Desi_LG04	65.891
Ca_Desi_SNP2138	[A/G]	Ca_Desi_LG04	65.893
Ca_Desi_SNP2139	[G/A]	Ca_Desi_LG04	65.936
Ca_Desi_SNP2140	[T/A]	Ca_Desi_LG04	66.146
Ca_Desi_SNP2141	[C/A]	Ca_Desi_LG04	66.152
Ca_Desi_SNP2142	[C/A]	Ca_Desi_LG04	66.179
Ca_Desi_SNP2143	[A/G]	Ca_Desi_LG04	66.370
Ca_Desi_SNP2144	[A/G]	Ca_Desi_LG04	66.488
Ca_Desi_SNP2145	[G/A]	Ca_Desi_LG04	66.921
Ca_Desi_SNP2146	[T/C]	Ca_Desi_LG04	67.018
Ca_Desi_SNP2147	[C/T]	Ca_Desi_LG04	67.063
Ca_Desi_SNP2148	[T/A]	Ca_Desi_LG04	67.115
Ca_Desi_SNP2149	[A/T]	Ca_Desi_LG04	67.225
Ca_Desi_SNP2150	[T/C]	Ca_Desi_LG04	67.227
Ca_Desi_SNP2151	[A/C]	Ca_Desi_LG04	67.299
Ca_Desi_SNP2152	[T/C]	Ca_Desi_LG04	67.322
Ca_Desi_SNP2153	[T/C]	Ca_Desi_LG04	67.487
Ca_Desi_SNP2154	[A/C]	Ca_Desi_LG04	67.516
Ca_Desi_SNP2155	[G/A]	Ca_Desi_LG04	67.633
Ca_Desi_SNP2156	[A/C]	Ca_Desi_LG04	67.670
Ca_Desi_SNP2157	[G/A]	Ca_Desi_LG04	67.724
Ca_Desi_SNP2158	[A/G]	Ca_Desi_LG04	67.746
Ca_Desi_SNP2159	[A/G]	Ca_Desi_LG04	67.944
Ca_Desi_SNP2160	[T/C]	Ca_Desi_LG04	68.026
Ca_Desi_SNP2161	[C/G]	Ca_Desi_LG04	68.223
Ca_Desi_SNP2162	[C/A]	Ca_Desi_LG04	68.352
Ca_Desi_SNP2163	[C/T]	Ca_Desi_LG04	68.360
Ca_Desi_SNP2164	[G/C]	Ca_Desi_LG04	68.598
Ca_Desi_SNP2165	[G/A]	Ca_Desi_LG04	68.788
Ca_Desi_SNP2166	[T/C]	Ca_Desi_LG04	68.868

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2167	[G/T]	Ca_Desi_LG04	68.916
Ca_Desi_SNP2168	[A/G]	Ca_Desi_LG04	69.187
Ca_Desi_SNP2169	[C/T]	Ca_Desi_LG04	69.259
Ca_Desi_SNP2170	[A/T]	Ca_Desi_LG04	69.377
Ca_Desi_SNP2171	[A/G]	Ca_Desi_LG04	69.411
Ca_Desi_SNP2172	[A/G]	Ca_Desi_LG04	69.432
Ca_Desi_SNP2173	[C/T]	Ca_Desi_LG04	69.831
Ca_Desi_SNP2174	[G/A]	Ca_Desi_LG04	69.855
Ca_Desi_SNP2175	[A/G]	Ca_Desi_LG04	69.888
Ca_Desi_SNP2176	[G/A]	Ca_Desi_LG04	70.080
Ca_Desi_SNP2177	[A/G]	Ca_Desi_LG04	70.169
Ca_Desi_SNP2178	[G/C]	Ca_Desi_LG04	70.274
Ca_Desi_SNP2179	[C/T]	Ca_Desi_LG04	70.393
Ca_Desi_SNP2180	[T/C]	Ca_Desi_LG04	70.443
Ca_Desi_SNP2181	[C/G]	Ca_Desi_LG04	70.446
Ca_Desi_SNP2182	[T/C]	Ca_Desi_LG04	70.540
Ca_Desi_SNP2183	[C/G]	Ca_Desi_LG04	70.899
Ca_Desi_SNP2184	[A/G]	Ca_Desi_LG04	70.936
Ca_Desi_SNP2185	[T/G]	Ca_Desi_LG04	71.021
Ca_Desi_SNP2186	[T/G]	Ca_Desi_LG04	71.147
Ca_Desi_SNP2187	[A/G]	Ca_Desi_LG04	71.376
Ca_Desi_SNP2188	[A/G]	Ca_Desi_LG04	71.553
Ca_Desi_SNP2189	[A/G]	Ca_Desi_LG04	71.569
Ca_Desi_SNP2190	[C/T]	Ca_Desi_LG04	71.605
Ca_Desi_SNP2191	[T/C]	Ca_Desi_LG04	71.623
Ca_Desi_SNP2192	[A/G]	Ca_Desi_LG04	71.707
Ca_Desi_SNP2193	[A/G]	Ca_Desi_LG04	71.887
Ca_Desi_SNP2194	[A/G]	Ca_Desi_LG04	71.938
Ca_Desi_SNP2195	[T/G]	Ca_Desi_LG04	72.160
Ca_Desi_SNP2196	[T/A]	Ca_Desi_LG04	72.530
Ca_Desi_SNP2197	[C/T]	Ca_Desi_LG04	72.810



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2198	[G/T]	Ca_Desi_LG04	72.861
Ca_Desi_SNP2199	[C/T]	Ca_Desi_LG04	73.204
Ca_Desi_SNP2200	[A/G]	Ca_Desi_LG04	73.329
Ca_Desi_SNP2201	[A/G]	Ca_Desi_LG04	73.373
Ca_Desi_SNP2202	[T/C]	Ca_Desi_LG04	73.466
Ca_Desi_SNP2203	[G/A]	Ca_Desi_LG04	73.718
Ca_Desi_SNP2204	[C/T]	Ca_Desi_LG04	73.868
Ca_Desi_SNP2205	[T/G]	Ca_Desi_LG04	73.881
Ca_Desi_SNP2206	[T/A]	Ca_Desi_LG04	73.946
Ca_Desi_SNP2207	[T/C]	Ca_Desi_LG04	74.358
Ca_Desi_SNP2208	[C/T]	Ca_Desi_LG04	74.383
Ca_Desi_SNP2209	[A/G]	Ca_Desi_LG04	74.604
Ca_Desi_SNP2210	[A/T]	Ca_Desi_LG04	74.653
Ca_Desi_SNP2211	[G/A]	Ca_Desi_LG04	74.665
Ca_Desi_SNP2212	[G/A]	Ca_Desi_LG04	74.730
Ca_Desi_SNP2213	[C/A]	Ca_Desi_LG04	74.840
Ca_Desi_SNP2214	[C/T]	Ca_Desi_LG04	74.890
Ca_Desi_SNP2215	[T/G]	Ca_Desi_LG04	74.894
Ca_Desi_SNP2216	[A/G]	Ca_Desi_LG04	74.932
Ca_Desi_SNP2217	[G/A]	Ca_Desi_LG04	75.168
Ca_Desi_SNP2218	[A/C]	Ca_Desi_LG04	75.244
Ca_Desi_SNP2219	[A/G]	Ca_Desi_LG04	75.470
Ca_Desi_SNP2220	[C/T]	Ca_Desi_LG04	75.669
Ca_Desi_SNP2221	[A/G]	Ca_Desi_LG04	75.773
Ca_Desi_SNP2222	[A/G]	Ca_Desi_LG04	76.537
Ca_Desi_SNP2223	[C/T]	Ca_Desi_LG04	76.811
Ca_Desi_SNP2224	[C/T]	Ca_Desi_LG04	76.908
Ca_Desi_SNP2225	[T/C]	Ca_Desi_LG04	77.017
Ca_Desi_SNP2226	[A/G]	Ca_Desi_LG04	77.053
Ca_Desi_SNP2227	[G/A]	Ca_Desi_LG04	77.198
Ca_Desi_SNP2228	[G/T]	Ca_Desi_LG04	77.211

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2229	[C/G]	Ca_Desi_LG04	77.384
Ca_Desi_SNP2230	[T/C]	Ca_Desi_LG04	77.574
Ca_Desi_SNP2231	[T/G]	Ca_Desi_LG04	77.829
Ca_Desi_SNP2232	[G/A]	Ca_Desi_LG04	77.847
Ca_Desi_SNP2233	[G/T]	Ca_Desi_LG04	77.967
Ca_Desi_SNP2234	[A/T]	Ca_Desi_LG04	77.980
Ca_Desi_SNP2235	[T/A]	Ca_Desi_LG04	78.004
Ca_Desi_SNP2236	[T/C]	Ca_Desi_LG04	78.180
Ca_Desi_SNP2237	[T/C]	Ca_Desi_LG04	78.225
Ca_Desi_SNP2238	[A/G]	Ca_Desi_LG04	78.380
Ca_Desi_SNP2239	[A/G]	Ca_Desi_LG04	78.491
Ca_Desi_SNP2240	[C/T]	Ca_Desi_LG04	78.547
Ca_Desi_SNP2241	[C/T]	Ca_Desi_LG04	78.556
Ca_Desi_SNP2242	[G/A]	Ca_Desi_LG04	78.633
Ca_Desi_SNP2243	[A/G]	Ca_Desi_LG04	78.754
Ca_Desi_SNP2244	[G/A]	Ca_Desi_LG04	78.773
Ca_Desi_SNP2245	[A/C]	Ca_Desi_LG04	78.874
Ca_Desi_SNP2246	[T/A]	Ca_Desi_LG04	79.006
Ca_Desi_SNP2247	[G/A]	Ca_Desi_LG04	79.126
Ca_Desi_SNP2248	[G/T]	Ca_Desi_LG04	79.225
Ca_Desi_SNP2249	[A/G]	Ca_Desi_LG04	79.332
Ca_Desi_SNP2250	[T/C]	Ca_Desi_LG04	79.408
Ca_Desi_SNP2251	[T/C]	Ca_Desi_LG04	79.426
Ca_Desi_SNP2252	[A/C]	Ca_Desi_LG04	79.852
Ca_Desi_SNP2253	[G/A]	Ca_Desi_LG04	80.175
Ca_Desi_SNP2254	[T/G]	Ca_Desi_LG04	80.279
Ca_Desi_SNP2255	[T/G]	Ca_Desi_LG04	80.313
Ca_Desi_SNP2256	[G/T]	Ca_Desi_LG04	80.348
Ca_Desi_SNP2257	[T/G]	Ca_Desi_LG04	80.693
Ca_Desi_SNP2258	[T/A]	Ca_Desi_LG04	81.107
Ca_Desi_SNP2259	[A/G]	Ca_Desi_LG04	81.309

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2260	[T/G]	Ca_Desi_LG04	81.983
Ca_Desi_SNP2261	[A/G]	Ca_Desi_LG04	82.093
Ca_Desi_SNP2262	[C/G]	Ca_Desi_LG04	82.257
Ca_Desi_SNP2263	[T/C]	Ca_Desi_LG04	82.790
Ca_Desi_SNP2264	[A/T]	Ca_Desi_LG04	82.810
Ca_Desi_SNP2265	[G/A]	Ca_Desi_LG04	82.919
Ca_Desi_SNP2266	[T/G]	Ca_Desi_LG04	83.078
Ca_Desi_SNP2267	[C/A]	Ca_Desi_LG04	83.977
Ca_Desi_SNP2268	[T/G]	Ca_Desi_LG04	84.048
Ca_Desi_SNP2269	[A/C]	Ca_Desi_LG04	84.664
Ca_Desi_SNP2270	[T/C]	Ca_Desi_LG04	84.721
Ca_Desi_SNP2271	[T/G]	Ca_Desi_LG04	85.365
Ca_Desi_SNP2272	[T/G]	Ca_Desi_LG04	85.944
Ca_Desi_SNP2273	[T/G]	Ca_Desi_LG04	85.949
Ca_Desi_SNP2274	[A/C]	Ca_Desi_LG04	86.240
Ca_Desi_SNP2275	[G/C]	Ca_Desi_LG04	86.290
Ca_Desi_SNP2276	[T/C]	Ca_Desi_LG04	87.627
Ca_Desi_SNP2277	[A/C]	Ca_Desi_LG04	91.745
Ca_Desi_SNP2278	[T/C]	Ca_Desi_LG04	94.250
Ca_Desi_SNP2279	[A/C]	Ca_Desi_LG04	94.548
Ca_Desi_SNP2280	[A/G]	Ca_Desi_LG04	94.690
Ca_Desi_SNP2281	[A/G]	Ca_Desi_LG04	95.921
Ca_Desi_SNP2282	[G/A]	Ca_Desi_LG04	96.031
Ca_Desi_SNP2283	[A/C]	Ca_Desi_LG04	97.782
Ca_Desi_SNP2284	[T/G]	Ca_Desi_LG05	0.000
Ca_Desi_SNP2285	[T/C]	Ca_Desi_LG05	2.005
Ca_Desi_SNP2286	[T/C]	Ca_Desi_LG05	2.906
Ca_Desi_SNP2287	[A/G]	Ca_Desi_LG05	6.592
Ca_Desi_SNP2288	[A/C]	Ca_Desi_LG05	7.367
Ca_Desi_SNP2289	[A/T]	Ca_Desi_LG05	8.031
Ca_Desi_SNP2290	[A/G]	Ca_Desi_LG05	8.168

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2291	[A/C]	Ca_Desi_LG05	11.729
Ca_Desi_SNP2292	[T/C]	Ca_Desi_LG05	11.736
Ca_Desi_SNP2293	[G/A]	Ca_Desi_LG05	11.945
Ca_Desi_SNP2294	[A/C]	Ca_Desi_LG05	12.308
Ca_Desi_SNP2295	[T/A]	Ca_Desi_LG05	13.330
Ca_Desi_SNP2296	[A/C]	Ca_Desi_LG05	14.077
Ca_Desi_SNP2297	[T/C]	Ca_Desi_LG05	14.410
Ca_Desi_SNP2298	[A/G]	Ca_Desi_LG05	14.439
Ca_Desi_SNP2299	[A/T]	Ca_Desi_LG05	14.800
Ca_Desi_SNP2300	[C/G]	Ca_Desi_LG05	14.947
Ca_Desi_SNP2301	[T/G]	Ca_Desi_LG05	15.061
Ca_Desi_SNP2302	[T/C]	Ca_Desi_LG05	15.267
Ca_Desi_SNP2303	[A/T]	Ca_Desi_LG05	15.634
Ca_Desi_SNP2304	[T/C]	Ca_Desi_LG05	15.947
Ca_Desi_SNP2305	[T/A]	Ca_Desi_LG05	15.994
Ca_Desi_SNP2306	[T/C]	Ca_Desi_LG05	16.773
Ca_Desi_SNP2307	[C/T]	Ca_Desi_LG05	16.975
Ca_Desi_SNP2308	[C/T]	Ca_Desi_LG05	17.521
Ca_Desi_SNP2309	[T/C]	Ca_Desi_LG05	18.122
Ca_Desi_SNP2310	[T/C]	Ca_Desi_LG05	18.201
Ca_Desi_SNP2311	[T/C]	Ca_Desi_LG05	18.461
Ca_Desi_SNP2312	[G/A]	Ca_Desi_LG05	18.515
Ca_Desi_SNP2313	[C/T]	Ca_Desi_LG05	18.744
Ca_Desi_SNP2314	[A/G]	Ca_Desi_LG05	18.990
Ca_Desi_SNP2315	[T/C]	Ca_Desi_LG05	19.374
Ca_Desi_SNP2316	[A/G]	Ca_Desi_LG05	19.377
Ca_Desi_SNP2317	[T/G]	Ca_Desi_LG05	20.006
Ca_Desi_SNP2318	[A/G]	Ca_Desi_LG05	20.039
Ca_Desi_SNP2319	[C/T]	Ca_Desi_LG05	20.102
Ca_Desi_SNP2320	[T/C]	Ca_Desi_LG05	20.388
Ca_Desi_SNP2321	[A/G]	Ca_Desi_LG05	20.476

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2322	[C/T]	Ca_Desi_LG05	20.608
Ca_Desi_SNP2323	[A/G]	Ca_Desi_LG05	20.810
Ca_Desi_SNP2324	[C/T]	Ca_Desi_LG05	21.302
Ca_Desi_SNP2325	[A/G]	Ca_Desi_LG05	21.626
Ca_Desi_SNP2326	[C/T]	Ca_Desi_LG05	21.885
Ca_Desi_SNP2327	[A/G]	Ca_Desi_LG05	22.069
Ca_Desi_SNP2328	[A/G]	Ca_Desi_LG05	22.091
Ca_Desi_SNP2329	[A/C]	Ca_Desi_LG05	22.126
Ca_Desi_SNP2330	[A/G]	Ca_Desi_LG05	22.612
Ca_Desi_SNP2331	[C/T]	Ca_Desi_LG05	22.874
Ca_Desi_SNP2332	[G/T]	Ca_Desi_LG05	23.046
Ca_Desi_SNP2333	[A/T]	Ca_Desi_LG05	23.367
Ca_Desi_SNP2334	[T/C]	Ca_Desi_LG05	23.683
Ca_Desi_SNP2335	[T/G]	Ca_Desi_LG05	23.744
Ca_Desi_SNP2336	[T/C]	Ca_Desi_LG05	23.792
Ca_Desi_SNP2337	[T/A]	Ca_Desi_LG05	23.805
Ca_Desi_SNP2338	[C/G]	Ca_Desi_LG05	24.875
Ca_Desi_SNP2339	[T/C]	Ca_Desi_LG05	25.012
Ca_Desi_SNP2340	[A/C]	Ca_Desi_LG05	25.029
Ca_Desi_SNP2341	[C/T]	Ca_Desi_LG05	25.833
Ca_Desi_SNP2342	[A/G]	Ca_Desi_LG05	25.834
Ca_Desi_SNP2343	[A/G]	Ca_Desi_LG05	25.948
Ca_Desi_SNP2344	[G/A]	Ca_Desi_LG05	26.237
Ca_Desi_SNP2345	[A/C]	Ca_Desi_LG05	26.679
Ca_Desi_SNP2346	[G/A]	Ca_Desi_LG05	26.766
Ca_Desi_SNP2347	[A/G]	Ca_Desi_LG05	26.913
Ca_Desi_SNP2348	[T/G]	Ca_Desi_LG05	27.507
Ca_Desi_SNP2349	[A/G]	Ca_Desi_LG05	27.515
Ca_Desi_SNP2350	[G/A]	Ca_Desi_LG05	27.620
Ca_Desi_SNP2351	[A/C]	Ca_Desi_LG05	27.755
Ca_Desi_SNP2352	[G/A]	Ca_Desi_LG05	27.865

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2353	[T/G]	Ca_Desi_LG05	28.042
Ca_Desi_SNP2354	[C/T]	Ca_Desi_LG05	28.115
Ca_Desi_SNP2355	[A/T]	Ca_Desi_LG05	28.564
Ca_Desi_SNP2356	[T/G]	Ca_Desi_LG05	28.659
Ca_Desi_SNP2357	[C/T]	Ca_Desi_LG05	29.214
Ca_Desi_SNP2358	[A/G]	Ca_Desi_LG05	29.997
Ca_Desi_SNP2359	[T/A]	Ca_Desi_LG05	30.007
Ca_Desi_SNP2360	[T/A]	Ca_Desi_LG05	30.039
Ca_Desi_SNP2361	[G/T]	Ca_Desi_LG05	31.332
Ca_Desi_SNP2362	[T/C]	Ca_Desi_LG05	31.552
Ca_Desi_SNP2363	[C/A]	Ca_Desi_LG05	32.027
Ca_Desi_SNP2364	[T/G]	Ca_Desi_LG05	32.574
Ca_Desi_SNP2365	[A/T]	Ca_Desi_LG05	33.214
Ca_Desi_SNP2366	[G/A]	Ca_Desi_LG05	33.498
Ca_Desi_SNP2367	[A/C]	Ca_Desi_LG05	33.777
Ca_Desi_SNP2368	[A/G]	Ca_Desi_LG05	33.814
Ca_Desi_SNP2369	[C/T]	Ca_Desi_LG05	34.433
Ca_Desi_SNP2370	[C/G]	Ca_Desi_LG05	34.453
Ca_Desi_SNP2371	[A/C]	Ca_Desi_LG05	34.668
Ca_Desi_SNP2372	[G/T]	Ca_Desi_LG05	34.704
Ca_Desi_SNP2373	[T/C]	Ca_Desi_LG05	34.902
Ca_Desi_SNP2374	[G/T]	Ca_Desi_LG05	34.985
Ca_Desi_SNP2375	[T/C]	Ca_Desi_LG05	35.008
Ca_Desi_SNP2376	[G/C]	Ca_Desi_LG05	35.011
Ca_Desi_SNP2377	[C/G]	Ca_Desi_LG05	35.250
Ca_Desi_SNP2378	[A/C]	Ca_Desi_LG05	35.404
Ca_Desi_SNP2379	[C/T]	Ca_Desi_LG05	35.604
Ca_Desi_SNP2380	[G/A]	Ca_Desi_LG05	35.638
Ca_Desi_SNP2381	[A/G]	Ca_Desi_LG05	35.649
Ca_Desi_SNP2382	[G/T]	Ca_Desi_LG05	35.968
Ca_Desi_SNP2383	[T/C]	Ca_Desi_LG05	36.068

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2384	[T/C]	Ca_Desi_LG05	36.106
Ca_Desi_SNP2385	[C/T]	Ca_Desi_LG05	36.889
Ca_Desi_SNP2386	[T/G]	Ca_Desi_LG05	36.895
Ca_Desi_SNP2387	[G/A]	Ca_Desi_LG05	36.943
Ca_Desi_SNP2388	[A/C]	Ca_Desi_LG05	37.002
Ca_Desi_SNP2389	[A/C]	Ca_Desi_LG05	37.108
Ca_Desi_SNP2390	[T/C]	Ca_Desi_LG05	37.189
Ca_Desi_SNP2391	[C/T]	Ca_Desi_LG05	37.305
Ca_Desi_SNP2392	[C/T]	Ca_Desi_LG05	37.314
Ca_Desi_SNP2393	[T/G]	Ca_Desi_LG05	37.445
Ca_Desi_SNP2394	[A/G]	Ca_Desi_LG05	37.901
Ca_Desi_SNP2395	[T/A]	Ca_Desi_LG05	37.996
Ca_Desi_SNP2396	[C/A]	Ca_Desi_LG05	38.152
Ca_Desi_SNP2397	[T/G]	Ca_Desi_LG05	38.257
Ca_Desi_SNP2398	[C/G]	Ca_Desi_LG05	38.350
Ca_Desi_SNP2399	[T/G]	Ca_Desi_LG05	38.527
Ca_Desi_SNP2400	[G/A]	Ca_Desi_LG05	39.007
Ca_Desi_SNP2401	[T/C]	Ca_Desi_LG05	39.380
Ca_Desi_SNP2402	[A/G]	Ca_Desi_LG05	39.395
Ca_Desi_SNP2403	[T/G]	Ca_Desi_LG05	39.652
Ca_Desi_SNP2404	[T/C]	Ca_Desi_LG05	39.691
Ca_Desi_SNP2405	[C/T]	Ca_Desi_LG05	39.882
Ca_Desi_SNP2406	[T/G]	Ca_Desi_LG05	40.430
Ca_Desi_SNP2407	[T/C]	Ca_Desi_LG05	40.572
Ca_Desi_SNP2408	[G/T]	Ca_Desi_LG05	40.625
Ca_Desi_SNP2409	[A/C]	Ca_Desi_LG05	40.937
Ca_Desi_SNP2410	[T/C]	Ca_Desi_LG05	40.983
Ca_Desi_SNP2411	[G/C]	Ca_Desi_LG05	41.508
Ca_Desi_SNP2412	[G/T]	Ca_Desi_LG05	41.640
Ca_Desi_SNP2413	[A/C]	Ca_Desi_LG05	41.930
Ca_Desi_SNP2414	[A/C]	Ca_Desi_LG05	41.941

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2415	[G/A]	Ca_Desi_LG05	41.971
Ca_Desi_SNP2416	[T/G]	Ca_Desi_LG05	42.064
Ca_Desi_SNP2417	[C/A]	Ca_Desi_LG05	42.238
Ca_Desi_SNP2418	[T/G]	Ca_Desi_LG05	42.700
Ca_Desi_SNP2419	[G/A]	Ca_Desi_LG05	43.661
Ca_Desi_SNP2420	[G/A]	Ca_Desi_LG05	43.836
Ca_Desi_SNP2421	[A/C]	Ca_Desi_LG05	43.993
Ca_Desi_SNP2422	[G/T]	Ca_Desi_LG05	44.208
Ca_Desi_SNP2423	[G/T]	Ca_Desi_LG05	44.474
Ca_Desi_SNP2424	[A/T]	Ca_Desi_LG05	45.017
Ca_Desi_SNP2425	[T/G]	Ca_Desi_LG05	45.090
Ca_Desi_SNP2426	[T/C]	Ca_Desi_LG05	45.127
Ca_Desi_SNP2427	[T/C]	Ca_Desi_LG05	45.579
Ca_Desi_SNP2428	[A/G]	Ca_Desi_LG05	46.096
Ca_Desi_SNP2429	[C/T]	Ca_Desi_LG05	46.430
Ca_Desi_SNP2430	[C/A]	Ca_Desi_LG05	46.470
Ca_Desi_SNP2431	[C/T]	Ca_Desi_LG05	46.514
Ca_Desi_SNP2432	[C/A]	Ca_Desi_LG05	46.522
Ca_Desi_SNP2433	[A/G]	Ca_Desi_LG05	46.535
Ca_Desi_SNP2434	[T/C]	Ca_Desi_LG05	46.614
Ca_Desi_SNP2435	[C/T]	Ca_Desi_LG05	46.789
Ca_Desi_SNP2436	[A/C]	Ca_Desi_LG05	46.977
Ca_Desi_SNP2437	[C/A]	Ca_Desi_LG05	46.991
Ca_Desi_SNP2438	[A/C]	Ca_Desi_LG05	47.050
Ca_Desi_SNP2439	[T/G]	Ca_Desi_LG05	47.203
Ca_Desi_SNP2440	[A/T]	Ca_Desi_LG05	47.589
Ca_Desi_SNP2441	[A/G]	Ca_Desi_LG05	47.792
Ca_Desi_SNP2442	[A/G]	Ca_Desi_LG05	47.806
Ca_Desi_SNP2443	[A/G]	Ca_Desi_LG05	48.249
Ca_Desi_SNP2444	[G/A]	Ca_Desi_LG05	48.347
Ca_Desi_SNP2445	[T/A]	Ca_Desi_LG05	48.659



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2446	[C/T]	Ca_Desi_LG05	48.732
Ca_Desi_SNP2447	[G/A]	Ca_Desi_LG05	48.949
Ca_Desi_SNP2448	[C/A]	Ca_Desi_LG05	49.043
Ca_Desi_SNP2449	[C/A]	Ca_Desi_LG05	49.632
Ca_Desi_SNP2450	[A/G]	Ca_Desi_LG05	50.011
Ca_Desi_SNP2451	[T/C]	Ca_Desi_LG05	50.109
Ca_Desi_SNP2452	[A/G]	Ca_Desi_LG05	50.131
Ca_Desi_SNP2453	[A/C]	Ca_Desi_LG05	50.337
Ca_Desi_SNP2454	[A/G]	Ca_Desi_LG05	50.490
Ca_Desi_SNP2455	[C/T]	Ca_Desi_LG05	50.635
Ca_Desi_SNP2456	[C/A]	Ca_Desi_LG05	50.996
Ca_Desi_SNP2457	[G/T]	Ca_Desi_LG05	51.409
Ca_Desi_SNP2458	[A/G]	Ca_Desi_LG05	51.509
Ca_Desi_SNP2459	[A/G]	Ca_Desi_LG05	51.841
Ca_Desi_SNP2460	[A/C]	Ca_Desi_LG05	52.125
Ca_Desi_SNP2461	[T/G]	Ca_Desi_LG05	52.239
Ca_Desi_SNP2462	[A/C]	Ca_Desi_LG05	52.288
Ca_Desi_SNP2463	[C/A]	Ca_Desi_LG05	52.417
Ca_Desi_SNP2464	[A/G]	Ca_Desi_LG05	52.520
Ca_Desi_SNP2465	[T/A]	Ca_Desi_LG05	52.987
Ca_Desi_SNP2466	[A/G]	Ca_Desi_LG05	53.113
Ca_Desi_SNP2467	[A/G]	Ca_Desi_LG05	53.122
Ca_Desi_SNP2468	[A/G]	Ca_Desi_LG05	53.139
Ca_Desi_SNP2469	[G/A]	Ca_Desi_LG05	53.336
Ca_Desi_SNP2470	[T/G]	Ca_Desi_LG05	53.431
Ca_Desi_SNP2471	[C/T]	Ca_Desi_LG05	53.468
Ca_Desi_SNP2472	[G/T]	Ca_Desi_LG05	53.566
Ca_Desi_SNP2473	[A/C]	Ca_Desi_LG05	53.576
Ca_Desi_SNP2474	[A/C]	Ca_Desi_LG05	54.164
Ca_Desi_SNP2475	[A/G]	Ca_Desi_LG05	55.078
Ca_Desi_SNP2476	[A/C]	Ca_Desi_LG05	55.348

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2477	[A/G]	Ca_Desi_LG05	55.537
Ca_Desi_SNP2478	[C/G]	Ca_Desi_LG05	55.708
Ca_Desi_SNP2479	[G/A]	Ca_Desi_LG05	55.940
Ca_Desi_SNP2480	[A/T]	Ca_Desi_LG05	56.037
Ca_Desi_SNP2481	[A/C]	Ca_Desi_LG05	56.450
Ca_Desi_SNP2482	[A/C]	Ca_Desi_LG05	56.754
Ca_Desi_SNP2483	[T/C]	Ca_Desi_LG05	56.862
Ca_Desi_SNP2484	[A/G]	Ca_Desi_LG05	57.089
Ca_Desi_SNP2485	[A/G]	Ca_Desi_LG05	57.220
Ca_Desi_SNP2486	[T/G]	Ca_Desi_LG05	57.359
Ca_Desi_SNP2487	[A/G]	Ca_Desi_LG05	57.598
Ca_Desi_SNP2488	[T/C]	Ca_Desi_LG05	57.907
Ca_Desi_SNP2489	[T/A]	Ca_Desi_LG05	57.987
Ca_Desi_SNP2490	[C/G]	Ca_Desi_LG05	58.056
Ca_Desi_SNP2491	[G/T]	Ca_Desi_LG05	58.138
Ca_Desi_SNP2492	[T/C]	Ca_Desi_LG05	58.349
Ca_Desi_SNP2493	[T/C]	Ca_Desi_LG05	58.382
Ca_Desi_SNP2494	[A/G]	Ca_Desi_LG05	58.522
Ca_Desi_SNP2495	[T/A]	Ca_Desi_LG05	58.542
Ca_Desi_SNP2496	[A/C]	Ca_Desi_LG05	58.639
Ca_Desi_SNP2497	[T/G]	Ca_Desi_LG05	58.666
Ca_Desi_SNP2498	[C/T]	Ca_Desi_LG05	58.877
Ca_Desi_SNP2499	[C/T]	Ca_Desi_LG05	58.958
Ca_Desi_SNP2500	[A/G]	Ca_Desi_LG05	59.080
Ca_Desi_SNP2501	[T/G]	Ca_Desi_LG05	59.477
Ca_Desi_SNP2502	[A/G]	Ca_Desi_LG05	60.009
Ca_Desi_SNP2503	[G/A]	Ca_Desi_LG05	60.327
Ca_Desi_SNP2504	[A/T]	Ca_Desi_LG05	60.379
Ca_Desi_SNP2505	[A/T]	Ca_Desi_LG05	61.296
Ca_Desi_SNP2506	[A/G]	Ca_Desi_LG05	61.498
Ca_Desi_SNP2507	[A/C]	Ca_Desi_LG05	61.524

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2508	[G/A]	Ca_Desi_LG05	62.042
Ca_Desi_SNP2509	[T/A]	Ca_Desi_LG05	62.477
Ca_Desi_SNP2510	[T/G]	Ca_Desi_LG05	62.621
Ca_Desi_SNP2511	[A/G]	Ca_Desi_LG05	62.871
Ca_Desi_SNP2512	[G/A]	Ca_Desi_LG05	62.970
Ca_Desi_SNP2513	[G/T]	Ca_Desi_LG05	63.093
Ca_Desi_SNP2514	[A/G]	Ca_Desi_LG05	63.503
Ca_Desi_SNP2515	[T/C]	Ca_Desi_LG05	63.914
Ca_Desi_SNP2516	[T/C]	Ca_Desi_LG05	64.778
Ca_Desi_SNP2517	[G/T]	Ca_Desi_LG05	64.950
Ca_Desi_SNP2518	[T/G]	Ca_Desi_LG05	65.084
Ca_Desi_SNP2519	[A/C]	Ca_Desi_LG05	65.211
Ca_Desi_SNP2520	[T/C]	Ca_Desi_LG05	65.704
Ca_Desi_SNP2521	[T/C]	Ca_Desi_LG05	66.210
Ca_Desi_SNP2522	[T/C]	Ca_Desi_LG05	66.340
Ca_Desi_SNP2523	[T/C]	Ca_Desi_LG05	67.118
Ca_Desi_SNP2524	[A/G]	Ca_Desi_LG05	67.128
Ca_Desi_SNP2525	[G/A]	Ca_Desi_LG05	67.397
Ca_Desi_SNP2526	[T/C]	Ca_Desi_LG05	67.550
Ca_Desi_SNP2527	[T/C]	Ca_Desi_LG05	67.909
Ca_Desi_SNP2528	[A/C]	Ca_Desi_LG05	68.591
Ca_Desi_SNP2529	[T/G]	Ca_Desi_LG05	68.821
Ca_Desi_SNP2530	[T/G]	Ca_Desi_LG05	68.973
Ca_Desi_SNP2531	[T/C]	Ca_Desi_LG05	69.183
Ca_Desi_SNP2532	[A/C]	Ca_Desi_LG05	69.732
Ca_Desi_SNP2533	[A/G]	Ca_Desi_LG05	70.021
Ca_Desi_SNP2534	[A/C]	Ca_Desi_LG05	70.210
Ca_Desi_SNP2535	[G/T]	Ca_Desi_LG05	70.290
Ca_Desi_SNP2536	[T/G]	Ca_Desi_LG05	70.500
Ca_Desi_SNP2537	[C/T]	Ca_Desi_LG05	70.547
Ca_Desi_SNP2538	[T/G]	Ca_Desi_LG05	70.600

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2539	[C/T]	Ca_Desi_LG05	70.612
Ca_Desi_SNP2540	[C/T]	Ca_Desi_LG05	70.696
Ca_Desi_SNP2541	[A/G]	Ca_Desi_LG05	71.736
Ca_Desi_SNP2542	[A/C]	Ca_Desi_LG05	72.170
Ca_Desi_SNP2543	[T/G]	Ca_Desi_LG05	72.439
Ca_Desi_SNP2544	[G/C]	Ca_Desi_LG05	72.464
Ca_Desi_SNP2545	[G/A]	Ca_Desi_LG05	72.629
Ca_Desi_SNP2546	[A/G]	Ca_Desi_LG05	73.403
Ca_Desi_SNP2547	[A/G]	Ca_Desi_LG05	73.479
Ca_Desi_SNP2548	[A/C]	Ca_Desi_LG05	73.532
Ca_Desi_SNP2549	[C/T]	Ca_Desi_LG05	74.330
Ca_Desi_SNP2550	[A/G]	Ca_Desi_LG05	74.490
Ca_Desi_SNP2551	[T/C]	Ca_Desi_LG05	74.829
Ca_Desi_SNP2552	[A/C]	Ca_Desi_LG05	74.934
Ca_Desi_SNP2553	[A/C]	Ca_Desi_LG05	75.585
Ca_Desi_SNP2554	[T/C]	Ca_Desi_LG05	75.857
Ca_Desi_SNP2555	[A/C]	Ca_Desi_LG05	76.213
Ca_Desi_SNP2556	[A/T]	Ca_Desi_LG05	76.770
Ca_Desi_SNP2557	[G/C]	Ca_Desi_LG05	76.802
Ca_Desi_SNP2558	[T/A]	Ca_Desi_LG05	77.003
Ca_Desi_SNP2559	[C/A]	Ca_Desi_LG05	77.188
Ca_Desi_SNP2560	[T/C]	Ca_Desi_LG05	77.195
Ca_Desi_SNP2561	[T/C]	Ca_Desi_LG05	77.911
Ca_Desi_SNP2562	[T/C]	Ca_Desi_LG05	78.024
Ca_Desi_SNP2563	[G/A]	Ca_Desi_LG05	78.207
Ca_Desi_SNP2564	[G/A]	Ca_Desi_LG05	78.250
Ca_Desi_SNP2565	[T/C]	Ca_Desi_LG05	79.720
Ca_Desi_SNP2566	[C/T]	Ca_Desi_LG05	79.861
Ca_Desi_SNP2567	[C/G]	Ca_Desi_LG05	82.027
Ca_Desi_SNP2568	[A/T]	Ca_Desi_LG05	83.557
Ca_Desi_SNP2569	[A/C]	Ca_Desi_LG05	84.955

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2570	[C/T]	Ca_Desi_LG05	84.994
Ca_Desi_SNP2571	[T/C]	Ca_Desi_LG05	85.313
Ca_Desi_SNP2572	[G/T]	Ca_Desi_LG05	86.979
Ca_Desi_SNP2573	[G/A]	Ca_Desi_LG05	89.402
Ca_Desi_SNP2574	[T/G]	Ca_Desi_LG05	94.059
Ca_Desi_SNP2575	[A/C]	Ca_Desi_LG05	94.069
Ca_Desi_SNP2576	[C/A]	Ca_Desi_LG06	0.000
Ca_Desi_SNP2577	[A/G]	Ca_Desi_LG06	0.105
Ca_Desi_SNP2578	[C/A]	Ca_Desi_LG06	0.122
Ca_Desi_SNP2579	[C/G]	Ca_Desi_LG06	0.565
Ca_Desi_SNP2580	[A/G]	Ca_Desi_LG06	0.745
Ca_Desi_SNP2581	[A/G]	Ca_Desi_LG06	3.184
Ca_Desi_SNP2582	[C/A]	Ca_Desi_LG06	3.440
Ca_Desi_SNP2583	[T/G]	Ca_Desi_LG06	4.550
Ca_Desi_SNP2584	[T/G]	Ca_Desi_LG06	4.790
Ca_Desi_SNP2585	[A/G]	Ca_Desi_LG06	5.066
Ca_Desi_SNP2586	[C/G]	Ca_Desi_LG06	5.078
Ca_Desi_SNP2587	[C/T]	Ca_Desi_LG06	5.448
Ca_Desi_SNP2588	[A/G]	Ca_Desi_LG06	6.020
Ca_Desi_SNP2589	[A/C]	Ca_Desi_LG06	6.572
Ca_Desi_SNP2590	[T/C]	Ca_Desi_LG06	6.673
Ca_Desi_SNP2591	[A/G]	Ca_Desi_LG06	6.868
Ca_Desi_SNP2592	[C/A]	Ca_Desi_LG06	7.149
Ca_Desi_SNP2593	[G/T]	Ca_Desi_LG06	7.595
Ca_Desi_SNP2594	[T/C]	Ca_Desi_LG06	8.146
Ca_Desi_SNP2595	[A/G]	Ca_Desi_LG06	8.328
Ca_Desi_SNP2596	[C/T]	Ca_Desi_LG06	8.995
Ca_Desi_SNP2597	[A/G]	Ca_Desi_LG06	9.261
Ca_Desi_SNP2598	[G/A]	Ca_Desi_LG06	9.373
Ca_Desi_SNP2599	[C/A]	Ca_Desi_LG06	9.581
Ca_Desi_SNP2600	[T/G]	Ca_Desi_LG06	9.637

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2601	[G/T]	Ca_Desi_LG06	9.735
Ca_Desi_SNP2602	[T/C]	Ca_Desi_LG06	10.228
Ca_Desi_SNP2603	[T/C]	Ca_Desi_LG06	10.295
Ca_Desi_SNP2604	[A/G]	Ca_Desi_LG06	10.389
Ca_Desi_SNP2605	[A/C]	Ca_Desi_LG06	10.414
Ca_Desi_SNP2606	[T/G]	Ca_Desi_LG06	10.777
Ca_Desi_SNP2607	[T/A]	Ca_Desi_LG06	10.924
Ca_Desi_SNP2608	[T/G]	Ca_Desi_LG06	10.981
Ca_Desi_SNP2609	[G/A]	Ca_Desi_LG06	11.505
Ca_Desi_SNP2610	[G/A]	Ca_Desi_LG06	11.552
Ca_Desi_SNP2611	[A/C]	Ca_Desi_LG06	12.101
Ca_Desi_SNP2612	[G/A]	Ca_Desi_LG06	12.721
Ca_Desi_SNP2613	[T/C]	Ca_Desi_LG06	12.767
Ca_Desi_SNP2614	[G/T]	Ca_Desi_LG06	12.823
Ca_Desi_SNP2615	[A/G]	Ca_Desi_LG06	12.966
Ca_Desi_SNP2616	[C/T]	Ca_Desi_LG06	13.102
Ca_Desi_SNP2617	[C/T]	Ca_Desi_LG06	13.145
Ca_Desi_SNP2618	[T/G]	Ca_Desi_LG06	13.808
Ca_Desi_SNP2619	[A/G]	Ca_Desi_LG06	14.051
Ca_Desi_SNP2620	[G/A]	Ca_Desi_LG06	14.080
Ca_Desi_SNP2621	[A/C]	Ca_Desi_LG06	14.088
Ca_Desi_SNP2622	[T/A]	Ca_Desi_LG06	14.108
Ca_Desi_SNP2623	[A/C]	Ca_Desi_LG06	14.222
Ca_Desi_SNP2624	[T/G]	Ca_Desi_LG06	14.772
Ca_Desi_SNP2625	[A/G]	Ca_Desi_LG06	14.983
Ca_Desi_SNP2626	[C/G]	Ca_Desi_LG06	15.077
Ca_Desi_SNP2627	[A/G]	Ca_Desi_LG06	15.173
Ca_Desi_SNP2628	[A/T]	Ca_Desi_LG06	15.677
Ca_Desi_SNP2629	[A/G]	Ca_Desi_LG06	15.762
Ca_Desi_SNP2630	[T/G]	Ca_Desi_LG06	15.892
Ca_Desi_SNP2631	[T/G]	Ca_Desi_LG06	16.022

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2632	[A/G]	Ca_Desi_LG06	16.215
Ca_Desi_SNP2633	[T/C]	Ca_Desi_LG06	16.423
Ca_Desi_SNP2634	[A/G]	Ca_Desi_LG06	16.446
Ca_Desi_SNP2635	[A/G]	Ca_Desi_LG06	16.515
Ca_Desi_SNP2636	[C/T]	Ca_Desi_LG06	16.698
Ca_Desi_SNP2637	[T/A]	Ca_Desi_LG06	16.735
Ca_Desi_SNP2638	[G/A]	Ca_Desi_LG06	16.891
Ca_Desi_SNP2639	[A/T]	Ca_Desi_LG06	16.974
Ca_Desi_SNP2640	[T/C]	Ca_Desi_LG06	16.987
Ca_Desi_SNP2641	[T/G]	Ca_Desi_LG06	17.034
Ca_Desi_SNP2642	[A/T]	Ca_Desi_LG06	17.263
Ca_Desi_SNP2643	[A/G]	Ca_Desi_LG06	17.679
Ca_Desi_SNP2644	[C/A]	Ca_Desi_LG06	18.083
Ca_Desi_SNP2645	[C/T]	Ca_Desi_LG06	18.170
Ca_Desi_SNP2646	[C/A]	Ca_Desi_LG06	18.197
Ca_Desi_SNP2647	[T/C]	Ca_Desi_LG06	18.372
Ca_Desi_SNP2648	[A/G]	Ca_Desi_LG06	18.788
Ca_Desi_SNP2649	[A/C]	Ca_Desi_LG06	18.808
Ca_Desi_SNP2650	[T/C]	Ca_Desi_LG06	18.812
Ca_Desi_SNP2651	[C/T]	Ca_Desi_LG06	18.818
Ca_Desi_SNP2652	[G/A]	Ca_Desi_LG06	18.822
Ca_Desi_SNP2653	[C/T]	Ca_Desi_LG06	18.838
Ca_Desi_SNP2654	[A/G]	Ca_Desi_LG06	19.128
Ca_Desi_SNP2655	[A/C]	Ca_Desi_LG06	19.290
Ca_Desi_SNP2656	[C/T]	Ca_Desi_LG06	19.483
Ca_Desi_SNP2657	[A/C]	Ca_Desi_LG06	19.873
Ca_Desi_SNP2658	[C/G]	Ca_Desi_LG06	19.941
Ca_Desi_SNP2659	[T/G]	Ca_Desi_LG06	20.284
Ca_Desi_SNP2660	[T/C]	Ca_Desi_LG06	20.435
Ca_Desi_SNP2661	[A/T]	Ca_Desi_LG06	20.481
Ca_Desi_SNP2662	[C/A]	Ca_Desi_LG06	20.848

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2663	[A/G]	Ca_Desi_LG06	21.060
Ca_Desi_SNP2664	[A/G]	Ca_Desi_LG06	21.227
Ca_Desi_SNP2665	[A/G]	Ca_Desi_LG06	21.265
Ca_Desi_SNP2666	[G/T]	Ca_Desi_LG06	21.309
Ca_Desi_SNP2667	[G/C]	Ca_Desi_LG06	21.373
Ca_Desi_SNP2668	[A/C]	Ca_Desi_LG06	21.409
Ca_Desi_SNP2669	[T/G]	Ca_Desi_LG06	21.547
Ca_Desi_SNP2670	[T/C]	Ca_Desi_LG06	21.913
Ca_Desi_SNP2671	[T/G]	Ca_Desi_LG06	22.052
Ca_Desi_SNP2672	[T/A]	Ca_Desi_LG06	22.242
Ca_Desi_SNP2673	[A/G]	Ca_Desi_LG06	22.246
Ca_Desi_SNP2674	[A/C]	Ca_Desi_LG06	22.421
Ca_Desi_SNP2675	[C/T]	Ca_Desi_LG06	22.486
Ca_Desi_SNP2676	[T/A]	Ca_Desi_LG06	22.672
Ca_Desi_SNP2677	[T/A]	Ca_Desi_LG06	23.419
Ca_Desi_SNP2678	[A/G]	Ca_Desi_LG06	23.454
Ca_Desi_SNP2679	[A/C]	Ca_Desi_LG06	23.931
Ca_Desi_SNP2680	[T/A]	Ca_Desi_LG06	24.029
Ca_Desi_SNP2681	[C/A]	Ca_Desi_LG06	24.040
Ca_Desi_SNP2682	[T/G]	Ca_Desi_LG06	24.259
Ca_Desi_SNP2683	[T/G]	Ca_Desi_LG06	24.392
Ca_Desi_SNP2684	[T/G]	Ca_Desi_LG06	24.410
Ca_Desi_SNP2685	[T/G]	Ca_Desi_LG06	24.419
Ca_Desi_SNP2686	[T/C]	Ca_Desi_LG06	24.585
Ca_Desi_SNP2687	[A/G]	Ca_Desi_LG06	24.661
Ca_Desi_SNP2688	[C/T]	Ca_Desi_LG06	24.683
Ca_Desi_SNP2689	[A/C]	Ca_Desi_LG06	24.697
Ca_Desi_SNP2690	[C/T]	Ca_Desi_LG06	24.809
Ca_Desi_SNP2691	[G/T]	Ca_Desi_LG06	25.258
Ca_Desi_SNP2692	[T/A]	Ca_Desi_LG06	25.388
Ca_Desi_SNP2693	[T/C]	Ca_Desi_LG06	25.403



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2694	[A/C]	Ca_Desi_LG06	25.616
Ca_Desi_SNP2695	[A/C]	Ca_Desi_LG06	25.677
Ca_Desi_SNP2696	[C/T]	Ca_Desi_LG06	25.767
Ca_Desi_SNP2697	[C/T]	Ca_Desi_LG06	25.799
Ca_Desi_SNP2698	[G/C]	Ca_Desi_LG06	25.853
Ca_Desi_SNP2699	[T/C]	Ca_Desi_LG06	25.953
Ca_Desi_SNP2700	[A/G]	Ca_Desi_LG06	26.189
Ca_Desi_SNP2701	[A/G]	Ca_Desi_LG06	26.211
Ca_Desi_SNP2702	[T/G]	Ca_Desi_LG06	26.239
Ca_Desi_SNP2703	[C/T]	Ca_Desi_LG06	26.285
Ca_Desi_SNP2704	[C/T]	Ca_Desi_LG06	26.383
Ca_Desi_SNP2705	[G/A]	Ca_Desi_LG06	26.630
Ca_Desi_SNP2706	[A/G]	Ca_Desi_LG06	26.807
Ca_Desi_SNP2707	[T/G]	Ca_Desi_LG06	26.880
Ca_Desi_SNP2708	[T/G]	Ca_Desi_LG06	26.954
Ca_Desi_SNP2709	[A/C]	Ca_Desi_LG06	26.966
Ca_Desi_SNP2710	[A/G]	Ca_Desi_LG06	27.064
Ca_Desi_SNP2711	[T/G]	Ca_Desi_LG06	27.254
Ca_Desi_SNP2712	[C/T]	Ca_Desi_LG06	27.556
Ca_Desi_SNP2713	[C/T]	Ca_Desi_LG06	27.884
Ca_Desi_SNP2714	[C/A]	Ca_Desi_LG06	28.375
Ca_Desi_SNP2715	[A/C]	Ca_Desi_LG06	28.810
Ca_Desi_SNP2716	[T/G]	Ca_Desi_LG06	28.980
Ca_Desi_SNP2717	[C/A]	Ca_Desi_LG06	29.138
Ca_Desi_SNP2718	[G/A]	Ca_Desi_LG06	29.484
Ca_Desi_SNP2719	[A/C]	Ca_Desi_LG06	29.517
Ca_Desi_SNP2720	[G/A]	Ca_Desi_LG06	29.608
Ca_Desi_SNP2721	[C/A]	Ca_Desi_LG06	29.628
Ca_Desi_SNP2722	[A/C]	Ca_Desi_LG06	29.665
Ca_Desi_SNP2723	[G/C]	Ca_Desi_LG06	29.855
Ca_Desi_SNP2724	[G/A]	Ca_Desi_LG06	29.875

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2725	[G/A]	Ca_Desi_LG06	30.145
Ca_Desi_SNP2726	[G/A]	Ca_Desi_LG06	30.173
Ca_Desi_SNP2727	[C/A]	Ca_Desi_LG06	30.336
Ca_Desi_SNP2728	[C/T]	Ca_Desi_LG06	30.577
Ca_Desi_SNP2729	[T/A]	Ca_Desi_LG06	30.961
Ca_Desi_SNP2730	[C/G]	Ca_Desi_LG06	31.301
Ca_Desi_SNP2731	[A/G]	Ca_Desi_LG06	31.317
Ca_Desi_SNP2732	[C/T]	Ca_Desi_LG06	31.381
Ca_Desi_SNP2733	[T/A]	Ca_Desi_LG06	31.403
Ca_Desi_SNP2734	[G/C]	Ca_Desi_LG06	31.413
Ca_Desi_SNP2735	[T/C]	Ca_Desi_LG06	31.443
Ca_Desi_SNP2736	[C/T]	Ca_Desi_LG06	31.646
Ca_Desi_SNP2737	[C/T]	Ca_Desi_LG06	31.649
Ca_Desi_SNP2738	[G/C]	Ca_Desi_LG06	31.935
Ca_Desi_SNP2739	[A/C]	Ca_Desi_LG06	32.148
Ca_Desi_SNP2740	[T/A]	Ca_Desi_LG06	32.308
Ca_Desi_SNP2741	[A/C]	Ca_Desi_LG06	32.316
Ca_Desi_SNP2742	[C/A]	Ca_Desi_LG06	32.950
Ca_Desi_SNP2743	[T/C]	Ca_Desi_LG06	33.070
Ca_Desi_SNP2744	[T/C]	Ca_Desi_LG06	33.278
Ca_Desi_SNP2745	[G/A]	Ca_Desi_LG06	33.320
Ca_Desi_SNP2746	[C/T]	Ca_Desi_LG06	33.462
Ca_Desi_SNP2747	[G/A]	Ca_Desi_LG06	33.583
Ca_Desi_SNP2748	[A/C]	Ca_Desi_LG06	34.054
Ca_Desi_SNP2749	[C/T]	Ca_Desi_LG06	34.525
Ca_Desi_SNP2750	[T/G]	Ca_Desi_LG06	34.712
Ca_Desi_SNP2751	[A/C]	Ca_Desi_LG06	34.823
Ca_Desi_SNP2752	[T/A]	Ca_Desi_LG06	34.856
Ca_Desi_SNP2753	[A/C]	Ca_Desi_LG06	35.055
Ca_Desi_SNP2754	[T/G]	Ca_Desi_LG06	35.444
Ca_Desi_SNP2755	[A/C]	Ca_Desi_LG06	35.541

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2756	[T/C]	Ca_Desi_LG06	35.860
Ca_Desi_SNP2757	[G/T]	Ca_Desi_LG06	35.894
Ca_Desi_SNP2758	[A/C]	Ca_Desi_LG06	35.988
Ca_Desi_SNP2759	[G/T]	Ca_Desi_LG06	35.989
Ca_Desi_SNP2760	[C/T]	Ca_Desi_LG06	36.576
Ca_Desi_SNP2761	[T/C]	Ca_Desi_LG06	36.685
Ca_Desi_SNP2762	[A/G]	Ca_Desi_LG06	36.868
Ca_Desi_SNP2763	[G/A]	Ca_Desi_LG06	37.069
Ca_Desi_SNP2764	[T/C]	Ca_Desi_LG06	37.103
Ca_Desi_SNP2765	[A/G]	Ca_Desi_LG06	37.199
Ca_Desi_SNP2766	[C/T]	Ca_Desi_LG06	37.225
Ca_Desi_SNP2767	[G/A]	Ca_Desi_LG06	37.517
Ca_Desi_SNP2768	[A/G]	Ca_Desi_LG06	37.574
Ca_Desi_SNP2769	[C/T]	Ca_Desi_LG06	37.587
Ca_Desi_SNP2770	[C/G]	Ca_Desi_LG06	37.703
Ca_Desi_SNP2771	[C/G]	Ca_Desi_LG06	37.828
Ca_Desi_SNP2772	[A/T]	Ca_Desi_LG06	37.987
Ca_Desi_SNP2773	[T/A]	Ca_Desi_LG06	38.109
Ca_Desi_SNP2774	[G/A]	Ca_Desi_LG06	38.353
Ca_Desi_SNP2775	[A/G]	Ca_Desi_LG06	38.398
Ca_Desi_SNP2776	[C/A]	Ca_Desi_LG06	38.707
Ca_Desi_SNP2777	[T/C]	Ca_Desi_LG06	38.738
Ca_Desi_SNP2778	[T/C]	Ca_Desi_LG06	39.011
Ca_Desi_SNP2779	[C/T]	Ca_Desi_LG06	39.014
Ca_Desi_SNP2780	[G/A]	Ca_Desi_LG06	39.117
Ca_Desi_SNP2781	[A/C]	Ca_Desi_LG06	39.450
Ca_Desi_SNP2782	[G/A]	Ca_Desi_LG06	39.676
Ca_Desi_SNP2783	[T/A]	Ca_Desi_LG06	39.819
Ca_Desi_SNP2784	[T/G]	Ca_Desi_LG06	40.017
Ca_Desi_SNP2785	[C/T]	Ca_Desi_LG06	40.017
Ca_Desi_SNP2786	[C/T]	Ca_Desi_LG06	40.360

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2787	[A/G]	Ca_Desi_LG06	40.789
Ca_Desi_SNP2788	[G/T]	Ca_Desi_LG06	40.881
Ca_Desi_SNP2789	[T/C]	Ca_Desi_LG06	41.035
Ca_Desi_SNP2790	[A/G]	Ca_Desi_LG06	41.075
Ca_Desi_SNP2791	[T/C]	Ca_Desi_LG06	41.088
Ca_Desi_SNP2792	[T/A]	Ca_Desi_LG06	41.264
Ca_Desi_SNP2793	[T/C]	Ca_Desi_LG06	41.490
Ca_Desi_SNP2794	[C/A]	Ca_Desi_LG06	41.551
Ca_Desi_SNP2795	[C/A]	Ca_Desi_LG06	41.576
Ca_Desi_SNP2796	[C/T]	Ca_Desi_LG06	41.817
Ca_Desi_SNP2797	[G/A]	Ca_Desi_LG06	41.932
Ca_Desi_SNP2798	[A/G]	Ca_Desi_LG06	42.006
Ca_Desi_SNP2799	[A/C]	Ca_Desi_LG06	42.041
Ca_Desi_SNP2800	[G/A]	Ca_Desi_LG06	42.168
Ca_Desi_SNP2801	[A/T]	Ca_Desi_LG06	42.249
Ca_Desi_SNP2802	[C/T]	Ca_Desi_LG06	42.387
Ca_Desi_SNP2803	[C/T]	Ca_Desi_LG06	42.654
Ca_Desi_SNP2804	[G/T]	Ca_Desi_LG06	42.714
Ca_Desi_SNP2805	[C/T]	Ca_Desi_LG06	42.775
Ca_Desi_SNP2806	[T/G]	Ca_Desi_LG06	42.820
Ca_Desi_SNP2807	[T/C]	Ca_Desi_LG06	43.307
Ca_Desi_SNP2808	[A/C]	Ca_Desi_LG06	43.414
Ca_Desi_SNP2809	[A/G]	Ca_Desi_LG06	43.554
Ca_Desi_SNP2810	[T/C]	Ca_Desi_LG06	43.588
Ca_Desi_SNP2811	[T/C]	Ca_Desi_LG06	43.649
Ca_Desi_SNP2812	[T/G]	Ca_Desi_LG06	43.679
Ca_Desi_SNP2813	[G/A]	Ca_Desi_LG06	44.023
Ca_Desi_SNP2814	[A/G]	Ca_Desi_LG06	44.114
Ca_Desi_SNP2815	[A/G]	Ca_Desi_LG06	44.665
Ca_Desi_SNP2816	[T/C]	Ca_Desi_LG06	44.774
Ca_Desi_SNP2817	[C/T]	Ca_Desi_LG06	44.879

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2818	[A/C]	Ca_Desi_LG06	44.881
Ca_Desi_SNP2819	[A/C]	Ca_Desi_LG06	45.109
Ca_Desi_SNP2820	[T/C]	Ca_Desi_LG06	45.170
Ca_Desi_SNP2821	[G/A]	Ca_Desi_LG06	45.229
Ca_Desi_SNP2822	[T/C]	Ca_Desi_LG06	45.231
Ca_Desi_SNP2823	[T/C]	Ca_Desi_LG06	45.469
Ca_Desi_SNP2824	[G/T]	Ca_Desi_LG06	45.490
Ca_Desi_SNP2825	[A/G]	Ca_Desi_LG06	45.510
Ca_Desi_SNP2826	[C/T]	Ca_Desi_LG06	45.532
Ca_Desi_SNP2827	[G/T]	Ca_Desi_LG06	45.588
Ca_Desi_SNP2828	[T/A]	Ca_Desi_LG06	45.683
Ca_Desi_SNP2829	[A/G]	Ca_Desi_LG06	45.728
Ca_Desi_SNP2830	[T/C]	Ca_Desi_LG06	45.752
Ca_Desi_SNP2831	[T/C]	Ca_Desi_LG06	45.796
Ca_Desi_SNP2832	[T/C]	Ca_Desi_LG06	45.857
Ca_Desi_SNP2833	[G/A]	Ca_Desi_LG06	46.039
Ca_Desi_SNP2834	[G/A]	Ca_Desi_LG06	46.146
Ca_Desi_SNP2835	[A/C]	Ca_Desi_LG06	46.160
Ca_Desi_SNP2836	[A/G]	Ca_Desi_LG06	46.577
Ca_Desi_SNP2837	[A/C]	Ca_Desi_LG06	46.666
Ca_Desi_SNP2838	[C/T]	Ca_Desi_LG06	46.711
Ca_Desi_SNP2839	[A/C]	Ca_Desi_LG06	46.750
Ca_Desi_SNP2840	[A/T]	Ca_Desi_LG06	46.780
Ca_Desi_SNP2841	[A/G]	Ca_Desi_LG06	46.794
Ca_Desi_SNP2842	[T/A]	Ca_Desi_LG06	46.807
Ca_Desi_SNP2843	[T/G]	Ca_Desi_LG06	47.138
Ca_Desi_SNP2844	[G/A]	Ca_Desi_LG06	47.667
Ca_Desi_SNP2845	[A/C]	Ca_Desi_LG06	47.682
Ca_Desi_SNP2846	[A/T]	Ca_Desi_LG06	47.695
Ca_Desi_SNP2847	[A/C]	Ca_Desi_LG06	48.051
Ca_Desi_SNP2848	[A/G]	Ca_Desi_LG06	48.306

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2849	[T/G]	Ca_Desi_LG06	48.449
Ca_Desi_SNP2850	[T/C]	Ca_Desi_LG06	48.876
Ca_Desi_SNP2851	[C/G]	Ca_Desi_LG06	48.931
Ca_Desi_SNP2852	[A/C]	Ca_Desi_LG06	49.123
Ca_Desi_SNP2853	[T/A]	Ca_Desi_LG06	49.242
Ca_Desi_SNP2854	[G/A]	Ca_Desi_LG06	49.284
Ca_Desi_SNP2855	[T/C]	Ca_Desi_LG06	49.692
Ca_Desi_SNP2856	[G/T]	Ca_Desi_LG06	49.796
Ca_Desi_SNP2857	[A/G]	Ca_Desi_LG06	49.970
Ca_Desi_SNP2858	[G/C]	Ca_Desi_LG06	50.111
Ca_Desi_SNP2859	[T/G]	Ca_Desi_LG06	50.172
Ca_Desi_SNP2860	[C/T]	Ca_Desi_LG06	50.698
Ca_Desi_SNP2861	[T/C]	Ca_Desi_LG06	50.758
Ca_Desi_SNP2862	[T/C]	Ca_Desi_LG06	50.820
Ca_Desi_SNP2863	[A/G]	Ca_Desi_LG06	51.156
Ca_Desi_SNP2864	[A/C]	Ca_Desi_LG06	51.292
Ca_Desi_SNP2865	[T/G]	Ca_Desi_LG06	51.315
Ca_Desi_SNP2866	[A/G]	Ca_Desi_LG06	51.944
Ca_Desi_SNP2867	[C/A]	Ca_Desi_LG06	51.946
Ca_Desi_SNP2868	[A/C]	Ca_Desi_LG06	51.965
Ca_Desi_SNP2869	[T/C]	Ca_Desi_LG06	52.199
Ca_Desi_SNP2870	[T/C]	Ca_Desi_LG06	52.641
Ca_Desi_SNP2871	[A/C]	Ca_Desi_LG06	52.658
Ca_Desi_SNP2872	[G/A]	Ca_Desi_LG06	52.909
Ca_Desi_SNP2873	[T/C]	Ca_Desi_LG06	52.993
Ca_Desi_SNP2874	[T/C]	Ca_Desi_LG06	53.028
Ca_Desi_SNP2875	[T/C]	Ca_Desi_LG06	53.311
Ca_Desi_SNP2876	[C/T]	Ca_Desi_LG06	53.400
Ca_Desi_SNP2877	[T/G]	Ca_Desi_LG06	53.424
Ca_Desi_SNP2878	[G/A]	Ca_Desi_LG06	53.451
Ca_Desi_SNP2879	[A/C]	Ca_Desi_LG06	53.479

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2880	[A/C]	Ca_Desi_LG06	53.846
Ca_Desi_SNP2881	[T/A]	Ca_Desi_LG06	54.069
Ca_Desi_SNP2882	[A/G]	Ca_Desi_LG06	54.073
Ca_Desi_SNP2883	[T/C]	Ca_Desi_LG06	54.109
Ca_Desi_SNP2884	[G/T]	Ca_Desi_LG06	54.164
Ca_Desi_SNP2885	[A/G]	Ca_Desi_LG06	54.349
Ca_Desi_SNP2886	[A/T]	Ca_Desi_LG06	54.569
Ca_Desi_SNP2887	[A/C]	Ca_Desi_LG06	54.625
Ca_Desi_SNP2888	[G/A]	Ca_Desi_LG06	54.676
Ca_Desi_SNP2889	[A/C]	Ca_Desi_LG06	54.737
Ca_Desi_SNP2890	[A/G]	Ca_Desi_LG06	54.800
Ca_Desi_SNP2891	[A/G]	Ca_Desi_LG06	55.013
Ca_Desi_SNP2892	[T/C]	Ca_Desi_LG06	55.028
Ca_Desi_SNP2893	[T/G]	Ca_Desi_LG06	55.186
Ca_Desi_SNP2894	[A/C]	Ca_Desi_LG06	55.424
Ca_Desi_SNP2895	[T/G]	Ca_Desi_LG06	55.864
Ca_Desi_SNP2896	[T/C]	Ca_Desi_LG06	55.946
Ca_Desi_SNP2897	[T/C]	Ca_Desi_LG06	56.149
Ca_Desi_SNP2898	[C/T]	Ca_Desi_LG06	56.494
Ca_Desi_SNP2899	[A/C]	Ca_Desi_LG06	56.508
Ca_Desi_SNP2900	[A/G]	Ca_Desi_LG06	56.539
Ca_Desi_SNP2901	[G/A]	Ca_Desi_LG06	56.715
Ca_Desi_SNP2902	[G/T]	Ca_Desi_LG06	56.733
Ca_Desi_SNP2903	[A/C]	Ca_Desi_LG06	56.755
Ca_Desi_SNP2904	[A/C]	Ca_Desi_LG06	57.250
Ca_Desi_SNP2905	[C/T]	Ca_Desi_LG06	57.254
Ca_Desi_SNP2906	[A/C]	Ca_Desi_LG06	57.325
Ca_Desi_SNP2907	[T/G]	Ca_Desi_LG06	57.422
Ca_Desi_SNP2908	[C/A]	Ca_Desi_LG06	57.425
Ca_Desi_SNP2909	[A/G]	Ca_Desi_LG06	57.677
Ca_Desi_SNP2910	[T/A]	Ca_Desi_LG06	57.730

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2911	[T/A]	Ca_Desi_LG06	57.871
Ca_Desi_SNP2912	[G/T]	Ca_Desi_LG06	57.966
Ca_Desi_SNP2913	[A/C]	Ca_Desi_LG06	58.050
Ca_Desi_SNP2914	[T/C]	Ca_Desi_LG06	58.157
Ca_Desi_SNP2915	[G/T]	Ca_Desi_LG06	58.644
Ca_Desi_SNP2916	[A/C]	Ca_Desi_LG06	58.744
Ca_Desi_SNP2917	[T/G]	Ca_Desi_LG06	58.979
Ca_Desi_SNP2918	[A/G]	Ca_Desi_LG06	59.178
Ca_Desi_SNP2919	[C/T]	Ca_Desi_LG06	59.362
Ca_Desi_SNP2920	[C/T]	Ca_Desi_LG06	59.512
Ca_Desi_SNP2921	[T/C]	Ca_Desi_LG06	59.532
Ca_Desi_SNP2922	[C/T]	Ca_Desi_LG06	59.836
Ca_Desi_SNP2923	[G/A]	Ca_Desi_LG06	59.900
Ca_Desi_SNP2924	[T/C]	Ca_Desi_LG06	60.127
Ca_Desi_SNP2925	[A/C]	Ca_Desi_LG06	60.288
Ca_Desi_SNP2926	[A/T]	Ca_Desi_LG06	60.352
Ca_Desi_SNP2927	[T/C]	Ca_Desi_LG06	60.530
Ca_Desi_SNP2928	[G/A]	Ca_Desi_LG06	60.885
Ca_Desi_SNP2929	[G/A]	Ca_Desi_LG06	60.964
Ca_Desi_SNP2930	[C/A]	Ca_Desi_LG06	61.967
Ca_Desi_SNP2931	[C/A]	Ca_Desi_LG06	62.038
Ca_Desi_SNP2932	[T/C]	Ca_Desi_LG06	62.256
Ca_Desi_SNP2933	[G/T]	Ca_Desi_LG06	62.381
Ca_Desi_SNP2934	[C/A]	Ca_Desi_LG06	62.480
Ca_Desi_SNP2935	[A/G]	Ca_Desi_LG06	62.677
Ca_Desi_SNP2936	[A/T]	Ca_Desi_LG06	62.735
Ca_Desi_SNP2937	[G/A]	Ca_Desi_LG06	62.811
Ca_Desi_SNP2938	[G/A]	Ca_Desi_LG06	62.986
Ca_Desi_SNP2939	[T/C]	Ca_Desi_LG06	63.015
Ca_Desi_SNP2940	[A/G]	Ca_Desi_LG06	63.173
Ca_Desi_SNP2941	[C/T]	Ca_Desi_LG06	63.288



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP2942	[T/C]	Ca_Desi_LG06	63.290
Ca_Desi_SNP2943	[G/C]	Ca_Desi_LG06	63.369
Ca_Desi_SNP2944	[T/C]	Ca_Desi_LG06	63.533
Ca_Desi_SNP2945	[G/C]	Ca_Desi_LG06	63.684
Ca_Desi_SNP2946	[T/A]	Ca_Desi_LG06	63.888
Ca_Desi_SNP2947	[C/T]	Ca_Desi_LG06	63.996
Ca_Desi_SNP2948	[A/G]	Ca_Desi_LG06	64.307
Ca_Desi_SNP2949	[C/T]	Ca_Desi_LG06	64.578
Ca_Desi_SNP2950	[T/G]	Ca_Desi_LG06	64.725
Ca_Desi_SNP2951	[G/A]	Ca_Desi_LG06	64.900
Ca_Desi_SNP2952	[C/G]	Ca_Desi_LG06	65.074
Ca_Desi_SNP2953	[G/A]	Ca_Desi_LG06	65.144
Ca_Desi_SNP2954	[T/C]	Ca_Desi_LG06	65.806
Ca_Desi_SNP2955	[A/C]	Ca_Desi_LG06	65.837
Ca_Desi_SNP2956	[A/G]	Ca_Desi_LG06	66.043
Ca_Desi_SNP2957	[A/G]	Ca_Desi_LG06	66.046
Ca_Desi_SNP2958	[T/C]	Ca_Desi_LG06	66.092
Ca_Desi_SNP2959	[T/G]	Ca_Desi_LG06	66.369
Ca_Desi_SNP2960	[T/G]	Ca_Desi_LG06	66.699
Ca_Desi_SNP2961	[A/C]	Ca_Desi_LG06	66.754
Ca_Desi_SNP2962	[T/C]	Ca_Desi_LG06	67.060
Ca_Desi_SNP2963	[C/T]	Ca_Desi_LG06	67.196
Ca_Desi_SNP2964	[G/T]	Ca_Desi_LG06	67.790
Ca_Desi_SNP2965	[A/G]	Ca_Desi_LG06	67.997
Ca_Desi_SNP2966	[C/T]	Ca_Desi_LG06	68.102
Ca_Desi_SNP2967	[A/C]	Ca_Desi_LG06	68.282
Ca_Desi_SNP2968	[A/G]	Ca_Desi_LG06	68.471
Ca_Desi_SNP2969	[T/G]	Ca_Desi_LG06	68.560
Ca_Desi_SNP2970	[G/T]	Ca_Desi_LG06	68.564
Ca_Desi_SNP2971	[T/G]	Ca_Desi_LG06	69.062
Ca_Desi_SNP2972	[C/G]	Ca_Desi_LG06	69.223

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desig_SNP2973	[G/A]	Ca_Desig_LG06	69.407
Ca_Desig_SNP2974	[T/C]	Ca_Desig_LG06	69.439
Ca_Desig_SNP2975	[T/C]	Ca_Desig_LG06	69.735
Ca_Desig_SNP2976	[G/A]	Ca_Desig_LG06	69.785
Ca_Desig_SNP2977	[T/C]	Ca_Desig_LG06	70.041
Ca_Desig_SNP2978	[T/C]	Ca_Desig_LG06	70.071
Ca_Desig_SNP2979	[A/G]	Ca_Desig_LG06	70.322
Ca_Desig_SNP2980	[T/C]	Ca_Desig_LG06	70.536
Ca_Desig_SNP2981	[G/C]	Ca_Desig_LG06	71.494
Ca_Desig_SNP2982	[A/T]	Ca_Desig_LG06	72.057
Ca_Desig_SNP2983	[T/G]	Ca_Desig_LG06	72.216
Ca_Desig_SNP2984	[T/C]	Ca_Desig_LG06	72.274
Ca_Desig_SNP2985	[A/G]	Ca_Desig_LG06	73.465
Ca_Desig_SNP2986	[A/G]	Ca_Desig_LG06	73.544
Ca_Desig_SNP2987	[T/C]	Ca_Desig_LG06	73.577
Ca_Desig_SNP2988	[T/G]	Ca_Desig_LG06	73.994
Ca_Desig_SNP2989	[T/C]	Ca_Desig_LG06	75.127
Ca_Desig_SNP2990	[G/A]	Ca_Desig_LG06	75.986
Ca_Desig_SNP2991	[T/C]	Ca_Desig_LG06	76.795
Ca_Desig_SNP2992	[A/G]	Ca_Desig_LG06	76.952
Ca_Desig_SNP2993	[A/T]	Ca_Desig_LG06	77.157
Ca_Desig_SNP2994	[C/T]	Ca_Desig_LG06	77.497
Ca_Desig_SNP2995	[C/A]	Ca_Desig_LG06	78.929
Ca_Desig_SNP2996	[T/A]	Ca_Desig_LG06	79.362
Ca_Desig_SNP2997	[T/C]	Ca_Desig_LG06	79.404
Ca_Desig_SNP2998	[C/T]	Ca_Desig_LG06	82.775
Ca_Desig_SNP2999	[G/T]	Ca_Desig_LG06	83.224
Ca_Desig_SNP3000	[G/A]	Ca_Desig_LG06	84.404
Ca_Desig_SNP3001	[A/G]	Ca_Desig_LG06	84.604
Ca_Desig_SNP3002	[A/G]	Ca_Desig_LG06	85.048
Ca_Desig_SNP3003	[T/C]	Ca_Desig_LG06	85.182

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3004	[A/G]	Ca_Desi_LG06	86.201
Ca_Desi_SNP3005	[G/T]	Ca_Desi_LG06	87.601
Ca_Desi_SNP3006	[T/G]	Ca_Desi_LG07	0.000
Ca_Desi_SNP3007	[T/C]	Ca_Desi_LG07	1.014
Ca_Desi_SNP3008	[T/C]	Ca_Desi_LG07	1.550
Ca_Desi_SNP3009	[T/C]	Ca_Desi_LG07	1.591
Ca_Desi_SNP3010	[A/C]	Ca_Desi_LG07	1.652
Ca_Desi_SNP3011	[A/C]	Ca_Desi_LG07	1.680
Ca_Desi_SNP3012	[T/C]	Ca_Desi_LG07	2.858
Ca_Desi_SNP3013	[A/C]	Ca_Desi_LG07	3.387
Ca_Desi_SNP3014	[C/A]	Ca_Desi_LG07	3.414
Ca_Desi_SNP3015	[A/G]	Ca_Desi_LG07	4.643
Ca_Desi_SNP3016	[T/G]	Ca_Desi_LG07	4.961
Ca_Desi_SNP3017	[T/C]	Ca_Desi_LG07	5.342
Ca_Desi_SNP3018	[C/A]	Ca_Desi_LG07	6.094
Ca_Desi_SNP3019	[A/G]	Ca_Desi_LG07	7.157
Ca_Desi_SNP3020	[A/C]	Ca_Desi_LG07	7.166
Ca_Desi_SNP3021	[A/G]	Ca_Desi_LG07	7.278
Ca_Desi_SNP3022	[C/A]	Ca_Desi_LG07	7.289
Ca_Desi_SNP3023	[A/G]	Ca_Desi_LG07	7.403
Ca_Desi_SNP3024	[T/G]	Ca_Desi_LG07	7.453
Ca_Desi_SNP3025	[A/C]	Ca_Desi_LG07	7.687
Ca_Desi_SNP3026	[T/C]	Ca_Desi_LG07	7.701
Ca_Desi_SNP3027	[A/G]	Ca_Desi_LG07	7.745
Ca_Desi_SNP3028	[T/C]	Ca_Desi_LG07	8.442
Ca_Desi_SNP3029	[A/C]	Ca_Desi_LG07	8.444
Ca_Desi_SNP3030	[C/A]	Ca_Desi_LG07	8.790
Ca_Desi_SNP3031	[T/C]	Ca_Desi_LG07	8.873
Ca_Desi_SNP3032	[G/T]	Ca_Desi_LG07	9.351
Ca_Desi_SNP3033	[C/G]	Ca_Desi_LG07	9.932
Ca_Desi_SNP3034	[T/C]	Ca_Desi_LG07	10.199

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3035	[C/T]	Ca_Desi_LG07	10.304
Ca_Desi_SNP3036	[A/G]	Ca_Desi_LG07	10.407
Ca_Desi_SNP3037	[T/C]	Ca_Desi_LG07	10.424
Ca_Desi_SNP3038	[T/G]	Ca_Desi_LG07	10.759
Ca_Desi_SNP3039	[A/C]	Ca_Desi_LG07	10.942
Ca_Desi_SNP3040	[C/T]	Ca_Desi_LG07	11.044
Ca_Desi_SNP3041	[C/A]	Ca_Desi_LG07	11.363
Ca_Desi_SNP3042	[G/A]	Ca_Desi_LG07	11.569
Ca_Desi_SNP3043	[T/C]	Ca_Desi_LG07	12.006
Ca_Desi_SNP3044	[A/T]	Ca_Desi_LG07	12.154
Ca_Desi_SNP3045	[A/G]	Ca_Desi_LG07	12.285
Ca_Desi_SNP3046	[T/C]	Ca_Desi_LG07	12.489
Ca_Desi_SNP3047	[G/A]	Ca_Desi_LG07	13.236
Ca_Desi_SNP3048	[A/G]	Ca_Desi_LG07	13.466
Ca_Desi_SNP3049	[A/G]	Ca_Desi_LG07	13.613
Ca_Desi_SNP3050	[A/C]	Ca_Desi_LG07	14.150
Ca_Desi_SNP3051	[A/G]	Ca_Desi_LG07	14.259
Ca_Desi_SNP3052	[T/C]	Ca_Desi_LG07	14.424
Ca_Desi_SNP3053	[A/C]	Ca_Desi_LG07	14.724
Ca_Desi_SNP3054	[T/G]	Ca_Desi_LG07	14.836
Ca_Desi_SNP3055	[T/C]	Ca_Desi_LG07	15.299
Ca_Desi_SNP3056	[A/G]	Ca_Desi_LG07	15.469
Ca_Desi_SNP3057	[A/C]	Ca_Desi_LG07	15.869
Ca_Desi_SNP3058	[G/A]	Ca_Desi_LG07	16.227
Ca_Desi_SNP3059	[A/G]	Ca_Desi_LG07	16.242
Ca_Desi_SNP3060	[A/C]	Ca_Desi_LG07	16.477
Ca_Desi_SNP3061	[A/G]	Ca_Desi_LG07	16.485
Ca_Desi_SNP3062	[G/T]	Ca_Desi_LG07	16.832
Ca_Desi_SNP3063	[T/C]	Ca_Desi_LG07	16.852
Ca_Desi_SNP3064	[A/G]	Ca_Desi_LG07	17.560
Ca_Desi_SNP3065	[T/G]	Ca_Desi_LG07	17.648

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3066	[T/A]	Ca_Desi_LG07	17.765
Ca_Desi_SNP3067	[T/C]	Ca_Desi_LG07	17.857
Ca_Desi_SNP3068	[T/C]	Ca_Desi_LG07	18.042
Ca_Desi_SNP3069	[C/A]	Ca_Desi_LG07	18.335
Ca_Desi_SNP3070	[T/C]	Ca_Desi_LG07	18.727
Ca_Desi_SNP3071	[A/C]	Ca_Desi_LG07	19.035
Ca_Desi_SNP3072	[A/G]	Ca_Desi_LG07	20.681
Ca_Desi_SNP3073	[T/C]	Ca_Desi_LG07	20.687
Ca_Desi_SNP3074	[T/A]	Ca_Desi_LG07	20.890
Ca_Desi_SNP3075	[T/C]	Ca_Desi_LG07	21.296
Ca_Desi_SNP3076	[T/C]	Ca_Desi_LG07	21.648
Ca_Desi_SNP3077	[C/A]	Ca_Desi_LG07	22.457
Ca_Desi_SNP3078	[T/C]	Ca_Desi_LG07	22.653
Ca_Desi_SNP3079	[T/C]	Ca_Desi_LG07	22.774
Ca_Desi_SNP3080	[A/G]	Ca_Desi_LG07	22.866
Ca_Desi_SNP3081	[G/C]	Ca_Desi_LG07	23.190
Ca_Desi_SNP3082	[T/C]	Ca_Desi_LG07	23.508
Ca_Desi_SNP3083	[C/A]	Ca_Desi_LG07	23.542
Ca_Desi_SNP3084	[A/G]	Ca_Desi_LG07	23.584
Ca_Desi_SNP3085	[A/C]	Ca_Desi_LG07	24.208
Ca_Desi_SNP3086	[A/G]	Ca_Desi_LG07	24.422
Ca_Desi_SNP3087	[T/C]	Ca_Desi_LG07	24.428
Ca_Desi_SNP3088	[T/G]	Ca_Desi_LG07	24.584
Ca_Desi_SNP3089	[T/C]	Ca_Desi_LG07	24.832
Ca_Desi_SNP3090	[C/A]	Ca_Desi_LG07	24.837
Ca_Desi_SNP3091	[C/A]	Ca_Desi_LG07	24.848
Ca_Desi_SNP3092	[T/C]	Ca_Desi_LG07	24.926
Ca_Desi_SNP3093	[C/T]	Ca_Desi_LG07	25.333
Ca_Desi_SNP3094	[C/T]	Ca_Desi_LG07	25.472
Ca_Desi_SNP3095	[C/G]	Ca_Desi_LG07	26.078
Ca_Desi_SNP3096	[T/G]	Ca_Desi_LG07	26.279

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3097	[C/A]	Ca_Desi_LG07	26.369
Ca_Desi_SNP3098	[G/C]	Ca_Desi_LG07	26.633
Ca_Desi_SNP3099	[A/G]	Ca_Desi_LG07	26.835
Ca_Desi_SNP3100	[A/G]	Ca_Desi_LG07	26.879
Ca_Desi_SNP3101	[T/C]	Ca_Desi_LG07	26.885
Ca_Desi_SNP3102	[A/G]	Ca_Desi_LG07	27.167
Ca_Desi_SNP3103	[G/A]	Ca_Desi_LG07	27.212
Ca_Desi_SNP3104	[T/C]	Ca_Desi_LG07	27.261
Ca_Desi_SNP3105	[G/A]	Ca_Desi_LG07	27.284
Ca_Desi_SNP3106	[A/C]	Ca_Desi_LG07	27.457
Ca_Desi_SNP3107	[T/G]	Ca_Desi_LG07	27.490
Ca_Desi_SNP3108	[G/C]	Ca_Desi_LG07	27.560
Ca_Desi_SNP3109	[A/G]	Ca_Desi_LG07	27.689
Ca_Desi_SNP3110	[C/T]	Ca_Desi_LG07	27.751
Ca_Desi_SNP3111	[G/A]	Ca_Desi_LG07	27.884
Ca_Desi_SNP3112	[C/T]	Ca_Desi_LG07	28.137
Ca_Desi_SNP3113	[T/G]	Ca_Desi_LG07	28.215
Ca_Desi_SNP3114	[C/T]	Ca_Desi_LG07	28.398
Ca_Desi_SNP3115	[A/C]	Ca_Desi_LG07	28.537
Ca_Desi_SNP3116	[A/C]	Ca_Desi_LG07	28.627
Ca_Desi_SNP3117	[A/C]	Ca_Desi_LG07	28.724
Ca_Desi_SNP3118	[T/G]	Ca_Desi_LG07	28.746
Ca_Desi_SNP3119	[G/T]	Ca_Desi_LG07	28.888
Ca_Desi_SNP3120	[C/T]	Ca_Desi_LG07	29.134
Ca_Desi_SNP3121	[A/G]	Ca_Desi_LG07	29.182
Ca_Desi_SNP3122	[A/C]	Ca_Desi_LG07	29.504
Ca_Desi_SNP3123	[A/G]	Ca_Desi_LG07	29.561
Ca_Desi_SNP3124	[A/G]	Ca_Desi_LG07	29.689
Ca_Desi_SNP3125	[T/C]	Ca_Desi_LG07	29.703
Ca_Desi_SNP3126	[T/C]	Ca_Desi_LG07	29.822
Ca_Desi_SNP3127	[C/A]	Ca_Desi_LG07	29.898

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3128	[G/A]	Ca_Desi_LG07	30.307
Ca_Desi_SNP3129	[A/C]	Ca_Desi_LG07	30.550
Ca_Desi_SNP3130	[C/T]	Ca_Desi_LG07	30.789
Ca_Desi_SNP3131	[T/G]	Ca_Desi_LG07	30.951
Ca_Desi_SNP3132	[T/C]	Ca_Desi_LG07	31.012
Ca_Desi_SNP3133	[T/G]	Ca_Desi_LG07	31.029
Ca_Desi_SNP3134	[T/G]	Ca_Desi_LG07	31.040
Ca_Desi_SNP3135	[A/T]	Ca_Desi_LG07	31.195
Ca_Desi_SNP3136	[C/T]	Ca_Desi_LG07	31.196
Ca_Desi_SNP3137	[T/C]	Ca_Desi_LG07	31.249
Ca_Desi_SNP3138	[T/C]	Ca_Desi_LG07	31.396
Ca_Desi_SNP3139	[G/A]	Ca_Desi_LG07	31.429
Ca_Desi_SNP3140	[A/G]	Ca_Desi_LG07	31.520
Ca_Desi_SNP3141	[C/G]	Ca_Desi_LG07	31.609
Ca_Desi_SNP3142	[T/G]	Ca_Desi_LG07	31.838
Ca_Desi_SNP3143	[G/A]	Ca_Desi_LG07	31.919
Ca_Desi_SNP3144	[T/C]	Ca_Desi_LG07	32.292
Ca_Desi_SNP3145	[G/T]	Ca_Desi_LG07	32.329
Ca_Desi_SNP3146	[G/A]	Ca_Desi_LG07	32.371
Ca_Desi_SNP3147	[A/T]	Ca_Desi_LG07	32.502
Ca_Desi_SNP3148	[T/C]	Ca_Desi_LG07	32.506
Ca_Desi_SNP3149	[T/C]	Ca_Desi_LG07	32.586
Ca_Desi_SNP3150	[A/G]	Ca_Desi_LG07	32.997
Ca_Desi_SNP3151	[C/G]	Ca_Desi_LG07	33.246
Ca_Desi_SNP3152	[A/G]	Ca_Desi_LG07	33.316
Ca_Desi_SNP3153	[G/A]	Ca_Desi_LG07	33.544
Ca_Desi_SNP3154	[G/A]	Ca_Desi_LG07	33.718
Ca_Desi_SNP3155	[T/C]	Ca_Desi_LG07	33.835
Ca_Desi_SNP3156	[A/C]	Ca_Desi_LG07	34.103
Ca_Desi_SNP3157	[T/A]	Ca_Desi_LG07	34.458
Ca_Desi_SNP3158	[C/T]	Ca_Desi_LG07	34.818

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3159	[T/C]	Ca_Desi_LG07	34.858
Ca_Desi_SNP3160	[A/G]	Ca_Desi_LG07	35.043
Ca_Desi_SNP3161	[A/G]	Ca_Desi_LG07	35.227
Ca_Desi_SNP3162	[C/T]	Ca_Desi_LG07	35.292
Ca_Desi_SNP3163	[A/T]	Ca_Desi_LG07	35.298
Ca_Desi_SNP3164	[A/G]	Ca_Desi_LG07	35.433
Ca_Desi_SNP3165	[T/C]	Ca_Desi_LG07	35.434
Ca_Desi_SNP3166	[A/T]	Ca_Desi_LG07	35.496
Ca_Desi_SNP3167	[T/C]	Ca_Desi_LG07	35.587
Ca_Desi_SNP3168	[G/A]	Ca_Desi_LG07	35.875
Ca_Desi_SNP3169	[A/C]	Ca_Desi_LG07	35.916
Ca_Desi_SNP3170	[T/G]	Ca_Desi_LG07	36.337
Ca_Desi_SNP3171	[C/T]	Ca_Desi_LG07	36.383
Ca_Desi_SNP3172	[T/G]	Ca_Desi_LG07	36.436
Ca_Desi_SNP3173	[A/G]	Ca_Desi_LG07	36.457
Ca_Desi_SNP3174	[C/A]	Ca_Desi_LG07	36.459
Ca_Desi_SNP3175	[G/C]	Ca_Desi_LG07	36.511
Ca_Desi_SNP3176	[A/G]	Ca_Desi_LG07	36.530
Ca_Desi_SNP3177	[T/A]	Ca_Desi_LG07	36.621
Ca_Desi_SNP3178	[C/T]	Ca_Desi_LG07	36.707
Ca_Desi_SNP3179	[T/G]	Ca_Desi_LG07	36.909
Ca_Desi_SNP3180	[C/T]	Ca_Desi_LG07	37.333
Ca_Desi_SNP3181	[G/T]	Ca_Desi_LG07	37.671
Ca_Desi_SNP3182	[T/G]	Ca_Desi_LG07	37.711
Ca_Desi_SNP3183	[G/T]	Ca_Desi_LG07	37.785
Ca_Desi_SNP3184	[A/G]	Ca_Desi_LG07	38.125
Ca_Desi_SNP3185	[G/T]	Ca_Desi_LG07	38.563
Ca_Desi_SNP3186	[G/A]	Ca_Desi_LG07	38.607
Ca_Desi_SNP3187	[C/T]	Ca_Desi_LG07	38.618
Ca_Desi_SNP3188	[A/C]	Ca_Desi_LG07	39.289
Ca_Desi_SNP3189	[T/G]	Ca_Desi_LG07	39.329



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3190	[C/T]	Ca_Desi_LG07	39.470
Ca_Desi_SNP3191	[A/T]	Ca_Desi_LG07	39.649
Ca_Desi_SNP3192	[G/A]	Ca_Desi_LG07	39.672
Ca_Desi_SNP3193	[C/A]	Ca_Desi_LG07	39.735
Ca_Desi_SNP3194	[T/G]	Ca_Desi_LG07	40.143
Ca_Desi_SNP3195	[A/G]	Ca_Desi_LG07	40.432
Ca_Desi_SNP3196	[C/G]	Ca_Desi_LG07	40.563
Ca_Desi_SNP3197	[G/A]	Ca_Desi_LG07	40.602
Ca_Desi_SNP3198	[G/A]	Ca_Desi_LG07	40.724
Ca_Desi_SNP3199	[C/T]	Ca_Desi_LG07	41.434
Ca_Desi_SNP3200	[C/T]	Ca_Desi_LG07	41.561
Ca_Desi_SNP3201	[C/T]	Ca_Desi_LG07	41.623
Ca_Desi_SNP3202	[C/T]	Ca_Desi_LG07	41.854
Ca_Desi_SNP3203	[A/G]	Ca_Desi_LG07	41.898
Ca_Desi_SNP3204	[G/T]	Ca_Desi_LG07	41.977
Ca_Desi_SNP3205	[A/T]	Ca_Desi_LG07	41.998
Ca_Desi_SNP3206	[A/C]	Ca_Desi_LG07	41.999
Ca_Desi_SNP3207	[T/C]	Ca_Desi_LG07	42.100
Ca_Desi_SNP3208	[T/G]	Ca_Desi_LG07	42.522
Ca_Desi_SNP3209	[G/T]	Ca_Desi_LG07	42.561
Ca_Desi_SNP3210	[T/G]	Ca_Desi_LG07	42.606
Ca_Desi_SNP3211	[A/G]	Ca_Desi_LG07	42.800
Ca_Desi_SNP3212	[T/G]	Ca_Desi_LG07	42.862
Ca_Desi_SNP3213	[G/A]	Ca_Desi_LG07	42.897
Ca_Desi_SNP3214	[A/G]	Ca_Desi_LG07	42.933
Ca_Desi_SNP3215	[A/T]	Ca_Desi_LG07	43.070
Ca_Desi_SNP3216	[T/C]	Ca_Desi_LG07	43.071
Ca_Desi_SNP3217	[C/G]	Ca_Desi_LG07	43.110
Ca_Desi_SNP3218	[G/A]	Ca_Desi_LG07	43.228
Ca_Desi_SNP3219	[A/G]	Ca_Desi_LG07	43.405
Ca_Desi_SNP3220	[T/C]	Ca_Desi_LG07	43.529

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3221	[T/C]	Ca_Desi_LG07	43.654
Ca_Desi_SNP3222	[A/G]	Ca_Desi_LG07	43.825
Ca_Desi_SNP3223	[A/G]	Ca_Desi_LG07	43.830
Ca_Desi_SNP3224	[T/C]	Ca_Desi_LG07	43.866
Ca_Desi_SNP3225	[C/A]	Ca_Desi_LG07	44.427
Ca_Desi_SNP3226	[A/C]	Ca_Desi_LG07	44.534
Ca_Desi_SNP3227	[T/C]	Ca_Desi_LG07	44.578
Ca_Desi_SNP3228	[C/T]	Ca_Desi_LG07	44.735
Ca_Desi_SNP3229	[G/A]	Ca_Desi_LG07	44.790
Ca_Desi_SNP3230	[G/A]	Ca_Desi_LG07	44.792
Ca_Desi_SNP3231	[T/C]	Ca_Desi_LG07	45.036
Ca_Desi_SNP3232	[A/G]	Ca_Desi_LG07	45.282
Ca_Desi_SNP3233	[A/G]	Ca_Desi_LG07	45.385
Ca_Desi_SNP3234	[T/C]	Ca_Desi_LG07	45.604
Ca_Desi_SNP3235	[C/G]	Ca_Desi_LG07	45.724
Ca_Desi_SNP3236	[C/A]	Ca_Desi_LG07	45.791
Ca_Desi_SNP3237	[T/C]	Ca_Desi_LG07	45.938
Ca_Desi_SNP3238	[T/C]	Ca_Desi_LG07	47.058
Ca_Desi_SNP3239	[A/G]	Ca_Desi_LG07	47.232
Ca_Desi_SNP3240	[C/A]	Ca_Desi_LG07	47.290
Ca_Desi_SNP3241	[A/C]	Ca_Desi_LG07	47.507
Ca_Desi_SNP3242	[A/G]	Ca_Desi_LG07	48.289
Ca_Desi_SNP3243	[G/A]	Ca_Desi_LG07	48.751
Ca_Desi_SNP3244	[C/A]	Ca_Desi_LG07	48.954
Ca_Desi_SNP3245	[T/C]	Ca_Desi_LG07	49.226
Ca_Desi_SNP3246	[A/G]	Ca_Desi_LG07	49.284
Ca_Desi_SNP3247	[G/A]	Ca_Desi_LG07	49.367
Ca_Desi_SNP3248	[A/C]	Ca_Desi_LG07	49.377
Ca_Desi_SNP3249	[A/C]	Ca_Desi_LG07	50.078
Ca_Desi_SNP3250	[C/T]	Ca_Desi_LG07	50.317
Ca_Desi_SNP3251	[C/T]	Ca_Desi_LG07	50.349

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3252	[T/C]	Ca_Desi_LG07	50.395
Ca_Desi_SNP3253	[T/A]	Ca_Desi_LG07	50.527
Ca_Desi_SNP3254	[T/G]	Ca_Desi_LG07	51.257
Ca_Desi_SNP3255	[C/T]	Ca_Desi_LG07	51.299
Ca_Desi_SNP3256	[A/C]	Ca_Desi_LG07	51.846
Ca_Desi_SNP3257	[A/C]	Ca_Desi_LG07	51.888
Ca_Desi_SNP3258	[A/T]	Ca_Desi_LG07	51.984
Ca_Desi_SNP3259	[A/G]	Ca_Desi_LG07	52.282
Ca_Desi_SNP3260	[T/G]	Ca_Desi_LG07	52.435
Ca_Desi_SNP3261	[G/A]	Ca_Desi_LG07	52.596
Ca_Desi_SNP3262	[C/A]	Ca_Desi_LG07	53.191
Ca_Desi_SNP3263	[A/G]	Ca_Desi_LG07	53.442
Ca_Desi_SNP3264	[G/T]	Ca_Desi_LG07	53.482
Ca_Desi_SNP3265	[A/C]	Ca_Desi_LG07	53.575
Ca_Desi_SNP3266	[A/G]	Ca_Desi_LG07	53.596
Ca_Desi_SNP3267	[A/G]	Ca_Desi_LG07	54.031
Ca_Desi_SNP3268	[T/G]	Ca_Desi_LG07	54.097
Ca_Desi_SNP3269	[A/T]	Ca_Desi_LG07	54.679
Ca_Desi_SNP3270	[T/G]	Ca_Desi_LG07	54.705
Ca_Desi_SNP3271	[T/G]	Ca_Desi_LG07	54.792
Ca_Desi_SNP3272	[C/T]	Ca_Desi_LG07	54.802
Ca_Desi_SNP3273	[C/A]	Ca_Desi_LG07	55.041
Ca_Desi_SNP3274	[A/C]	Ca_Desi_LG07	55.156
Ca_Desi_SNP3275	[T/G]	Ca_Desi_LG07	55.228
Ca_Desi_SNP3276	[T/G]	Ca_Desi_LG07	55.255
Ca_Desi_SNP3277	[A/C]	Ca_Desi_LG07	56.386
Ca_Desi_SNP3278	[T/G]	Ca_Desi_LG07	56.559
Ca_Desi_SNP3279	[A/G]	Ca_Desi_LG07	56.764
Ca_Desi_SNP3280	[C/G]	Ca_Desi_LG07	56.802
Ca_Desi_SNP3281	[T/A]	Ca_Desi_LG07	57.275
Ca_Desi_SNP3282	[A/C]	Ca_Desi_LG07	57.373

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3283	[A/G]	Ca_Desi_LG07	57.622
Ca_Desi_SNP3284	[C/T]	Ca_Desi_LG07	57.719
Ca_Desi_SNP3285	[A/G]	Ca_Desi_LG07	57.843
Ca_Desi_SNP3286	[A/G]	Ca_Desi_LG07	57.959
Ca_Desi_SNP3287	[A/C]	Ca_Desi_LG07	58.030
Ca_Desi_SNP3288	[A/G]	Ca_Desi_LG07	58.060
Ca_Desi_SNP3289	[A/G]	Ca_Desi_LG07	58.150
Ca_Desi_SNP3290	[C/T]	Ca_Desi_LG07	58.197
Ca_Desi_SNP3291	[T/G]	Ca_Desi_LG07	58.469
Ca_Desi_SNP3292	[A/G]	Ca_Desi_LG07	58.513
Ca_Desi_SNP3293	[T/C]	Ca_Desi_LG07	58.553
Ca_Desi_SNP3294	[A/G]	Ca_Desi_LG07	58.736
Ca_Desi_SNP3295	[T/C]	Ca_Desi_LG07	59.121
Ca_Desi_SNP3296	[A/T]	Ca_Desi_LG07	59.198
Ca_Desi_SNP3297	[T/C]	Ca_Desi_LG07	59.353
Ca_Desi_SNP3298	[A/G]	Ca_Desi_LG07	59.561
Ca_Desi_SNP3299	[A/G]	Ca_Desi_LG07	59.719
Ca_Desi_SNP3300	[A/C]	Ca_Desi_LG07	59.969
Ca_Desi_SNP3301	[C/T]	Ca_Desi_LG07	60.242
Ca_Desi_SNP3302	[A/G]	Ca_Desi_LG07	60.316
Ca_Desi_SNP3303	[A/C]	Ca_Desi_LG07	61.140
Ca_Desi_SNP3304	[T/C]	Ca_Desi_LG07	61.778
Ca_Desi_SNP3305	[C/G]	Ca_Desi_LG07	61.887
Ca_Desi_SNP3306	[A/G]	Ca_Desi_LG07	62.086
Ca_Desi_SNP3307	[A/G]	Ca_Desi_LG07	62.367
Ca_Desi_SNP3308	[A/G]	Ca_Desi_LG07	62.484
Ca_Desi_SNP3309	[C/G]	Ca_Desi_LG07	62.695
Ca_Desi_SNP3310	[C/T]	Ca_Desi_LG07	62.993
Ca_Desi_SNP3311	[A/G]	Ca_Desi_LG07	63.055
Ca_Desi_SNP3312	[A/G]	Ca_Desi_LG07	63.067
Ca_Desi_SNP3313	[G/A]	Ca_Desi_LG07	63.674

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3314	[T/C]	Ca_Desi_LG07	63.792
Ca_Desi_SNP3315	[A/C]	Ca_Desi_LG07	63.926
Ca_Desi_SNP3316	[T/C]	Ca_Desi_LG07	64.185
Ca_Desi_SNP3317	[T/C]	Ca_Desi_LG07	64.304
Ca_Desi_SNP3318	[A/C]	Ca_Desi_LG07	64.925
Ca_Desi_SNP3319	[G/A]	Ca_Desi_LG07	64.944
Ca_Desi_SNP3320	[A/G]	Ca_Desi_LG07	65.266
Ca_Desi_SNP3321	[T/G]	Ca_Desi_LG07	65.326
Ca_Desi_SNP3322	[G/A]	Ca_Desi_LG07	65.994
Ca_Desi_SNP3323	[C/T]	Ca_Desi_LG07	66.154
Ca_Desi_SNP3324	[C/T]	Ca_Desi_LG07	66.564
Ca_Desi_SNP3325	[C/A]	Ca_Desi_LG07	67.069
Ca_Desi_SNP3326	[C/T]	Ca_Desi_LG07	67.259
Ca_Desi_SNP3327	[T/C]	Ca_Desi_LG07	67.260
Ca_Desi_SNP3328	[A/G]	Ca_Desi_LG07	67.562
Ca_Desi_SNP3329	[T/A]	Ca_Desi_LG07	68.509
Ca_Desi_SNP3330	[A/G]	Ca_Desi_LG07	68.885
Ca_Desi_SNP3331	[T/A]	Ca_Desi_LG07	68.901
Ca_Desi_SNP3332	[A/G]	Ca_Desi_LG07	70.137
Ca_Desi_SNP3333	[C/G]	Ca_Desi_LG07	70.874
Ca_Desi_SNP3334	[C/T]	Ca_Desi_LG07	71.415
Ca_Desi_SNP3335	[T/G]	Ca_Desi_LG07	71.902
Ca_Desi_SNP3336	[C/A]	Ca_Desi_LG07	72.125
Ca_Desi_SNP3337	[G/A]	Ca_Desi_LG07	72.506
Ca_Desi_SNP3338	[A/G]	Ca_Desi_LG07	73.168
Ca_Desi_SNP3339	[A/G]	Ca_Desi_LG07	74.352
Ca_Desi_SNP3340	[T/C]	Ca_Desi_LG07	75.210
Ca_Desi_SNP3341	[T/C]	Ca_Desi_LG07	75.253
Ca_Desi_SNP3342	[T/G]	Ca_Desi_LG07	75.491
Ca_Desi_SNP3343	[C/T]	Ca_Desi_LG07	77.740
Ca_Desi_SNP3344	[G/T]	Ca_Desi_LG07	87.821

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3345	[C/A]	Ca_Desi_LG08	0.000
Ca_Desi_SNP3346	[A/G]	Ca_Desi_LG08	0.340
Ca_Desi_SNP3347	[C/A]	Ca_Desi_LG08	0.603
Ca_Desi_SNP3348	[A/G]	Ca_Desi_LG08	1.078
Ca_Desi_SNP3349	[A/G]	Ca_Desi_LG08	1.621
Ca_Desi_SNP3350	[T/C]	Ca_Desi_LG08	2.357
Ca_Desi_SNP3351	[A/G]	Ca_Desi_LG08	2.731
Ca_Desi_SNP3352	[G/A]	Ca_Desi_LG08	3.079
Ca_Desi_SNP3353	[T/A]	Ca_Desi_LG08	3.922
Ca_Desi_SNP3354	[G/A]	Ca_Desi_LG08	5.042
Ca_Desi_SNP3355	[A/G]	Ca_Desi_LG08	5.183
Ca_Desi_SNP3356	[T/C]	Ca_Desi_LG08	5.705
Ca_Desi_SNP3357	[A/G]	Ca_Desi_LG08	7.258
Ca_Desi_SNP3358	[A/G]	Ca_Desi_LG08	8.242
Ca_Desi_SNP3359	[G/A]	Ca_Desi_LG08	8.558
Ca_Desi_SNP3360	[G/A]	Ca_Desi_LG08	8.729
Ca_Desi_SNP3361	[C/A]	Ca_Desi_LG08	8.873
Ca_Desi_SNP3362	[C/G]	Ca_Desi_LG08	9.540
Ca_Desi_SNP3363	[T/C]	Ca_Desi_LG08	9.661
Ca_Desi_SNP3364	[C/A]	Ca_Desi_LG08	10.113
Ca_Desi_SNP3365	[T/G]	Ca_Desi_LG08	10.320
Ca_Desi_SNP3366	[A/T]	Ca_Desi_LG08	10.572
Ca_Desi_SNP3367	[A/C]	Ca_Desi_LG08	10.632
Ca_Desi_SNP3368	[A/G]	Ca_Desi_LG08	10.879
Ca_Desi_SNP3369	[A/G]	Ca_Desi_LG08	11.100
Ca_Desi_SNP3370	[C/T]	Ca_Desi_LG08	11.262
Ca_Desi_SNP3371	[A/C]	Ca_Desi_LG08	11.366
Ca_Desi_SNP3372	[A/G]	Ca_Desi_LG08	11.725
Ca_Desi_SNP3373	[T/G]	Ca_Desi_LG08	11.745
Ca_Desi_SNP3374	[T/G]	Ca_Desi_LG08	12.047
Ca_Desi_SNP3375	[G/A]	Ca_Desi_LG08	12.064

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3376	[T/C]	Ca_Desi_LG08	13.112
Ca_Desi_SNP3377	[A/G]	Ca_Desi_LG08	13.656
Ca_Desi_SNP3378	[T/C]	Ca_Desi_LG08	13.832
Ca_Desi_SNP3379	[G/A]	Ca_Desi_LG08	14.383
Ca_Desi_SNP3380	[C/T]	Ca_Desi_LG08	14.916
Ca_Desi_SNP3381	[T/C]	Ca_Desi_LG08	15.680
Ca_Desi_SNP3382	[T/C]	Ca_Desi_LG08	16.660
Ca_Desi_SNP3383	[T/C]	Ca_Desi_LG08	17.169
Ca_Desi_SNP3384	[G/C]	Ca_Desi_LG08	18.339
Ca_Desi_SNP3385	[C/T]	Ca_Desi_LG08	18.690
Ca_Desi_SNP3386	[A/T]	Ca_Desi_LG08	19.091
Ca_Desi_SNP3387	[T/C]	Ca_Desi_LG08	19.508
Ca_Desi_SNP3388	[T/C]	Ca_Desi_LG08	19.650
Ca_Desi_SNP3389	[G/C]	Ca_Desi_LG08	19.651
Ca_Desi_SNP3390	[G/T]	Ca_Desi_LG08	19.733
Ca_Desi_SNP3391	[C/G]	Ca_Desi_LG08	20.146
Ca_Desi_SNP3392	[T/C]	Ca_Desi_LG08	20.174
Ca_Desi_SNP3393	[G/A]	Ca_Desi_LG08	20.558
Ca_Desi_SNP3394	[G/C]	Ca_Desi_LG08	20.582
Ca_Desi_SNP3395	[T/G]	Ca_Desi_LG08	20.724
Ca_Desi_SNP3396	[G/A]	Ca_Desi_LG08	21.005
Ca_Desi_SNP3397	[T/C]	Ca_Desi_LG08	21.044
Ca_Desi_SNP3398	[C/A]	Ca_Desi_LG08	21.049
Ca_Desi_SNP3399	[A/G]	Ca_Desi_LG08	21.137
Ca_Desi_SNP3400	[T/G]	Ca_Desi_LG08	21.329
Ca_Desi_SNP3401	[C/T]	Ca_Desi_LG08	21.382
Ca_Desi_SNP3402	[C/T]	Ca_Desi_LG08	21.882
Ca_Desi_SNP3403	[A/T]	Ca_Desi_LG08	21.921
Ca_Desi_SNP3404	[C/T]	Ca_Desi_LG08	21.949
Ca_Desi_SNP3405	[T/C]	Ca_Desi_LG08	21.953
Ca_Desi_SNP3406	[T/A]	Ca_Desi_LG08	21.971

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3407	[G/A]	Ca_Desi_LG08	21.976
Ca_Desi_SNP3408	[G/T]	Ca_Desi_LG08	22.014
Ca_Desi_SNP3409	[C/G]	Ca_Desi_LG08	22.207
Ca_Desi_SNP3410	[T/C]	Ca_Desi_LG08	22.232
Ca_Desi_SNP3411	[A/G]	Ca_Desi_LG08	22.455
Ca_Desi_SNP3412	[C/T]	Ca_Desi_LG08	22.610
Ca_Desi_SNP3413	[A/G]	Ca_Desi_LG08	22.777
Ca_Desi_SNP3414	[A/C]	Ca_Desi_LG08	22.789
Ca_Desi_SNP3415	[C/T]	Ca_Desi_LG08	22.790
Ca_Desi_SNP3416	[G/A]	Ca_Desi_LG08	22.818
Ca_Desi_SNP3417	[A/C]	Ca_Desi_LG08	22.912
Ca_Desi_SNP3418	[G/A]	Ca_Desi_LG08	23.656
Ca_Desi_SNP3419	[T/G]	Ca_Desi_LG08	23.664
Ca_Desi_SNP3420	[T/A]	Ca_Desi_LG08	23.935
Ca_Desi_SNP3421	[C/T]	Ca_Desi_LG08	24.262
Ca_Desi_SNP3422	[C/A]	Ca_Desi_LG08	24.434
Ca_Desi_SNP3423	[G/A]	Ca_Desi_LG08	24.547
Ca_Desi_SNP3424	[T/G]	Ca_Desi_LG08	24.855
Ca_Desi_SNP3425	[T/C]	Ca_Desi_LG08	25.610
Ca_Desi_SNP3426	[T/G]	Ca_Desi_LG08	25.753
Ca_Desi_SNP3427	[A/T]	Ca_Desi_LG08	25.756
Ca_Desi_SNP3428	[G/A]	Ca_Desi_LG08	25.812
Ca_Desi_SNP3429	[A/G]	Ca_Desi_LG08	26.103
Ca_Desi_SNP3430	[C/G]	Ca_Desi_LG08	26.439
Ca_Desi_SNP3431	[G/A]	Ca_Desi_LG08	26.439
Ca_Desi_SNP3432	[A/G]	Ca_Desi_LG08	26.516
Ca_Desi_SNP3433	[G/T]	Ca_Desi_LG08	26.835
Ca_Desi_SNP3434	[T/G]	Ca_Desi_LG08	27.063
Ca_Desi_SNP3435	[A/G]	Ca_Desi_LG08	27.550
Ca_Desi_SNP3436	[C/T]	Ca_Desi_LG08	27.788
Ca_Desi_SNP3437	[G/T]	Ca_Desi_LG08	27.834



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3438	[A/G]	Ca_Desi_LG08	27.909
Ca_Desi_SNP3439	[T/G]	Ca_Desi_LG08	27.981
Ca_Desi_SNP3440	[C/T]	Ca_Desi_LG08	28.612
Ca_Desi_SNP3441	[C/G]	Ca_Desi_LG08	28.997
Ca_Desi_SNP3442	[C/G]	Ca_Desi_LG08	29.105
Ca_Desi_SNP3443	[A/C]	Ca_Desi_LG08	29.244
Ca_Desi_SNP3444	[G/A]	Ca_Desi_LG08	29.389
Ca_Desi_SNP3445	[A/G]	Ca_Desi_LG08	29.455
Ca_Desi_SNP3446	[T/G]	Ca_Desi_LG08	30.042
Ca_Desi_SNP3447	[A/C]	Ca_Desi_LG08	30.299
Ca_Desi_SNP3448	[T/C]	Ca_Desi_LG08	30.430
Ca_Desi_SNP3449	[T/C]	Ca_Desi_LG08	30.550
Ca_Desi_SNP3450	[A/C]	Ca_Desi_LG08	30.629
Ca_Desi_SNP3451	[A/G]	Ca_Desi_LG08	31.181
Ca_Desi_SNP3452	[T/A]	Ca_Desi_LG08	32.666
Ca_Desi_SNP3453	[A/T]	Ca_Desi_LG08	32.873
Ca_Desi_SNP3454	[C/G]	Ca_Desi_LG08	34.621
Ca_Desi_SNP3455	[A/G]	Ca_Desi_LG08	34.668
Ca_Desi_SNP3456	[T/G]	Ca_Desi_LG08	34.738
Ca_Desi_SNP3457	[T/G]	Ca_Desi_LG08	35.325
Ca_Desi_SNP3458	[T/C]	Ca_Desi_LG08	35.810
Ca_Desi_SNP3459	[G/A]	Ca_Desi_LG08	36.055
Ca_Desi_SNP3460	[A/G]	Ca_Desi_LG08	36.209
Ca_Desi_SNP3461	[A/G]	Ca_Desi_LG08	36.253
Ca_Desi_SNP3462	[T/G]	Ca_Desi_LG08	36.340
Ca_Desi_SNP3463	[G/A]	Ca_Desi_LG08	36.542
Ca_Desi_SNP3464	[C/T]	Ca_Desi_LG08	36.803
Ca_Desi_SNP3465	[C/T]	Ca_Desi_LG08	37.290
Ca_Desi_SNP3466	[A/C]	Ca_Desi_LG08	37.963
Ca_Desi_SNP3467	[A/G]	Ca_Desi_LG08	38.257
Ca_Desi_SNP3468	[T/G]	Ca_Desi_LG08	38.628

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3469	[A/G]	Ca_Desi_LG08	38.657
Ca_Desi_SNP3470	[T/G]	Ca_Desi_LG08	38.824
Ca_Desi_SNP3471	[T/C]	Ca_Desi_LG08	39.091
Ca_Desi_SNP3472	[C/T]	Ca_Desi_LG08	39.843
Ca_Desi_SNP3473	[T/C]	Ca_Desi_LG08	40.210
Ca_Desi_SNP3474	[A/C]	Ca_Desi_LG08	40.402
Ca_Desi_SNP3475	[T/G]	Ca_Desi_LG08	40.777
Ca_Desi_SNP3476	[A/G]	Ca_Desi_LG08	40.793
Ca_Desi_SNP3477	[A/C]	Ca_Desi_LG08	41.009
Ca_Desi_SNP3478	[T/G]	Ca_Desi_LG08	41.031
Ca_Desi_SNP3479	[A/T]	Ca_Desi_LG08	41.254
Ca_Desi_SNP3480	[A/G]	Ca_Desi_LG08	41.740
Ca_Desi_SNP3481	[A/G]	Ca_Desi_LG08	42.006
Ca_Desi_SNP3482	[G/A]	Ca_Desi_LG08	42.361
Ca_Desi_SNP3483	[A/C]	Ca_Desi_LG08	42.377
Ca_Desi_SNP3484	[A/C]	Ca_Desi_LG08	42.485
Ca_Desi_SNP3485	[A/G]	Ca_Desi_LG08	42.492
Ca_Desi_SNP3486	[A/G]	Ca_Desi_LG08	42.569
Ca_Desi_SNP3487	[T/G]	Ca_Desi_LG08	43.068
Ca_Desi_SNP3488	[T/C]	Ca_Desi_LG08	43.329
Ca_Desi_SNP3489	[A/C]	Ca_Desi_LG08	43.764
Ca_Desi_SNP3490	[C/T]	Ca_Desi_LG08	44.015
Ca_Desi_SNP3491	[T/G]	Ca_Desi_LG08	44.194
Ca_Desi_SNP3492	[A/T]	Ca_Desi_LG08	44.663
Ca_Desi_SNP3493	[A/G]	Ca_Desi_LG08	44.882
Ca_Desi_SNP3494	[G/A]	Ca_Desi_LG08	45.071
Ca_Desi_SNP3495	[C/G]	Ca_Desi_LG08	45.440
Ca_Desi_SNP3496	[T/C]	Ca_Desi_LG08	45.879
Ca_Desi_SNP3497	[C/A]	Ca_Desi_LG08	45.989
Ca_Desi_SNP3498	[G/T]	Ca_Desi_LG08	46.059
Ca_Desi_SNP3499	[A/C]	Ca_Desi_LG08	46.342

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3500	[C/T]	Ca_Desi_LG08	46.352
Ca_Desi_SNP3501	[C/T]	Ca_Desi_LG08	47.010
Ca_Desi_SNP3502	[T/C]	Ca_Desi_LG08	47.164
Ca_Desi_SNP3503	[G/A]	Ca_Desi_LG08	47.438
Ca_Desi_SNP3504	[A/G]	Ca_Desi_LG08	47.454
Ca_Desi_SNP3505	[A/C]	Ca_Desi_LG08	47.750
Ca_Desi_SNP3506	[T/A]	Ca_Desi_LG08	47.947
Ca_Desi_SNP3507	[C/A]	Ca_Desi_LG08	48.426
Ca_Desi_SNP3508	[C/A]	Ca_Desi_LG08	48.559
Ca_Desi_SNP3509	[T/A]	Ca_Desi_LG08	49.495
Ca_Desi_SNP3510	[A/G]	Ca_Desi_LG08	49.591
Ca_Desi_SNP3511	[T/G]	Ca_Desi_LG08	49.635
Ca_Desi_SNP3512	[T/C]	Ca_Desi_LG08	49.676
Ca_Desi_SNP3513	[G/A]	Ca_Desi_LG08	49.792
Ca_Desi_SNP3514	[G/C]	Ca_Desi_LG08	49.829
Ca_Desi_SNP3515	[T/C]	Ca_Desi_LG08	49.938
Ca_Desi_SNP3516	[T/C]	Ca_Desi_LG08	50.067
Ca_Desi_SNP3517	[T/C]	Ca_Desi_LG08	50.074
Ca_Desi_SNP3518	[T/C]	Ca_Desi_LG08	50.174
Ca_Desi_SNP3519	[A/C]	Ca_Desi_LG08	50.202
Ca_Desi_SNP3520	[T/G]	Ca_Desi_LG08	50.204
Ca_Desi_SNP3521	[A/C]	Ca_Desi_LG08	50.549
Ca_Desi_SNP3522	[A/T]	Ca_Desi_LG08	50.617
Ca_Desi_SNP3523	[C/A]	Ca_Desi_LG08	50.623
Ca_Desi_SNP3524	[T/C]	Ca_Desi_LG08	51.029
Ca_Desi_SNP3525	[G/T]	Ca_Desi_LG08	51.542
Ca_Desi_SNP3526	[G/T]	Ca_Desi_LG08	51.556
Ca_Desi_SNP3527	[A/G]	Ca_Desi_LG08	51.751
Ca_Desi_SNP3528	[G/C]	Ca_Desi_LG08	51.842
Ca_Desi_SNP3529	[A/C]	Ca_Desi_LG08	51.862
Ca_Desi_SNP3530	[C/A]	Ca_Desi_LG08	52.211

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3531	[C/G]	Ca_Desi_LG08	52.456
Ca_Desi_SNP3532	[A/T]	Ca_Desi_LG08	52.468
Ca_Desi_SNP3533	[A/C]	Ca_Desi_LG08	53.645
Ca_Desi_SNP3534	[C/A]	Ca_Desi_LG08	53.727
Ca_Desi_SNP3535	[T/G]	Ca_Desi_LG08	53.793
Ca_Desi_SNP3536	[T/G]	Ca_Desi_LG08	54.055
Ca_Desi_SNP3537	[T/C]	Ca_Desi_LG08	54.212
Ca_Desi_SNP3538	[A/G]	Ca_Desi_LG08	54.218
Ca_Desi_SNP3539	[A/G]	Ca_Desi_LG08	54.457
Ca_Desi_SNP3540	[C/A]	Ca_Desi_LG08	54.497
Ca_Desi_SNP3541	[C/G]	Ca_Desi_LG08	54.553
Ca_Desi_SNP3542	[A/T]	Ca_Desi_LG08	54.593
Ca_Desi_SNP3543	[T/C]	Ca_Desi_LG08	54.839
Ca_Desi_SNP3544	[A/G]	Ca_Desi_LG08	54.904
Ca_Desi_SNP3545	[C/T]	Ca_Desi_LG08	55.002
Ca_Desi_SNP3546	[C/T]	Ca_Desi_LG08	55.050
Ca_Desi_SNP3547	[A/C]	Ca_Desi_LG08	55.244
Ca_Desi_SNP3548	[A/G]	Ca_Desi_LG08	55.939
Ca_Desi_SNP3549	[C/G]	Ca_Desi_LG08	56.131
Ca_Desi_SNP3550	[G/A]	Ca_Desi_LG08	56.287
Ca_Desi_SNP3551	[A/G]	Ca_Desi_LG08	56.294
Ca_Desi_SNP3552	[C/G]	Ca_Desi_LG08	56.429
Ca_Desi_SNP3553	[A/C]	Ca_Desi_LG08	56.482
Ca_Desi_SNP3554	[T/G]	Ca_Desi_LG08	56.577
Ca_Desi_SNP3555	[T/G]	Ca_Desi_LG08	57.041
Ca_Desi_SNP3556	[A/G]	Ca_Desi_LG08	57.270
Ca_Desi_SNP3557	[T/C]	Ca_Desi_LG08	57.292
Ca_Desi_SNP3558	[T/G]	Ca_Desi_LG08	57.626
Ca_Desi_SNP3559	[T/G]	Ca_Desi_LG08	57.855
Ca_Desi_SNP3560	[A/G]	Ca_Desi_LG08	57.861
Ca_Desi_SNP3561	[T/A]	Ca_Desi_LG08	58.066

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3562	[T/G]	Ca_Desi_LG08	58.139
Ca_Desi_SNP3563	[T/A]	Ca_Desi_LG08	59.089
Ca_Desi_SNP3564	[T/A]	Ca_Desi_LG08	59.130
Ca_Desi_SNP3565	[T/C]	Ca_Desi_LG08	59.490
Ca_Desi_SNP3566	[G/A]	Ca_Desi_LG08	59.519
Ca_Desi_SNP3567	[A/G]	Ca_Desi_LG08	59.585
Ca_Desi_SNP3568	[G/A]	Ca_Desi_LG08	59.613
Ca_Desi_SNP3569	[A/G]	Ca_Desi_LG08	59.913
Ca_Desi_SNP3570	[G/T]	Ca_Desi_LG08	59.921
Ca_Desi_SNP3571	[T/C]	Ca_Desi_LG08	60.149
Ca_Desi_SNP3572	[C/T]	Ca_Desi_LG08	60.533
Ca_Desi_SNP3573	[T/A]	Ca_Desi_LG08	60.605
Ca_Desi_SNP3574	[C/T]	Ca_Desi_LG08	60.784
Ca_Desi_SNP3575	[A/G]	Ca_Desi_LG08	60.871
Ca_Desi_SNP3576	[A/G]	Ca_Desi_LG08	60.894
Ca_Desi_SNP3577	[G/A]	Ca_Desi_LG08	60.958
Ca_Desi_SNP3578	[G/A]	Ca_Desi_LG08	61.006
Ca_Desi_SNP3579	[G/A]	Ca_Desi_LG08	61.503
Ca_Desi_SNP3580	[A/C]	Ca_Desi_LG08	61.786
Ca_Desi_SNP3581	[T/C]	Ca_Desi_LG08	61.989
Ca_Desi_SNP3582	[A/G]	Ca_Desi_LG08	62.020
Ca_Desi_SNP3583	[T/C]	Ca_Desi_LG08	62.119
Ca_Desi_SNP3584	[C/T]	Ca_Desi_LG08	62.240
Ca_Desi_SNP3585	[A/G]	Ca_Desi_LG08	62.590
Ca_Desi_SNP3586	[T/C]	Ca_Desi_LG08	62.997
Ca_Desi_SNP3587	[A/G]	Ca_Desi_LG08	63.151
Ca_Desi_SNP3588	[T/C]	Ca_Desi_LG08	63.406
Ca_Desi_SNP3589	[A/G]	Ca_Desi_LG08	63.731
Ca_Desi_SNP3590	[A/G]	Ca_Desi_LG08	63.815
Ca_Desi_SNP3591	[T/G]	Ca_Desi_LG08	63.850
Ca_Desi_SNP3592	[T/G]	Ca_Desi_LG08	64.099

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3593	[A/G]	Ca_Desi_LG08	64.489
Ca_Desi_SNP3594	[G/T]	Ca_Desi_LG08	64.662
Ca_Desi_SNP3595	[A/G]	Ca_Desi_LG08	64.671
Ca_Desi_SNP3596	[A/G]	Ca_Desi_LG08	64.776
Ca_Desi_SNP3597	[G/A]	Ca_Desi_LG08	64.925
Ca_Desi_SNP3598	[C/A]	Ca_Desi_LG08	65.180
Ca_Desi_SNP3599	[A/T]	Ca_Desi_LG08	65.229
Ca_Desi_SNP3600	[T/G]	Ca_Desi_LG08	65.498
Ca_Desi_SNP3601	[A/G]	Ca_Desi_LG08	65.499
Ca_Desi_SNP3602	[A/G]	Ca_Desi_LG08	65.529
Ca_Desi_SNP3603	[T/A]	Ca_Desi_LG08	65.657
Ca_Desi_SNP3604	[A/G]	Ca_Desi_LG08	66.029
Ca_Desi_SNP3605	[G/T]	Ca_Desi_LG08	66.290
Ca_Desi_SNP3606	[T/C]	Ca_Desi_LG08	66.881
Ca_Desi_SNP3607	[A/G]	Ca_Desi_LG08	67.785
Ca_Desi_SNP3608	[A/G]	Ca_Desi_LG08	67.838
Ca_Desi_SNP3609	[A/G]	Ca_Desi_LG08	68.508
Ca_Desi_SNP3610	[T/G]	Ca_Desi_LG08	69.895
Ca_Desi_SNP3611	[C/A]	Ca_Desi_LG08	69.976
Ca_Desi_SNP3612	[A/G]	Ca_Desi_LG08	70.526
Ca_Desi_SNP3613	[T/C]	Ca_Desi_LG08	71.006
Ca_Desi_SNP3614	[T/G]	Ca_Desi_LG08	71.265
Ca_Desi_SNP3615	[T/C]	Ca_Desi_LG08	71.606
Ca_Desi_SNP3616	[C/T]	Ca_Desi_LG08	71.844
Ca_Desi_SNP3617	[A/C]	Ca_Desi_LG08	73.520
Ca_Desi_SNP3618	[A/C]	Ca_Desi_LG08	76.736
Ca_Desi_SNP3619	[T/G]	Ca_Desi_LG08	77.683
Ca_Desi_SNP3620	[A/G]	Ca_Desi_LG08	78.156
Ca_Desi_SNP3621	[G/A]	Ca_Desi_LG08	78.509
Ca_Desi_SNP3622	[T/C]	Ca_Desi_LG08	79.375
Ca_Desi_SNP3623	[A/T]	Ca_Desi_LG08	80.766

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Desi_SNP3624	[A/C]	Ca_Desi_LG08	81.334
Ca_Desi_SNP3625	[T/C]	Ca_Desi_LG08	89.085
Ca_Kabuli_SNP1	[A/G]	Ca_Kabuli_LG01	0.000
Ca_Kabuli_SNP2	[C/A]	Ca_Kabuli_LG01	0.900
Ca_Kabuli_SNP3	[C/T]	Ca_Kabuli_LG01	1.633
Ca_Kabuli_SNP4	[C/T]	Ca_Kabuli_LG01	1.825
Ca_Kabuli_SNP5	[G/C]	Ca_Kabuli_LG01	1.927
Ca_Kabuli_SNP6	[A/G]	Ca_Kabuli_LG01	2.251
Ca_Kabuli_SNP7	[G/A]	Ca_Kabuli_LG01	2.575
Ca_Kabuli_SNP8	[A/C]	Ca_Kabuli_LG01	2.800
Ca_Kabuli_SNP9	[G/A]	Ca_Kabuli_LG01	2.919
Ca_Kabuli_SNP10	[A/T]	Ca_Kabuli_LG01	2.970
Ca_Kabuli_SNP11	[T/C]	Ca_Kabuli_LG01	3.018
Ca_Kabuli_SNP12	[G/A]	Ca_Kabuli_LG01	3.374
Ca_Kabuli_SNP13	[G/A]	Ca_Kabuli_LG01	3.694
Ca_Kabuli_SNP14	[C/A]	Ca_Kabuli_LG01	3.824
Ca_Kabuli_SNP15	[G/A]	Ca_Kabuli_LG01	3.842
Ca_Kabuli_SNP16	[T/G]	Ca_Kabuli_LG01	4.350
Ca_Kabuli_SNP17	[A/G]	Ca_Kabuli_LG01	5.266
Ca_Kabuli_SNP18	[G/T]	Ca_Kabuli_LG01	5.327
Ca_Kabuli_SNP19	[G/C]	Ca_Kabuli_LG01	5.724
Ca_Kabuli_SNP20	[G/A]	Ca_Kabuli_LG01	5.851
Ca_Kabuli_SNP21	[A/G]	Ca_Kabuli_LG01	5.878
Ca_Kabuli_SNP22	[A/G]	Ca_Kabuli_LG01	5.878
Ca_Kabuli_SNP23	[T/G]	Ca_Kabuli_LG01	6.039
Ca_Kabuli_SNP24	[C/G]	Ca_Kabuli_LG01	6.319
Ca_Kabuli_SNP25	[C/T]	Ca_Kabuli_LG01	6.566
Ca_Kabuli_SNP26	[C/A]	Ca_Kabuli_LG01	7.142
Ca_Kabuli_SNP27	[C/T]	Ca_Kabuli_LG01	7.551
Ca_Kabuli_SNP28	[G/A]	Ca_Kabuli_LG01	7.624
Ca_Kabuli_SNP29	[T/G]	Ca_Kabuli_LG01	7.909

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP30	[T/A]	Ca_Kabuli_LG01	9.159
Ca_Kabuli_SNP31	[A/T]	Ca_Kabuli_LG01	9.159
Ca_Kabuli_SNP32	[A/G]	Ca_Kabuli_LG01	9.681
Ca_Kabuli_SNP33	[A/G]	Ca_Kabuli_LG01	9.858
Ca_Kabuli_SNP34	[T/C]	Ca_Kabuli_LG01	10.407
Ca_Kabuli_SNP35	[G/A]	Ca_Kabuli_LG01	10.531
Ca_Kabuli_SNP36	[C/G]	Ca_Kabuli_LG01	10.868
Ca_Kabuli_SNP37	[C/A]	Ca_Kabuli_LG01	11.244
Ca_Kabuli_SNP38	[C/A]	Ca_Kabuli_LG01	11.440
Ca_Kabuli_SNP39	[A/C]	Ca_Kabuli_LG01	11.470
Ca_Kabuli_SNP40	[C/T]	Ca_Kabuli_LG01	11.550
Ca_Kabuli_SNP41	[C/T]	Ca_Kabuli_LG01	11.684
Ca_Kabuli_SNP42	[C/G]	Ca_Kabuli_LG01	12.016
Ca_Kabuli_SNP43	[C/T]	Ca_Kabuli_LG01	12.247
Ca_Kabuli_SNP44	[A/G]	Ca_Kabuli_LG01	12.329
Ca_Kabuli_SNP45	[C/T]	Ca_Kabuli_LG01	12.329
Ca_Kabuli_SNP46	[T/C]	Ca_Kabuli_LG01	12.372
Ca_Kabuli_SNP47	[T/C]	Ca_Kabuli_LG01	12.383
Ca_Kabuli_SNP48	[T/G]	Ca_Kabuli_LG01	13.072
Ca_Kabuli_SNP49	[G/A]	Ca_Kabuli_LG01	13.172
Ca_Kabuli_SNP50	[T/C]	Ca_Kabuli_LG01	13.684
Ca_Kabuli_SNP51	[G/T]	Ca_Kabuli_LG01	13.687
Ca_Kabuli_SNP52	[T/C]	Ca_Kabuli_LG01	13.690
Ca_Kabuli_SNP53	[A/C]	Ca_Kabuli_LG01	13.967
Ca_Kabuli_SNP54	[C/G]	Ca_Kabuli_LG01	14.733
Ca_Kabuli_SNP55	[G/C]	Ca_Kabuli_LG01	14.910
Ca_Kabuli_SNP56	[T/A]	Ca_Kabuli_LG01	14.917
Ca_Kabuli_SNP57	[G/T]	Ca_Kabuli_LG01	15.803
Ca_Kabuli_SNP58	[G/A]	Ca_Kabuli_LG01	15.854
Ca_Kabuli_SNP59	[A/T]	Ca_Kabuli_LG01	16.201
Ca_Kabuli_SNP60	[C/T]	Ca_Kabuli_LG01	16.264



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP61	[C/T]	Ca_Kabuli_LG01	17.512
Ca_Kabuli_SNP62	[C/T]	Ca_Kabuli_LG01	17.983
Ca_Kabuli_SNP63	[T/C]	Ca_Kabuli_LG01	18.218
Ca_Kabuli_SNP64	[A/G]	Ca_Kabuli_LG01	19.082
Ca_Kabuli_SNP65	[T/G]	Ca_Kabuli_LG01	19.143
Ca_Kabuli_SNP66	[C/T]	Ca_Kabuli_LG01	19.270
Ca_Kabuli_SNP67	[A/T]	Ca_Kabuli_LG01	19.416
Ca_Kabuli_SNP68	[C/T]	Ca_Kabuli_LG01	19.518
Ca_Kabuli_SNP69	[T/C]	Ca_Kabuli_LG01	19.524
Ca_Kabuli_SNP70	[G/T]	Ca_Kabuli_LG01	20.091
Ca_Kabuli_SNP71	[G/A]	Ca_Kabuli_LG01	20.096
Ca_Kabuli_SNP72	[T/C]	Ca_Kabuli_LG01	20.136
Ca_Kabuli_SNP73	[G/A]	Ca_Kabuli_LG01	20.218
Ca_Kabuli_SNP74	[T/G]	Ca_Kabuli_LG01	20.429
Ca_Kabuli_SNP75	[T/G]	Ca_Kabuli_LG01	20.690
Ca_Kabuli_SNP76	[G/A]	Ca_Kabuli_LG01	20.710
Ca_Kabuli_SNP77	[C/T]	Ca_Kabuli_LG01	20.984
Ca_Kabuli_SNP78	[G/A]	Ca_Kabuli_LG01	21.231
Ca_Kabuli_SNP79	[A/C]	Ca_Kabuli_LG01	22.695
Ca_Kabuli_SNP80	[C/T]	Ca_Kabuli_LG01	22.719
Ca_Kabuli_SNP81	[G/A]	Ca_Kabuli_LG01	23.310
Ca_Kabuli_SNP82	[T/G]	Ca_Kabuli_LG01	23.371
Ca_Kabuli_SNP83	[T/A]	Ca_Kabuli_LG01	23.418
Ca_Kabuli_SNP84	[G/A]	Ca_Kabuli_LG01	23.874
Ca_Kabuli_SNP85	[C/T]	Ca_Kabuli_LG01	24.053
Ca_Kabuli_SNP86	[A/C]	Ca_Kabuli_LG01	24.199
Ca_Kabuli_SNP87	[A/T]	Ca_Kabuli_LG01	24.539
Ca_Kabuli_SNP88	[G/A]	Ca_Kabuli_LG01	24.751
Ca_Kabuli_SNP89	[A/C]	Ca_Kabuli_LG01	25.076
Ca_Kabuli_SNP90	[T/G]	Ca_Kabuli_LG01	25.234
Ca_Kabuli_SNP91	[A/G]	Ca_Kabuli_LG01	25.255

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP92	[C/A]	Ca_Kabuli_LG01	25.312
Ca_Kabuli_SNP93	[A/G]	Ca_Kabuli_LG01	25.430
Ca_Kabuli_SNP94	[T/G]	Ca_Kabuli_LG01	25.859
Ca_Kabuli_SNP95	[A/T]	Ca_Kabuli_LG01	25.939
Ca_Kabuli_SNP96	[T/G]	Ca_Kabuli_LG01	25.939
Ca_Kabuli_SNP97	[C/G]	Ca_Kabuli_LG01	26.255
Ca_Kabuli_SNP98	[T/C]	Ca_Kabuli_LG01	26.376
Ca_Kabuli_SNP99	[A/T]	Ca_Kabuli_LG01	26.386
Ca_Kabuli_SNP100	[T/C]	Ca_Kabuli_LG01	26.562
Ca_Kabuli_SNP101	[C/T]	Ca_Kabuli_LG01	27.145
Ca_Kabuli_SNP102	[T/G]	Ca_Kabuli_LG01	27.579
Ca_Kabuli_SNP103	[G/T]	Ca_Kabuli_LG01	27.668
Ca_Kabuli_SNP104	[T/A]	Ca_Kabuli_LG01	27.935
Ca_Kabuli_SNP105	[A/G]	Ca_Kabuli_LG01	28.218
Ca_Kabuli_SNP106	[C/G]	Ca_Kabuli_LG01	28.601
Ca_Kabuli_SNP107	[T/C]	Ca_Kabuli_LG01	28.764
Ca_Kabuli_SNP108	[A/C]	Ca_Kabuli_LG01	28.827
Ca_Kabuli_SNP109	[C/T]	Ca_Kabuli_LG01	29.148
Ca_Kabuli_SNP110	[A/C]	Ca_Kabuli_LG01	29.971
Ca_Kabuli_SNP111	[A/G]	Ca_Kabuli_LG01	30.185
Ca_Kabuli_SNP112	[C/T]	Ca_Kabuli_LG01	30.379
Ca_Kabuli_SNP113	[A/T]	Ca_Kabuli_LG01	30.570
Ca_Kabuli_SNP114	[A/C]	Ca_Kabuli_LG01	30.605
Ca_Kabuli_SNP115	[C/A]	Ca_Kabuli_LG01	30.854
Ca_Kabuli_SNP116	[T/A]	Ca_Kabuli_LG01	31.077
Ca_Kabuli_SNP117	[T/C]	Ca_Kabuli_LG01	31.376
Ca_Kabuli_SNP118	[T/C]	Ca_Kabuli_LG01	31.674
Ca_Kabuli_SNP119	[C/A]	Ca_Kabuli_LG01	31.864
Ca_Kabuli_SNP120	[C/T]	Ca_Kabuli_LG01	32.237
Ca_Kabuli_SNP121	[A/C]	Ca_Kabuli_LG01	32.447
Ca_Kabuli_SNP122	[G/A]	Ca_Kabuli_LG01	32.464

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP123	[G/A]	Ca_Kabuli_LG01	32.592
Ca_Kabuli_SNP124	[T/C]	Ca_Kabuli_LG01	32.678
Ca_Kabuli_SNP125	[A/G]	Ca_Kabuli_LG01	32.941
Ca_Kabuli_SNP126	[T/A]	Ca_Kabuli_LG01	33.279
Ca_Kabuli_SNP127	[A/G]	Ca_Kabuli_LG01	33.429
Ca_Kabuli_SNP128	[A/T]	Ca_Kabuli_LG01	33.473
Ca_Kabuli_SNP129	[C/A]	Ca_Kabuli_LG01	33.597
Ca_Kabuli_SNP130	[A/C]	Ca_Kabuli_LG01	33.677
Ca_Kabuli_SNP131	[T/G]	Ca_Kabuli_LG01	33.723
Ca_Kabuli_SNP132	[A/C]	Ca_Kabuli_LG01	33.761
Ca_Kabuli_SNP133	[A/G]	Ca_Kabuli_LG01	33.825
Ca_Kabuli_SNP134	[A/G]	Ca_Kabuli_LG01	34.045
Ca_Kabuli_SNP135	[T/A]	Ca_Kabuli_LG01	34.057
Ca_Kabuli_SNP136	[C/G]	Ca_Kabuli_LG01	35.230
Ca_Kabuli_SNP137	[A/G]	Ca_Kabuli_LG01	35.620
Ca_Kabuli_SNP138	[T/C]	Ca_Kabuli_LG01	35.720
Ca_Kabuli_SNP139	[C/T]	Ca_Kabuli_LG01	35.765
Ca_Kabuli_SNP140	[G/A]	Ca_Kabuli_LG01	35.804
Ca_Kabuli_SNP141	[A/T]	Ca_Kabuli_LG01	36.236
Ca_Kabuli_SNP142	[G/A]	Ca_Kabuli_LG01	36.322
Ca_Kabuli_SNP143	[T/G]	Ca_Kabuli_LG01	36.456
Ca_Kabuli_SNP144	[C/A]	Ca_Kabuli_LG01	36.826
Ca_Kabuli_SNP145	[A/C]	Ca_Kabuli_LG01	37.177
Ca_Kabuli_SNP146	[G/C]	Ca_Kabuli_LG01	37.486
Ca_Kabuli_SNP147	[T/G]	Ca_Kabuli_LG01	38.001
Ca_Kabuli_SNP148	[T/G]	Ca_Kabuli_LG01	38.043
Ca_Kabuli_SNP149	[A/G]	Ca_Kabuli_LG01	38.170
Ca_Kabuli_SNP150	[T/G]	Ca_Kabuli_LG01	38.490
Ca_Kabuli_SNP151	[G/T]	Ca_Kabuli_LG01	38.628
Ca_Kabuli_SNP152	[T/G]	Ca_Kabuli_LG01	38.645
Ca_Kabuli_SNP153	[C/G]	Ca_Kabuli_LG01	39.070

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP154	[A/C]	Ca_Kabuli_LG01	39.092
Ca_Kabuli_SNP155	[C/T]	Ca_Kabuli_LG01	39.310
Ca_Kabuli_SNP156	[A/C]	Ca_Kabuli_LG01	39.425
Ca_Kabuli_SNP157	[A/C]	Ca_Kabuli_LG01	39.468
Ca_Kabuli_SNP158	[T/G]	Ca_Kabuli_LG01	39.624
Ca_Kabuli_SNP159	[T/C]	Ca_Kabuli_LG01	40.141
Ca_Kabuli_SNP160	[T/G]	Ca_Kabuli_LG01	40.487
Ca_Kabuli_SNP161	[A/G]	Ca_Kabuli_LG01	40.499
Ca_Kabuli_SNP162	[A/G]	Ca_Kabuli_LG01	40.565
Ca_Kabuli_SNP163	[A/C]	Ca_Kabuli_LG01	40.642
Ca_Kabuli_SNP164	[A/C]	Ca_Kabuli_LG01	40.724
Ca_Kabuli_SNP165	[C/G]	Ca_Kabuli_LG01	40.732
Ca_Kabuli_SNP166	[A/G]	Ca_Kabuli_LG01	41.215
Ca_Kabuli_SNP167	[G/T]	Ca_Kabuli_LG01	41.481
Ca_Kabuli_SNP168	[G/A]	Ca_Kabuli_LG01	41.780
Ca_Kabuli_SNP169	[T/G]	Ca_Kabuli_LG01	41.875
Ca_Kabuli_SNP170	[C/A]	Ca_Kabuli_LG01	42.125
Ca_Kabuli_SNP171	[A/C]	Ca_Kabuli_LG01	42.138
Ca_Kabuli_SNP172	[A/G]	Ca_Kabuli_LG01	42.398
Ca_Kabuli_SNP173	[C/T]	Ca_Kabuli_LG01	42.616
Ca_Kabuli_SNP174	[A/G]	Ca_Kabuli_LG01	43.009
Ca_Kabuli_SNP175	[G/C]	Ca_Kabuli_LG01	43.264
Ca_Kabuli_SNP176	[T/G]	Ca_Kabuli_LG01	43.371
Ca_Kabuli_SNP177	[T/C]	Ca_Kabuli_LG01	43.551
Ca_Kabuli_SNP178	[T/A]	Ca_Kabuli_LG01	43.964
Ca_Kabuli_SNP179	[G/T]	Ca_Kabuli_LG01	44.136
Ca_Kabuli_SNP180	[T/C]	Ca_Kabuli_LG01	44.627
Ca_Kabuli_SNP181	[A/G]	Ca_Kabuli_LG01	44.642
Ca_Kabuli_SNP182	[T/C]	Ca_Kabuli_LG01	44.841
Ca_Kabuli_SNP183	[A/C]	Ca_Kabuli_LG01	45.122
Ca_Kabuli_SNP184	[T/C]	Ca_Kabuli_LG01	45.135

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP185	[A/C]	Ca_Kabuli_LG01	45.196
Ca_Kabuli_SNP186	[C/T]	Ca_Kabuli_LG01	45.270
Ca_Kabuli_SNP187	[C/T]	Ca_Kabuli_LG01	45.277
Ca_Kabuli_SNP188	[C/A]	Ca_Kabuli_LG01	45.277
Ca_Kabuli_SNP189	[C/T]	Ca_Kabuli_LG01	45.277
Ca_Kabuli_SNP190	[G/T]	Ca_Kabuli_LG01	45.306
Ca_Kabuli_SNP191	[C/T]	Ca_Kabuli_LG01	46.090
Ca_Kabuli_SNP192	[A/C]	Ca_Kabuli_LG01	46.245
Ca_Kabuli_SNP193	[A/C]	Ca_Kabuli_LG01	46.284
Ca_Kabuli_SNP194	[A/G]	Ca_Kabuli_LG01	46.568
Ca_Kabuli_SNP195	[C/A]	Ca_Kabuli_LG01	47.189
Ca_Kabuli_SNP196	[G/A]	Ca_Kabuli_LG01	47.274
Ca_Kabuli_SNP197	[A/C]	Ca_Kabuli_LG01	47.289
Ca_Kabuli_SNP198	[T/A]	Ca_Kabuli_LG01	47.794
Ca_Kabuli_SNP199	[A/G]	Ca_Kabuli_LG01	47.828
Ca_Kabuli_SNP200	[C/T]	Ca_Kabuli_LG01	48.546
Ca_Kabuli_SNP201	[T/G]	Ca_Kabuli_LG01	49.435
Ca_Kabuli_SNP202	[T/C]	Ca_Kabuli_LG01	49.500
Ca_Kabuli_SNP203	[A/C]	Ca_Kabuli_LG01	49.991
Ca_Kabuli_SNP204	[A/T]	Ca_Kabuli_LG01	50.094
Ca_Kabuli_SNP205	[C/T]	Ca_Kabuli_LG01	50.591
Ca_Kabuli_SNP206	[A/G]	Ca_Kabuli_LG01	50.707
Ca_Kabuli_SNP207	[T/C]	Ca_Kabuli_LG01	50.769
Ca_Kabuli_SNP208	[A/C]	Ca_Kabuli_LG01	50.972
Ca_Kabuli_SNP209	[C/T]	Ca_Kabuli_LG01	50.973
Ca_Kabuli_SNP210	[A/C]	Ca_Kabuli_LG01	51.173
Ca_Kabuli_SNP211	[G/T]	Ca_Kabuli_LG01	51.207
Ca_Kabuli_SNP212	[C/T]	Ca_Kabuli_LG01	51.302
Ca_Kabuli_SNP213	[A/G]	Ca_Kabuli_LG01	51.507
Ca_Kabuli_SNP214	[C/A]	Ca_Kabuli_LG01	51.759
Ca_Kabuli_SNP215	[A/C]	Ca_Kabuli_LG01	51.894

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP216	[A/T]	Ca_Kabuli_LG01	52.580
Ca_Kabuli_SNP217	[A/C]	Ca_Kabuli_LG01	53.077
Ca_Kabuli_SNP218	[C/T]	Ca_Kabuli_LG01	53.123
Ca_Kabuli_SNP219	[G/C]	Ca_Kabuli_LG01	53.320
Ca_Kabuli_SNP220	[T/G]	Ca_Kabuli_LG01	53.601
Ca_Kabuli_SNP221	[G/A]	Ca_Kabuli_LG01	53.643
Ca_Kabuli_SNP222	[G/T]	Ca_Kabuli_LG01	53.667
Ca_Kabuli_SNP223	[G/T]	Ca_Kabuli_LG01	54.117
Ca_Kabuli_SNP224	[T/G]	Ca_Kabuli_LG01	54.347
Ca_Kabuli_SNP225	[G/A]	Ca_Kabuli_LG01	54.503
Ca_Kabuli_SNP226	[A/T]	Ca_Kabuli_LG01	55.007
Ca_Kabuli_SNP227	[G/A]	Ca_Kabuli_LG01	55.468
Ca_Kabuli_SNP228	[T/A]	Ca_Kabuli_LG01	55.474
Ca_Kabuli_SNP229	[A/C]	Ca_Kabuli_LG01	55.546
Ca_Kabuli_SNP230	[C/T]	Ca_Kabuli_LG01	55.996
Ca_Kabuli_SNP231	[T/C]	Ca_Kabuli_LG01	55.996
Ca_Kabuli_SNP232	[C/T]	Ca_Kabuli_LG01	56.298
Ca_Kabuli_SNP233	[G/A]	Ca_Kabuli_LG01	56.365
Ca_Kabuli_SNP234	[A/G]	Ca_Kabuli_LG01	56.520
Ca_Kabuli_SNP235	[C/T]	Ca_Kabuli_LG01	56.862
Ca_Kabuli_SNP236	[G/A]	Ca_Kabuli_LG01	57.062
Ca_Kabuli_SNP237	[T/G]	Ca_Kabuli_LG01	57.102
Ca_Kabuli_SNP238	[G/A]	Ca_Kabuli_LG01	57.280
Ca_Kabuli_SNP239	[A/T]	Ca_Kabuli_LG01	57.386
Ca_Kabuli_SNP240	[A/G]	Ca_Kabuli_LG01	57.552
Ca_Kabuli_SNP241	[T/A]	Ca_Kabuli_LG01	57.691
Ca_Kabuli_SNP242	[T/C]	Ca_Kabuli_LG01	57.781
Ca_Kabuli_SNP243	[C/A]	Ca_Kabuli_LG01	58.118
Ca_Kabuli_SNP244	[A/T]	Ca_Kabuli_LG01	58.528
Ca_Kabuli_SNP245	[A/G]	Ca_Kabuli_LG01	58.558
Ca_Kabuli_SNP246	[C/T]	Ca_Kabuli_LG01	58.619

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP247	[G/T]	Ca_Kabuli_LG01	58.739
Ca_Kabuli_SNP248	[C/T]	Ca_Kabuli_LG01	58.807
Ca_Kabuli_SNP249	[A/G]	Ca_Kabuli_LG01	58.898
Ca_Kabuli_SNP250	[T/A]	Ca_Kabuli_LG01	58.939
Ca_Kabuli_SNP251	[G/A]	Ca_Kabuli_LG01	59.137
Ca_Kabuli_SNP252	[A/C]	Ca_Kabuli_LG01	59.668
Ca_Kabuli_SNP253	[C/A]	Ca_Kabuli_LG01	59.849
Ca_Kabuli_SNP254	[T/C]	Ca_Kabuli_LG01	59.859
Ca_Kabuli_SNP255	[A/C]	Ca_Kabuli_LG01	59.945
Ca_Kabuli_SNP256	[C/T]	Ca_Kabuli_LG01	60.252
Ca_Kabuli_SNP257	[A/G]	Ca_Kabuli_LG01	60.299
Ca_Kabuli_SNP258	[C/T]	Ca_Kabuli_LG01	60.723
Ca_Kabuli_SNP259	[G/C]	Ca_Kabuli_LG01	60.809
Ca_Kabuli_SNP260	[T/G]	Ca_Kabuli_LG01	61.120
Ca_Kabuli_SNP261	[T/A]	Ca_Kabuli_LG01	61.120
Ca_Kabuli_SNP262	[C/T]	Ca_Kabuli_LG01	61.574
Ca_Kabuli_SNP263	[G/T]	Ca_Kabuli_LG01	61.928
Ca_Kabuli_SNP264	[G/A]	Ca_Kabuli_LG01	62.065
Ca_Kabuli_SNP265	[A/G]	Ca_Kabuli_LG01	62.065
Ca_Kabuli_SNP266	[C/A]	Ca_Kabuli_LG01	62.065
Ca_Kabuli_SNP267	[A/C]	Ca_Kabuli_LG01	62.065
Ca_Kabuli_SNP268	[A/C]	Ca_Kabuli_LG01	62.065
Ca_Kabuli_SNP269	[G/T]	Ca_Kabuli_LG01	62.150
Ca_Kabuli_SNP270	[C/A]	Ca_Kabuli_LG01	62.361
Ca_Kabuli_SNP271	[G/T]	Ca_Kabuli_LG01	62.956
Ca_Kabuli_SNP272	[T/A]	Ca_Kabuli_LG01	63.028
Ca_Kabuli_SNP273	[G/A]	Ca_Kabuli_LG01	63.090
Ca_Kabuli_SNP274	[T/G]	Ca_Kabuli_LG01	63.981
Ca_Kabuli_SNP275	[G/T]	Ca_Kabuli_LG01	64.625
Ca_Kabuli_SNP276	[T/G]	Ca_Kabuli_LG01	64.810
Ca_Kabuli_SNP277	[G/C]	Ca_Kabuli_LG01	64.946

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP278	[A/T]	Ca_Kabuli_LG01	65.674
Ca_Kabuli_SNP279	[C/A]	Ca_Kabuli_LG01	65.920
Ca_Kabuli_SNP280	[A/G]	Ca_Kabuli_LG01	66.095
Ca_Kabuli_SNP281	[C/G]	Ca_Kabuli_LG01	66.378
Ca_Kabuli_SNP282	[G/A]	Ca_Kabuli_LG01	66.608
Ca_Kabuli_SNP283	[A/C]	Ca_Kabuli_LG01	66.724
Ca_Kabuli_SNP284	[T/C]	Ca_Kabuli_LG01	66.828
Ca_Kabuli_SNP285	[C/G]	Ca_Kabuli_LG01	66.941
Ca_Kabuli_SNP286	[A/G]	Ca_Kabuli_LG01	67.348
Ca_Kabuli_SNP287	[A/C]	Ca_Kabuli_LG01	68.047
Ca_Kabuli_SNP288	[T/A]	Ca_Kabuli_LG01	68.346
Ca_Kabuli_SNP289	[C/G]	Ca_Kabuli_LG01	68.541
Ca_Kabuli_SNP290	[G/A]	Ca_Kabuli_LG01	68.722
Ca_Kabuli_SNP291	[T/G]	Ca_Kabuli_LG01	68.727
Ca_Kabuli_SNP292	[A/C]	Ca_Kabuli_LG01	68.786
Ca_Kabuli_SNP293	[A/C]	Ca_Kabuli_LG01	68.981
Ca_Kabuli_SNP294	[G/C]	Ca_Kabuli_LG01	69.454
Ca_Kabuli_SNP295	[A/C]	Ca_Kabuli_LG01	69.467
Ca_Kabuli_SNP296	[G/A]	Ca_Kabuli_LG01	70.057
Ca_Kabuli_SNP297	[T/G]	Ca_Kabuli_LG01	70.057
Ca_Kabuli_SNP298	[C/T]	Ca_Kabuli_LG01	70.258
Ca_Kabuli_SNP299	[T/A]	Ca_Kabuli_LG01	70.345
Ca_Kabuli_SNP300	[A/C]	Ca_Kabuli_LG01	70.423
Ca_Kabuli_SNP301	[A/C]	Ca_Kabuli_LG01	70.789
Ca_Kabuli_SNP302	[T/C]	Ca_Kabuli_LG01	70.839
Ca_Kabuli_SNP303	[A/C]	Ca_Kabuli_LG01	70.900
Ca_Kabuli_SNP304	[T/C]	Ca_Kabuli_LG01	71.338
Ca_Kabuli_SNP305	[G/A]	Ca_Kabuli_LG01	71.593
Ca_Kabuli_SNP306	[A/C]	Ca_Kabuli_LG01	72.435
Ca_Kabuli_SNP307	[T/A]	Ca_Kabuli_LG01	72.791
Ca_Kabuli_SNP308	[A/C]	Ca_Kabuli_LG01	72.793



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP309	[A/G]	Ca_Kabuli_LG01	73.022
Ca_Kabuli_SNP310	[A/G]	Ca_Kabuli_LG01	73.224
Ca_Kabuli_SNP311	[A/G]	Ca_Kabuli_LG01	73.374
Ca_Kabuli_SNP312	[C/T]	Ca_Kabuli_LG01	74.267
Ca_Kabuli_SNP313	[T/C]	Ca_Kabuli_LG01	75.251
Ca_Kabuli_SNP314	[T/G]	Ca_Kabuli_LG01	76.539
Ca_Kabuli_SNP315	[T/G]	Ca_Kabuli_LG01	76.896
Ca_Kabuli_SNP316	[A/G]	Ca_Kabuli_LG01	77.497
Ca_Kabuli_SNP317	[A/G]	Ca_Kabuli_LG01	77.888
Ca_Kabuli_SNP318	[G/T]	Ca_Kabuli_LG01	78.241
Ca_Kabuli_SNP319	[A/C]	Ca_Kabuli_LG01	78.348
Ca_Kabuli_SNP320	[T/G]	Ca_Kabuli_LG01	78.878
Ca_Kabuli_SNP321	[T/A]	Ca_Kabuli_LG01	79.240
Ca_Kabuli_SNP322	[T/C]	Ca_Kabuli_LG01	79.266
Ca_Kabuli_SNP323	[G/C]	Ca_Kabuli_LG01	79.353
Ca_Kabuli_SNP324	[G/C]	Ca_Kabuli_LG01	80.433
Ca_Kabuli_SNP325	[T/C]	Ca_Kabuli_LG01	80.433
Ca_Kabuli_SNP326	[A/T]	Ca_Kabuli_LG01	80.588
Ca_Kabuli_SNP327	[A/C]	Ca_Kabuli_LG01	81.709
Ca_Kabuli_SNP328	[C/T]	Ca_Kabuli_LG01	81.828
Ca_Kabuli_SNP329	[T/A]	Ca_Kabuli_LG01	81.848
Ca_Kabuli_SNP330	[C/A]	Ca_Kabuli_LG01	82.417
Ca_Kabuli_SNP331	[A/G]	Ca_Kabuli_LG01	82.500
Ca_Kabuli_SNP332	[G/A]	Ca_Kabuli_LG01	82.676
Ca_Kabuli_SNP333	[A/G]	Ca_Kabuli_LG01	82.892
Ca_Kabuli_SNP334	[G/C]	Ca_Kabuli_LG01	83.136
Ca_Kabuli_SNP335	[G/T]	Ca_Kabuli_LG01	83.923
Ca_Kabuli_SNP336	[T/C]	Ca_Kabuli_LG01	84.204
Ca_Kabuli_SNP337	[T/C]	Ca_Kabuli_LG01	84.204
Ca_Kabuli_SNP338	[A/C]	Ca_Kabuli_LG01	84.964
Ca_Kabuli_SNP339	[C/A]	Ca_Kabuli_LG01	86.057

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP340	[A/C]	Ca_Kabuli_LG01	86.279
Ca_Kabuli_SNP341	[G/A]	Ca_Kabuli_LG01	87.190
Ca_Kabuli_SNP342	[T/A]	Ca_Kabuli_LG01	87.769
Ca_Kabuli_SNP343	[A/C]	Ca_Kabuli_LG01	91.704
Ca_Kabuli_SNP344	[A/C]	Ca_Kabuli_LG02	0.000
Ca_Kabuli_SNP345	[A/T]	Ca_Kabuli_LG02	6.696
Ca_Kabuli_SNP346	[A/T]	Ca_Kabuli_LG02	10.401
Ca_Kabuli_SNP347	[G/T]	Ca_Kabuli_LG02	21.561
Ca_Kabuli_SNP348	[G/T]	Ca_Kabuli_LG02	23.710
Ca_Kabuli_SNP349	[A/T]	Ca_Kabuli_LG02	24.664
Ca_Kabuli_SNP350	[T/C]	Ca_Kabuli_LG02	25.422
Ca_Kabuli_SNP351	[T/G]	Ca_Kabuli_LG02	27.441
Ca_Kabuli_SNP352	[A/G]	Ca_Kabuli_LG02	28.115
Ca_Kabuli_SNP353	[A/C]	Ca_Kabuli_LG02	29.032
Ca_Kabuli_SNP354	[A/G]	Ca_Kabuli_LG02	29.568
Ca_Kabuli_SNP355	[A/G]	Ca_Kabuli_LG02	30.180
Ca_Kabuli_SNP356	[A/G]	Ca_Kabuli_LG02	32.457
Ca_Kabuli_SNP357	[A/G]	Ca_Kabuli_LG02	32.971
Ca_Kabuli_SNP358	[T/C]	Ca_Kabuli_LG02	33.178
Ca_Kabuli_SNP359	[G/A]	Ca_Kabuli_LG02	33.422
Ca_Kabuli_SNP360	[A/T]	Ca_Kabuli_LG02	34.254
Ca_Kabuli_SNP361	[A/T]	Ca_Kabuli_LG02	37.289
Ca_Kabuli_SNP362	[C/T]	Ca_Kabuli_LG02	37.877
Ca_Kabuli_SNP363	[A/T]	Ca_Kabuli_LG02	39.159
Ca_Kabuli_SNP364	[G/A]	Ca_Kabuli_LG02	40.074
Ca_Kabuli_SNP365	[C/T]	Ca_Kabuli_LG02	40.078
Ca_Kabuli_SNP366	[G/A]	Ca_Kabuli_LG02	40.349
Ca_Kabuli_SNP367	[T/G]	Ca_Kabuli_LG02	40.515
Ca_Kabuli_SNP368	[A/T]	Ca_Kabuli_LG02	40.621
Ca_Kabuli_SNP369	[T/A]	Ca_Kabuli_LG02	40.726
Ca_Kabuli_SNP370	[G/A]	Ca_Kabuli_LG02	40.748

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP371	[A/G]	Ca_Kabuli_LG02	41.421
Ca_Kabuli_SNP372	[C/T]	Ca_Kabuli_LG02	42.283
Ca_Kabuli_SNP373	[C/T]	Ca_Kabuli_LG02	42.868
Ca_Kabuli_SNP374	[A/C]	Ca_Kabuli_LG02	43.088
Ca_Kabuli_SNP375	[C/A]	Ca_Kabuli_LG02	43.181
Ca_Kabuli_SNP376	[G/A]	Ca_Kabuli_LG02	43.579
Ca_Kabuli_SNP377	[G/T]	Ca_Kabuli_LG02	43.856
Ca_Kabuli_SNP378	[A/G]	Ca_Kabuli_LG02	44.536
Ca_Kabuli_SNP379	[T/G]	Ca_Kabuli_LG02	44.589
Ca_Kabuli_SNP380	[C/T]	Ca_Kabuli_LG02	45.035
Ca_Kabuli_SNP381	[A/T]	Ca_Kabuli_LG02	45.320
Ca_Kabuli_SNP382	[T/C]	Ca_Kabuli_LG02	46.221
Ca_Kabuli_SNP383	[A/G]	Ca_Kabuli_LG02	46.592
Ca_Kabuli_SNP384	[T/G]	Ca_Kabuli_LG02	46.992
Ca_Kabuli_SNP385	[A/C]	Ca_Kabuli_LG02	47.144
Ca_Kabuli_SNP386	[A/C]	Ca_Kabuli_LG02	47.203
Ca_Kabuli_SNP387	[T/G]	Ca_Kabuli_LG02	47.637
Ca_Kabuli_SNP388	[T/A]	Ca_Kabuli_LG02	47.995
Ca_Kabuli_SNP389	[C/T]	Ca_Kabuli_LG02	48.239
Ca_Kabuli_SNP390	[T/A]	Ca_Kabuli_LG02	48.494
Ca_Kabuli_SNP391	[T/A]	Ca_Kabuli_LG02	50.347
Ca_Kabuli_SNP392	[A/T]	Ca_Kabuli_LG02	50.560
Ca_Kabuli_SNP393	[C/T]	Ca_Kabuli_LG02	51.018
Ca_Kabuli_SNP394	[C/T]	Ca_Kabuli_LG02	53.022
Ca_Kabuli_SNP395	[A/T]	Ca_Kabuli_LG02	53.095
Ca_Kabuli_SNP396	[A/C]	Ca_Kabuli_LG02	54.486
Ca_Kabuli_SNP397	[T/G]	Ca_Kabuli_LG02	54.577
Ca_Kabuli_SNP398	[T/A]	Ca_Kabuli_LG02	55.285
Ca_Kabuli_SNP399	[A/G]	Ca_Kabuli_LG02	55.573
Ca_Kabuli_SNP400	[A/C]	Ca_Kabuli_LG02	55.678
Ca_Kabuli_SNP401	[G/T]	Ca_Kabuli_LG02	55.798

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP402	[A/G]	Ca_Kabuli_LG02	56.356
Ca_Kabuli_SNP403	[G/A]	Ca_Kabuli_LG02	56.502
Ca_Kabuli_SNP404	[A/C]	Ca_Kabuli_LG02	56.579
Ca_Kabuli_SNP405	[C/A]	Ca_Kabuli_LG02	56.968
Ca_Kabuli_SNP406	[A/G]	Ca_Kabuli_LG02	57.032
Ca_Kabuli_SNP407	[G/T]	Ca_Kabuli_LG02	57.157
Ca_Kabuli_SNP408	[T/C]	Ca_Kabuli_LG02	58.351
Ca_Kabuli_SNP409	[T/G]	Ca_Kabuli_LG02	58.436
Ca_Kabuli_SNP410	[C/T]	Ca_Kabuli_LG02	58.875
Ca_Kabuli_SNP411	[G/A]	Ca_Kabuli_LG02	59.025
Ca_Kabuli_SNP412	[A/T]	Ca_Kabuli_LG02	59.090
Ca_Kabuli_SNP413	[C/A]	Ca_Kabuli_LG02	59.410
Ca_Kabuli_SNP414	[G/A]	Ca_Kabuli_LG02	60.154
Ca_Kabuli_SNP415	[T/C]	Ca_Kabuli_LG02	60.302
Ca_Kabuli_SNP416	[G/A]	Ca_Kabuli_LG02	60.631
Ca_Kabuli_SNP417	[G/A]	Ca_Kabuli_LG02	60.719
Ca_Kabuli_SNP418	[T/C]	Ca_Kabuli_LG02	60.918
Ca_Kabuli_SNP419	[A/G]	Ca_Kabuli_LG02	61.211
Ca_Kabuli_SNP420	[C/G]	Ca_Kabuli_LG02	61.495
Ca_Kabuli_SNP421	[T/A]	Ca_Kabuli_LG02	61.593
Ca_Kabuli_SNP422	[A/G]	Ca_Kabuli_LG02	62.047
Ca_Kabuli_SNP423	[A/C]	Ca_Kabuli_LG02	62.516
Ca_Kabuli_SNP424	[A/G]	Ca_Kabuli_LG02	62.716
Ca_Kabuli_SNP425	[A/C]	Ca_Kabuli_LG02	63.783
Ca_Kabuli_SNP426	[G/C]	Ca_Kabuli_LG02	64.438
Ca_Kabuli_SNP427	[T/C]	Ca_Kabuli_LG02	64.672
Ca_Kabuli_SNP428	[T/A]	Ca_Kabuli_LG02	65.282
Ca_Kabuli_SNP429	[T/A]	Ca_Kabuli_LG02	65.861
Ca_Kabuli_SNP430	[A/G]	Ca_Kabuli_LG02	66.176
Ca_Kabuli_SNP431	[G/T]	Ca_Kabuli_LG02	66.596
Ca_Kabuli_SNP432	[G/C]	Ca_Kabuli_LG02	69.400

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP433	[G/A]	Ca_Kabuli_LG02	69.727
Ca_Kabuli_SNP434	[A/G]	Ca_Kabuli_LG02	69.922
Ca_Kabuli_SNP435	[G/C]	Ca_Kabuli_LG02	70.336
Ca_Kabuli_SNP436	[G/T]	Ca_Kabuli_LG02	71.220
Ca_Kabuli_SNP437	[G/A]	Ca_Kabuli_LG02	72.023
Ca_Kabuli_SNP438	[T/C]	Ca_Kabuli_LG02	72.879
Ca_Kabuli_SNP439	[G/T]	Ca_Kabuli_LG02	73.160
Ca_Kabuli_SNP440	[G/A]	Ca_Kabuli_LG02	73.184
Ca_Kabuli_SNP441	[T/C]	Ca_Kabuli_LG02	73.358
Ca_Kabuli_SNP442	[A/T]	Ca_Kabuli_LG02	77.158
Ca_Kabuli_SNP443	[T/G]	Ca_Kabuli_LG02	80.104
Ca_Kabuli_SNP444	[A/C]	Ca_Kabuli_LG02	80.670
Ca_Kabuli_SNP445	[T/G]	Ca_Kabuli_LG02	81.180
Ca_Kabuli_SNP446	[C/A]	Ca_Kabuli_LG02	81.972
Ca_Kabuli_SNP447	[G/T]	Ca_Kabuli_LG02	82.057
Ca_Kabuli_SNP448	[C/G]	Ca_Kabuli_LG02	82.151
Ca_Kabuli_SNP449	[A/T]	Ca_Kabuli_LG02	82.315
Ca_Kabuli_SNP450	[A/C]	Ca_Kabuli_LG02	82.502
Ca_Kabuli_SNP451	[A/T]	Ca_Kabuli_LG02	82.625
Ca_Kabuli_SNP452	[A/G]	Ca_Kabuli_LG02	82.720
Ca_Kabuli_SNP453	[T/C]	Ca_Kabuli_LG02	82.812
Ca_Kabuli_SNP454	[C/A]	Ca_Kabuli_LG02	82.842
Ca_Kabuli_SNP455	[A/C]	Ca_Kabuli_LG02	82.883
Ca_Kabuli_SNP456	[G/C]	Ca_Kabuli_LG02	82.883
Ca_Kabuli_SNP457	[G/A]	Ca_Kabuli_LG02	82.926
Ca_Kabuli_SNP458	[T/G]	Ca_Kabuli_LG02	83.000
Ca_Kabuli_SNP459	[A/C]	Ca_Kabuli_LG02	83.053
Ca_Kabuli_SNP460	[C/T]	Ca_Kabuli_LG02	83.206
Ca_Kabuli_SNP461	[C/T]	Ca_Kabuli_LG02	83.410
Ca_Kabuli_SNP462	[G/T]	Ca_Kabuli_LG02	84.151
Ca_Kabuli_SNP463	[C/T]	Ca_Kabuli_LG02	84.204

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP464	[T/C]	Ca_Kabuli_LG02	84.501
Ca_Kabuli_SNP465	[A/C]	Ca_Kabuli_LG02	84.503
Ca_Kabuli_SNP466	[A/C]	Ca_Kabuli_LG02	84.738
Ca_Kabuli_SNP467	[G/T]	Ca_Kabuli_LG02	84.905
Ca_Kabuli_SNP468	[C/G]	Ca_Kabuli_LG02	84.941
Ca_Kabuli_SNP469	[T/G]	Ca_Kabuli_LG02	84.979
Ca_Kabuli_SNP470	[T/G]	Ca_Kabuli_LG02	85.009
Ca_Kabuli_SNP471	[C/G]	Ca_Kabuli_LG02	85.469
Ca_Kabuli_SNP472	[A/C]	Ca_Kabuli_LG02	85.648
Ca_Kabuli_SNP473	[A/C]	Ca_Kabuli_LG02	85.660
Ca_Kabuli_SNP474	[T/A]	Ca_Kabuli_LG02	85.857
Ca_Kabuli_SNP475	[G/T]	Ca_Kabuli_LG02	86.419
Ca_Kabuli_SNP476	[A/T]	Ca_Kabuli_LG02	86.462
Ca_Kabuli_SNP477	[C/T]	Ca_Kabuli_LG02	86.879
Ca_Kabuli_SNP478	[T/G]	Ca_Kabuli_LG02	86.926
Ca_Kabuli_SNP479	[A/T]	Ca_Kabuli_LG02	86.926
Ca_Kabuli_SNP480	[G/A]	Ca_Kabuli_LG02	86.926
Ca_Kabuli_SNP481	[T/C]	Ca_Kabuli_LG02	86.926
Ca_Kabuli_SNP482	[C/A]	Ca_Kabuli_LG02	87.225
Ca_Kabuli_SNP483	[T/G]	Ca_Kabuli_LG02	87.225
Ca_Kabuli_SNP484	[G/T]	Ca_Kabuli_LG02	87.340
Ca_Kabuli_SNP485	[A/G]	Ca_Kabuli_LG02	87.347
Ca_Kabuli_SNP486	[G/T]	Ca_Kabuli_LG02	87.620
Ca_Kabuli_SNP487	[A/T]	Ca_Kabuli_LG02	87.704
Ca_Kabuli_SNP488	[A/G]	Ca_Kabuli_LG02	87.956
Ca_Kabuli_SNP489	[C/G]	Ca_Kabuli_LG02	88.226
Ca_Kabuli_SNP490	[C/T]	Ca_Kabuli_LG02	88.537
Ca_Kabuli_SNP491	[T/G]	Ca_Kabuli_LG02	88.996
Ca_Kabuli_SNP492	[G/A]	Ca_Kabuli_LG02	89.282
Ca_Kabuli_SNP493	[C/G]	Ca_Kabuli_LG02	89.536
Ca_Kabuli_SNP494	[T/G]	Ca_Kabuli_LG02	89.536

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP495	[C/G]	Ca_Kabuli_LG02	89.536
Ca_Kabuli_SNP496	[G/T]	Ca_Kabuli_LG02	89.536
Ca_Kabuli_SNP497	[T/C]	Ca_Kabuli_LG02	89.536
Ca_Kabuli_SNP498	[G/T]	Ca_Kabuli_LG02	89.644
Ca_Kabuli_SNP499	[A/C]	Ca_Kabuli_LG02	90.275
Ca_Kabuli_SNP500	[T/C]	Ca_Kabuli_LG02	91.139
Ca_Kabuli_SNP501	[C/T]	Ca_Kabuli_LG02	91.507
Ca_Kabuli_SNP502	[C/T]	Ca_Kabuli_LG02	91.678
Ca_Kabuli_SNP503	[C/T]	Ca_Kabuli_LG02	91.847
Ca_Kabuli_SNP504	[A/G]	Ca_Kabuli_LG02	92.255
Ca_Kabuli_SNP505	[C/G]	Ca_Kabuli_LG02	93.006
Ca_Kabuli_SNP506	[T/C]	Ca_Kabuli_LG02	93.990
Ca_Kabuli_SNP507	[G/C]	Ca_Kabuli_LG02	94.054
Ca_Kabuli_SNP508	[G/T]	Ca_Kabuli_LG02	94.110
Ca_Kabuli_SNP509	[A/T]	Ca_Kabuli_LG02	95.626
Ca_Kabuli_SNP510	[A/G]	Ca_Kabuli_LG02	95.650
Ca_Kabuli_SNP511	[G/T]	Ca_Kabuli_LG02	96.207
Ca_Kabuli_SNP512	[T/A]	Ca_Kabuli_LG02	99.574
Ca_Kabuli_SNP513	[G/A]	Ca_Kabuli_LG02	100.022
Ca_Kabuli_SNP514	[G/T]	Ca_Kabuli_LG02	100.740
Ca_Kabuli_SNP515	[A/C]	Ca_Kabuli_LG02	102.094
Ca_Kabuli_SNP516	[G/T]	Ca_Kabuli_LG02	102.243
Ca_Kabuli_SNP517	[T/G]	Ca_Kabuli_LG02	102.481
Ca_Kabuli_SNP518	[T/C]	Ca_Kabuli_LG02	103.449
Ca_Kabuli_SNP519	[C/G]	Ca_Kabuli_LG02	103.524
Ca_Kabuli_SNP520	[A/T]	Ca_Kabuli_LG02	103.543
Ca_Kabuli_SNP521	[A/G]	Ca_Kabuli_LG02	105.385
Ca_Kabuli_SNP522	[C/T]	Ca_Kabuli_LG02	106.089
Ca_Kabuli_SNP523	[C/T]	Ca_Kabuli_LG02	106.135
Ca_Kabuli_SNP524	[A/C]	Ca_Kabuli_LG02	106.557
Ca_Kabuli_SNP525	[T/G]	Ca_Kabuli_LG02	107.053

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP526	[C/T]	Ca_Kabuli_LG02	107.176
Ca_Kabuli_SNP527	[G/A]	Ca_Kabuli_LG02	108.414
Ca_Kabuli_SNP528	[G/C]	Ca_Kabuli_LG02	108.857
Ca_Kabuli_SNP529	[A/T]	Ca_Kabuli_LG02	109.334
Ca_Kabuli_SNP530	[G/A]	Ca_Kabuli_LG02	109.545
Ca_Kabuli_SNP531	[T/A]	Ca_Kabuli_LG02	109.957
Ca_Kabuli_SNP532	[G/A]	Ca_Kabuli_LG02	110.630
Ca_Kabuli_SNP533	[C/G]	Ca_Kabuli_LG02	111.333
Ca_Kabuli_SNP534	[T/G]	Ca_Kabuli_LG02	114.763
Ca_Kabuli_SNP535	[T/G]	Ca_Kabuli_LG02	114.889
Ca_Kabuli_SNP536	[C/T]	Ca_Kabuli_LG02	115.683
Ca_Kabuli_SNP537	[T/C]	Ca_Kabuli_LG02	115.835
Ca_Kabuli_SNP538	[C/T]	Ca_Kabuli_LG02	116.285
Ca_Kabuli_SNP539	[T/G]	Ca_Kabuli_LG02	116.646
Ca_Kabuli_SNP540	[A/G]	Ca_Kabuli_LG02	116.887
Ca_Kabuli_SNP541	[A/G]	Ca_Kabuli_LG02	118.830
Ca_Kabuli_SNP542	[G/T]	Ca_Kabuli_LG02	120.359
Ca_Kabuli_SNP543	[A/T]	Ca_Kabuli_LG03	0.000
Ca_Kabuli_SNP544	[A/C]	Ca_Kabuli_LG03	0.104
Ca_Kabuli_SNP545	[G/T]	Ca_Kabuli_LG03	0.681
Ca_Kabuli_SNP546	[G/A]	Ca_Kabuli_LG03	1.275
Ca_Kabuli_SNP547	[T/A]	Ca_Kabuli_LG03	1.352
Ca_Kabuli_SNP548	[C/A]	Ca_Kabuli_LG03	1.858
Ca_Kabuli_SNP549	[C/G]	Ca_Kabuli_LG03	1.978
Ca_Kabuli_SNP550	[T/A]	Ca_Kabuli_LG03	2.031
Ca_Kabuli_SNP551	[C/A]	Ca_Kabuli_LG03	2.094
Ca_Kabuli_SNP552	[G/A]	Ca_Kabuli_LG03	2.213
Ca_Kabuli_SNP553	[A/G]	Ca_Kabuli_LG03	2.474
Ca_Kabuli_SNP554	[G/T]	Ca_Kabuli_LG03	2.828
Ca_Kabuli_SNP555	[A/C]	Ca_Kabuli_LG03	3.325
Ca_Kabuli_SNP556	[A/G]	Ca_Kabuli_LG03	3.765



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP557	[C/T]	Ca_Kabuli_LG03	4.182
Ca_Kabuli_SNP558	[A/G]	Ca_Kabuli_LG03	4.457
Ca_Kabuli_SNP559	[G/T]	Ca_Kabuli_LG03	4.566
Ca_Kabuli_SNP560	[A/C]	Ca_Kabuli_LG03	4.754
Ca_Kabuli_SNP561	[A/G]	Ca_Kabuli_LG03	4.920
Ca_Kabuli_SNP562	[A/G]	Ca_Kabuli_LG03	5.141
Ca_Kabuli_SNP563	[T/G]	Ca_Kabuli_LG03	5.175
Ca_Kabuli_SNP564	[G/T]	Ca_Kabuli_LG03	5.223
Ca_Kabuli_SNP565	[A/T]	Ca_Kabuli_LG03	5.254
Ca_Kabuli_SNP566	[G/T]	Ca_Kabuli_LG03	5.500
Ca_Kabuli_SNP567	[A/G]	Ca_Kabuli_LG03	5.615
Ca_Kabuli_SNP568	[T/G]	Ca_Kabuli_LG03	6.457
Ca_Kabuli_SNP569	[T/A]	Ca_Kabuli_LG03	6.720
Ca_Kabuli_SNP570	[A/G]	Ca_Kabuli_LG03	6.720
Ca_Kabuli_SNP571	[A/C]	Ca_Kabuli_LG03	6.725
Ca_Kabuli_SNP572	[A/G]	Ca_Kabuli_LG03	6.907
Ca_Kabuli_SNP573	[T/C]	Ca_Kabuli_LG03	7.098
Ca_Kabuli_SNP574	[A/C]	Ca_Kabuli_LG03	8.285
Ca_Kabuli_SNP575	[C/T]	Ca_Kabuli_LG03	8.384
Ca_Kabuli_SNP576	[T/G]	Ca_Kabuli_LG03	8.451
Ca_Kabuli_SNP577	[A/G]	Ca_Kabuli_LG03	8.515
Ca_Kabuli_SNP578	[G/T]	Ca_Kabuli_LG03	9.045
Ca_Kabuli_SNP579	[C/T]	Ca_Kabuli_LG03	9.064
Ca_Kabuli_SNP580	[A/C]	Ca_Kabuli_LG03	9.145
Ca_Kabuli_SNP581	[C/A]	Ca_Kabuli_LG03	9.465
Ca_Kabuli_SNP582	[C/T]	Ca_Kabuli_LG03	9.505
Ca_Kabuli_SNP583	[T/G]	Ca_Kabuli_LG03	10.417
Ca_Kabuli_SNP584	[G/A]	Ca_Kabuli_LG03	10.459
Ca_Kabuli_SNP585	[C/T]	Ca_Kabuli_LG03	10.467
Ca_Kabuli_SNP586	[A/C]	Ca_Kabuli_LG03	10.499
Ca_Kabuli_SNP587	[A/C]	Ca_Kabuli_LG03	10.564

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP588	[A/G]	Ca_Kabuli_LG03	10.646
Ca_Kabuli_SNP589	[T/C]	Ca_Kabuli_LG03	10.873
Ca_Kabuli_SNP590	[A/C]	Ca_Kabuli_LG03	11.433
Ca_Kabuli_SNP591	[A/G]	Ca_Kabuli_LG03	11.577
Ca_Kabuli_SNP592	[C/G]	Ca_Kabuli_LG03	11.993
Ca_Kabuli_SNP593	[G/T]	Ca_Kabuli_LG03	12.049
Ca_Kabuli_SNP594	[T/C]	Ca_Kabuli_LG03	12.146
Ca_Kabuli_SNP595	[C/A]	Ca_Kabuli_LG03	12.265
Ca_Kabuli_SNP596	[C/T]	Ca_Kabuli_LG03	12.269
Ca_Kabuli_SNP597	[T/G]	Ca_Kabuli_LG03	12.697
Ca_Kabuli_SNP598	[T/A]	Ca_Kabuli_LG03	12.818
Ca_Kabuli_SNP599	[G/A]	Ca_Kabuli_LG03	13.429
Ca_Kabuli_SNP600	[C/A]	Ca_Kabuli_LG03	13.547
Ca_Kabuli_SNP601	[T/G]	Ca_Kabuli_LG03	13.727
Ca_Kabuli_SNP602	[G/T]	Ca_Kabuli_LG03	13.885
Ca_Kabuli_SNP603	[A/T]	Ca_Kabuli_LG03	14.027
Ca_Kabuli_SNP604	[A/C]	Ca_Kabuli_LG03	14.077
Ca_Kabuli_SNP605	[G/A]	Ca_Kabuli_LG03	14.081
Ca_Kabuli_SNP606	[A/C]	Ca_Kabuli_LG03	14.199
Ca_Kabuli_SNP607	[G/T]	Ca_Kabuli_LG03	14.437
Ca_Kabuli_SNP608	[T/G]	Ca_Kabuli_LG03	14.518
Ca_Kabuli_SNP609	[A/G]	Ca_Kabuli_LG03	14.686
Ca_Kabuli_SNP610	[G/C]	Ca_Kabuli_LG03	14.819
Ca_Kabuli_SNP611	[G/A]	Ca_Kabuli_LG03	14.835
Ca_Kabuli_SNP612	[T/A]	Ca_Kabuli_LG03	15.091
Ca_Kabuli_SNP613	[C/A]	Ca_Kabuli_LG03	15.527
Ca_Kabuli_SNP614	[T/C]	Ca_Kabuli_LG03	15.772
Ca_Kabuli_SNP615	[C/A]	Ca_Kabuli_LG03	15.773
Ca_Kabuli_SNP616	[A/C]	Ca_Kabuli_LG03	16.092
Ca_Kabuli_SNP617	[G/A]	Ca_Kabuli_LG03	16.251
Ca_Kabuli_SNP618	[C/T]	Ca_Kabuli_LG03	16.404

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP619	[A/T]	Ca_Kabuli_LG03	16.633
Ca_Kabuli_SNP620	[G/A]	Ca_Kabuli_LG03	16.763
Ca_Kabuli_SNP621	[G/A]	Ca_Kabuli_LG03	16.839
Ca_Kabuli_SNP622	[C/T]	Ca_Kabuli_LG03	16.859
Ca_Kabuli_SNP623	[A/C]	Ca_Kabuli_LG03	17.251
Ca_Kabuli_SNP624	[T/G]	Ca_Kabuli_LG03	17.611
Ca_Kabuli_SNP625	[G/A]	Ca_Kabuli_LG03	17.640
Ca_Kabuli_SNP626	[C/G]	Ca_Kabuli_LG03	17.685
Ca_Kabuli_SNP627	[A/C]	Ca_Kabuli_LG03	18.100
Ca_Kabuli_SNP628	[T/C]	Ca_Kabuli_LG03	18.248
Ca_Kabuli_SNP629	[C/A]	Ca_Kabuli_LG03	18.259
Ca_Kabuli_SNP630	[A/C]	Ca_Kabuli_LG03	18.344
Ca_Kabuli_SNP631	[C/G]	Ca_Kabuli_LG03	18.641
Ca_Kabuli_SNP632	[A/G]	Ca_Kabuli_LG03	18.667
Ca_Kabuli_SNP633	[T/C]	Ca_Kabuli_LG03	18.894
Ca_Kabuli_SNP634	[G/A]	Ca_Kabuli_LG03	19.206
Ca_Kabuli_SNP635	[C/A]	Ca_Kabuli_LG03	19.684
Ca_Kabuli_SNP636	[T/C]	Ca_Kabuli_LG03	19.839
Ca_Kabuli_SNP637	[T/C]	Ca_Kabuli_LG03	19.886
Ca_Kabuli_SNP638	[C/G]	Ca_Kabuli_LG03	20.018
Ca_Kabuli_SNP639	[T/G]	Ca_Kabuli_LG03	20.064
Ca_Kabuli_SNP640	[C/A]	Ca_Kabuli_LG03	20.687
Ca_Kabuli_SNP641	[G/T]	Ca_Kabuli_LG03	20.833
Ca_Kabuli_SNP642	[G/T]	Ca_Kabuli_LG03	21.390
Ca_Kabuli_SNP643	[T/A]	Ca_Kabuli_LG03	21.550
Ca_Kabuli_SNP644	[T/C]	Ca_Kabuli_LG03	21.846
Ca_Kabuli_SNP645	[C/T]	Ca_Kabuli_LG03	21.879
Ca_Kabuli_SNP646	[T/G]	Ca_Kabuli_LG03	22.343
Ca_Kabuli_SNP647	[G/T]	Ca_Kabuli_LG03	22.358
Ca_Kabuli_SNP648	[T/A]	Ca_Kabuli_LG03	22.656
Ca_Kabuli_SNP649	[T/G]	Ca_Kabuli_LG03	22.722

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP650	[T/C]	Ca_Kabuli_LG03	22.787
Ca_Kabuli_SNP651	[C/A]	Ca_Kabuli_LG03	22.900
Ca_Kabuli_SNP652	[G/A]	Ca_Kabuli_LG03	23.781
Ca_Kabuli_SNP653	[A/C]	Ca_Kabuli_LG03	23.781
Ca_Kabuli_SNP654	[A/G]	Ca_Kabuli_LG03	23.865
Ca_Kabuli_SNP655	[T/G]	Ca_Kabuli_LG03	23.998
Ca_Kabuli_SNP656	[G/A]	Ca_Kabuli_LG03	24.303
Ca_Kabuli_SNP657	[A/G]	Ca_Kabuli_LG03	24.358
Ca_Kabuli_SNP658	[A/C]	Ca_Kabuli_LG03	24.469
Ca_Kabuli_SNP659	[A/C]	Ca_Kabuli_LG03	24.500
Ca_Kabuli_SNP660	[C/T]	Ca_Kabuli_LG03	24.522
Ca_Kabuli_SNP661	[A/G]	Ca_Kabuli_LG03	24.585
Ca_Kabuli_SNP662	[G/A]	Ca_Kabuli_LG03	25.717
Ca_Kabuli_SNP663	[A/G]	Ca_Kabuli_LG03	25.816
Ca_Kabuli_SNP664	[T/C]	Ca_Kabuli_LG03	25.838
Ca_Kabuli_SNP665	[T/A]	Ca_Kabuli_LG03	25.838
Ca_Kabuli_SNP666	[G/T]	Ca_Kabuli_LG03	26.117
Ca_Kabuli_SNP667	[T/A]	Ca_Kabuli_LG03	26.165
Ca_Kabuli_SNP668	[A/C]	Ca_Kabuli_LG03	26.401
Ca_Kabuli_SNP669	[T/G]	Ca_Kabuli_LG03	26.593
Ca_Kabuli_SNP670	[C/A]	Ca_Kabuli_LG03	26.650
Ca_Kabuli_SNP671	[A/G]	Ca_Kabuli_LG03	26.663
Ca_Kabuli_SNP672	[C/T]	Ca_Kabuli_LG03	26.771
Ca_Kabuli_SNP673	[C/T]	Ca_Kabuli_LG03	26.773
Ca_Kabuli_SNP674	[A/C]	Ca_Kabuli_LG03	26.839
Ca_Kabuli_SNP675	[A/G]	Ca_Kabuli_LG03	27.092
Ca_Kabuli_SNP676	[C/T]	Ca_Kabuli_LG03	27.351
Ca_Kabuli_SNP677	[A/C]	Ca_Kabuli_LG03	28.136
Ca_Kabuli_SNP678	[C/T]	Ca_Kabuli_LG03	28.370
Ca_Kabuli_SNP679	[A/G]	Ca_Kabuli_LG03	28.380
Ca_Kabuli_SNP680	[A/T]	Ca_Kabuli_LG03	28.404

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP681	[T/C]	Ca_Kabuli_LG03	28.609
Ca_Kabuli_SNP682	[G/A]	Ca_Kabuli_LG03	28.616
Ca_Kabuli_SNP683	[C/T]	Ca_Kabuli_LG03	29.410
Ca_Kabuli_SNP684	[T/G]	Ca_Kabuli_LG03	29.638
Ca_Kabuli_SNP685	[T/G]	Ca_Kabuli_LG03	29.687
Ca_Kabuli_SNP686	[A/T]	Ca_Kabuli_LG03	29.839
Ca_Kabuli_SNP687	[A/T]	Ca_Kabuli_LG03	29.917
Ca_Kabuli_SNP688	[T/G]	Ca_Kabuli_LG03	30.072
Ca_Kabuli_SNP689	[G/A]	Ca_Kabuli_LG03	30.074
Ca_Kabuli_SNP690	[A/T]	Ca_Kabuli_LG03	30.289
Ca_Kabuli_SNP691	[C/T]	Ca_Kabuli_LG03	30.337
Ca_Kabuli_SNP692	[T/G]	Ca_Kabuli_LG03	30.393
Ca_Kabuli_SNP693	[C/T]	Ca_Kabuli_LG03	30.461
Ca_Kabuli_SNP694	[A/T]	Ca_Kabuli_LG03	30.917
Ca_Kabuli_SNP695	[C/T]	Ca_Kabuli_LG03	30.955
Ca_Kabuli_SNP696	[G/A]	Ca_Kabuli_LG03	30.970
Ca_Kabuli_SNP697	[T/G]	Ca_Kabuli_LG03	30.988
Ca_Kabuli_SNP698	[A/C]	Ca_Kabuli_LG03	31.056
Ca_Kabuli_SNP699	[A/C]	Ca_Kabuli_LG03	31.220
Ca_Kabuli_SNP700	[C/A]	Ca_Kabuli_LG03	31.432
Ca_Kabuli_SNP701	[G/T]	Ca_Kabuli_LG03	31.446
Ca_Kabuli_SNP702	[G/T]	Ca_Kabuli_LG03	32.105
Ca_Kabuli_SNP703	[G/T]	Ca_Kabuli_LG03	32.305
Ca_Kabuli_SNP704	[G/A]	Ca_Kabuli_LG03	32.408
Ca_Kabuli_SNP705	[A/G]	Ca_Kabuli_LG03	32.841
Ca_Kabuli_SNP706	[A/G]	Ca_Kabuli_LG03	33.153
Ca_Kabuli_SNP707	[C/G]	Ca_Kabuli_LG03	33.282
Ca_Kabuli_SNP708	[T/C]	Ca_Kabuli_LG03	33.883
Ca_Kabuli_SNP709	[C/T]	Ca_Kabuli_LG03	33.950
Ca_Kabuli_SNP710	[A/G]	Ca_Kabuli_LG03	34.063
Ca_Kabuli_SNP711	[T/A]	Ca_Kabuli_LG03	34.063

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP712	[T/G]	Ca_Kabuli_LG03	34.146
Ca_Kabuli_SNP713	[C/T]	Ca_Kabuli_LG03	34.303
Ca_Kabuli_SNP714	[A/G]	Ca_Kabuli_LG03	34.377
Ca_Kabuli_SNP715	[T/G]	Ca_Kabuli_LG03	34.563
Ca_Kabuli_SNP716	[T/A]	Ca_Kabuli_LG03	34.754
Ca_Kabuli_SNP717	[T/C]	Ca_Kabuli_LG03	34.834
Ca_Kabuli_SNP718	[T/G]	Ca_Kabuli_LG03	34.925
Ca_Kabuli_SNP719	[C/T]	Ca_Kabuli_LG03	35.024
Ca_Kabuli_SNP720	[G/A]	Ca_Kabuli_LG03	35.074
Ca_Kabuli_SNP721	[A/C]	Ca_Kabuli_LG03	35.266
Ca_Kabuli_SNP722	[A/T]	Ca_Kabuli_LG03	35.362
Ca_Kabuli_SNP723	[C/A]	Ca_Kabuli_LG03	35.530
Ca_Kabuli_SNP724	[A/G]	Ca_Kabuli_LG03	35.593
Ca_Kabuli_SNP725	[G/C]	Ca_Kabuli_LG03	35.662
Ca_Kabuli_SNP726	[C/T]	Ca_Kabuli_LG03	35.662
Ca_Kabuli_SNP727	[T/C]	Ca_Kabuli_LG03	35.662
Ca_Kabuli_SNP728	[A/C]	Ca_Kabuli_LG03	35.797
Ca_Kabuli_SNP729	[C/A]	Ca_Kabuli_LG03	35.827
Ca_Kabuli_SNP730	[T/C]	Ca_Kabuli_LG03	35.997
Ca_Kabuli_SNP731	[T/C]	Ca_Kabuli_LG03	36.061
Ca_Kabuli_SNP732	[A/C]	Ca_Kabuli_LG03	36.268
Ca_Kabuli_SNP733	[G/C]	Ca_Kabuli_LG03	36.347
Ca_Kabuli_SNP734	[C/A]	Ca_Kabuli_LG03	36.568
Ca_Kabuli_SNP735	[C/T]	Ca_Kabuli_LG03	36.730
Ca_Kabuli_SNP736	[T/G]	Ca_Kabuli_LG03	36.766
Ca_Kabuli_SNP737	[T/G]	Ca_Kabuli_LG03	36.796
Ca_Kabuli_SNP738	[C/T]	Ca_Kabuli_LG03	37.018
Ca_Kabuli_SNP739	[A/G]	Ca_Kabuli_LG03	37.114
Ca_Kabuli_SNP740	[A/T]	Ca_Kabuli_LG03	37.187
Ca_Kabuli_SNP741	[T/C]	Ca_Kabuli_LG03	37.539
Ca_Kabuli_SNP742	[T/G]	Ca_Kabuli_LG03	37.609

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP743	[T/A]	Ca_Kabuli_LG03	37.861
Ca_Kabuli_SNP744	[T/G]	Ca_Kabuli_LG03	37.880
Ca_Kabuli_SNP745	[G/T]	Ca_Kabuli_LG03	38.066
Ca_Kabuli_SNP746	[G/A]	Ca_Kabuli_LG03	38.320
Ca_Kabuli_SNP747	[G/C]	Ca_Kabuli_LG03	38.366
Ca_Kabuli_SNP748	[G/T]	Ca_Kabuli_LG03	38.417
Ca_Kabuli_SNP749	[C/T]	Ca_Kabuli_LG03	38.675
Ca_Kabuli_SNP750	[C/A]	Ca_Kabuli_LG03	38.706
Ca_Kabuli_SNP751	[A/G]	Ca_Kabuli_LG03	38.709
Ca_Kabuli_SNP752	[C/T]	Ca_Kabuli_LG03	38.709
Ca_Kabuli_SNP753	[T/G]	Ca_Kabuli_LG03	38.753
Ca_Kabuli_SNP754	[A/T]	Ca_Kabuli_LG03	38.798
Ca_Kabuli_SNP755	[A/G]	Ca_Kabuli_LG03	38.798
Ca_Kabuli_SNP756	[G/T]	Ca_Kabuli_LG03	38.823
Ca_Kabuli_SNP757	[A/C]	Ca_Kabuli_LG03	38.870
Ca_Kabuli_SNP758	[A/C]	Ca_Kabuli_LG03	38.911
Ca_Kabuli_SNP759	[G/T]	Ca_Kabuli_LG03	38.941
Ca_Kabuli_SNP760	[T/G]	Ca_Kabuli_LG03	38.962
Ca_Kabuli_SNP761	[G/A]	Ca_Kabuli_LG03	39.178
Ca_Kabuli_SNP762	[T/G]	Ca_Kabuli_LG03	39.178
Ca_Kabuli_SNP763	[T/C]	Ca_Kabuli_LG03	39.340
Ca_Kabuli_SNP764	[G/A]	Ca_Kabuli_LG03	39.521
Ca_Kabuli_SNP765	[A/T]	Ca_Kabuli_LG03	39.521
Ca_Kabuli_SNP766	[C/T]	Ca_Kabuli_LG03	39.521
Ca_Kabuli_SNP767	[C/G]	Ca_Kabuli_LG03	39.634
Ca_Kabuli_SNP768	[G/C]	Ca_Kabuli_LG03	39.757
Ca_Kabuli_SNP769	[G/A]	Ca_Kabuli_LG03	39.774
Ca_Kabuli_SNP770	[G/T]	Ca_Kabuli_LG03	39.984
Ca_Kabuli_SNP771	[A/G]	Ca_Kabuli_LG03	40.049
Ca_Kabuli_SNP772	[C/A]	Ca_Kabuli_LG03	40.328
Ca_Kabuli_SNP773	[A/C]	Ca_Kabuli_LG03	40.523

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP774	[T/C]	Ca_Kabuli_LG03	40.573
Ca_Kabuli_SNP775	[G/T]	Ca_Kabuli_LG03	40.652
Ca_Kabuli_SNP776	[C/T]	Ca_Kabuli_LG03	40.759
Ca_Kabuli_SNP777	[A/G]	Ca_Kabuli_LG03	40.784
Ca_Kabuli_SNP778	[A/G]	Ca_Kabuli_LG03	40.847
Ca_Kabuli_SNP779	[T/C]	Ca_Kabuli_LG03	40.960
Ca_Kabuli_SNP780	[T/G]	Ca_Kabuli_LG03	40.961
Ca_Kabuli_SNP781	[G/T]	Ca_Kabuli_LG03	41.026
Ca_Kabuli_SNP782	[A/C]	Ca_Kabuli_LG03	41.131
Ca_Kabuli_SNP783	[G/T]	Ca_Kabuli_LG03	41.318
Ca_Kabuli_SNP784	[T/G]	Ca_Kabuli_LG03	41.378
Ca_Kabuli_SNP785	[T/A]	Ca_Kabuli_LG03	41.451
Ca_Kabuli_SNP786	[T/A]	Ca_Kabuli_LG03	41.500
Ca_Kabuli_SNP787	[A/C]	Ca_Kabuli_LG03	41.518
Ca_Kabuli_SNP788	[C/A]	Ca_Kabuli_LG03	41.599
Ca_Kabuli_SNP789	[T/G]	Ca_Kabuli_LG03	41.607
Ca_Kabuli_SNP790	[A/C]	Ca_Kabuli_LG03	41.772
Ca_Kabuli_SNP791	[T/G]	Ca_Kabuli_LG03	41.816
Ca_Kabuli_SNP792	[G/A]	Ca_Kabuli_LG03	42.118
Ca_Kabuli_SNP793	[G/A]	Ca_Kabuli_LG03	42.125
Ca_Kabuli_SNP794	[T/C]	Ca_Kabuli_LG03	42.146
Ca_Kabuli_SNP795	[T/G]	Ca_Kabuli_LG03	42.297
Ca_Kabuli_SNP796	[G/C]	Ca_Kabuli_LG03	42.389
Ca_Kabuli_SNP797	[A/G]	Ca_Kabuli_LG03	42.458
Ca_Kabuli_SNP798	[C/G]	Ca_Kabuli_LG03	42.642
Ca_Kabuli_SNP799	[C/T]	Ca_Kabuli_LG03	42.722
Ca_Kabuli_SNP800	[G/T]	Ca_Kabuli_LG03	42.991
Ca_Kabuli_SNP801	[A/C]	Ca_Kabuli_LG03	43.088
Ca_Kabuli_SNP802	[T/G]	Ca_Kabuli_LG03	43.109
Ca_Kabuli_SNP803	[A/G]	Ca_Kabuli_LG03	43.188
Ca_Kabuli_SNP804	[T/G]	Ca_Kabuli_LG03	43.359



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP805	[G/T]	Ca_Kabuli_LG03	43.463
Ca_Kabuli_SNP806	[G/A]	Ca_Kabuli_LG03	43.611
Ca_Kabuli_SNP807	[A/T]	Ca_Kabuli_LG03	43.774
Ca_Kabuli_SNP808	[T/C]	Ca_Kabuli_LG03	43.785
Ca_Kabuli_SNP809	[T/G]	Ca_Kabuli_LG03	43.788
Ca_Kabuli_SNP810	[A/C]	Ca_Kabuli_LG03	43.844
Ca_Kabuli_SNP811	[T/G]	Ca_Kabuli_LG03	43.933
Ca_Kabuli_SNP812	[G/C]	Ca_Kabuli_LG03	44.088
Ca_Kabuli_SNP813	[G/T]	Ca_Kabuli_LG03	44.223
Ca_Kabuli_SNP814	[C/T]	Ca_Kabuli_LG03	44.401
Ca_Kabuli_SNP815	[A/G]	Ca_Kabuli_LG03	44.486
Ca_Kabuli_SNP816	[T/G]	Ca_Kabuli_LG03	44.509
Ca_Kabuli_SNP817	[C/T]	Ca_Kabuli_LG03	45.137
Ca_Kabuli_SNP818	[C/A]	Ca_Kabuli_LG03	45.616
Ca_Kabuli_SNP819	[A/G]	Ca_Kabuli_LG03	45.668
Ca_Kabuli_SNP820	[T/A]	Ca_Kabuli_LG03	45.733
Ca_Kabuli_SNP821	[T/A]	Ca_Kabuli_LG03	45.743
Ca_Kabuli_SNP822	[A/T]	Ca_Kabuli_LG03	45.821
Ca_Kabuli_SNP823	[A/T]	Ca_Kabuli_LG03	45.866
Ca_Kabuli_SNP824	[T/C]	Ca_Kabuli_LG03	45.913
Ca_Kabuli_SNP825	[A/C]	Ca_Kabuli_LG03	45.916
Ca_Kabuli_SNP826	[A/C]	Ca_Kabuli_LG03	46.074
Ca_Kabuli_SNP827	[A/C]	Ca_Kabuli_LG03	46.394
Ca_Kabuli_SNP828	[A/C]	Ca_Kabuli_LG03	46.434
Ca_Kabuli_SNP829	[A/C]	Ca_Kabuli_LG03	46.575
Ca_Kabuli_SNP830	[A/C]	Ca_Kabuli_LG03	46.619
Ca_Kabuli_SNP831	[G/T]	Ca_Kabuli_LG03	46.706
Ca_Kabuli_SNP832	[T/A]	Ca_Kabuli_LG03	46.741
Ca_Kabuli_SNP833	[T/G]	Ca_Kabuli_LG03	47.082
Ca_Kabuli_SNP834	[A/C]	Ca_Kabuli_LG03	47.256
Ca_Kabuli_SNP835	[G/T]	Ca_Kabuli_LG03	47.323

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP836	[T/C]	Ca_Kabuli_LG03	47.449
Ca_Kabuli_SNP837	[C/A]	Ca_Kabuli_LG03	47.655
Ca_Kabuli_SNP838	[A/C]	Ca_Kabuli_LG03	47.875
Ca_Kabuli_SNP839	[T/A]	Ca_Kabuli_LG03	48.457
Ca_Kabuli_SNP840	[C/A]	Ca_Kabuli_LG03	48.478
Ca_Kabuli_SNP841	[A/C]	Ca_Kabuli_LG03	48.559
Ca_Kabuli_SNP842	[G/T]	Ca_Kabuli_LG03	49.021
Ca_Kabuli_SNP843	[G/T]	Ca_Kabuli_LG03	49.329
Ca_Kabuli_SNP844	[C/A]	Ca_Kabuli_LG03	49.628
Ca_Kabuli_SNP845	[A/C]	Ca_Kabuli_LG03	49.689
Ca_Kabuli_SNP846	[C/A]	Ca_Kabuli_LG03	49.748
Ca_Kabuli_SNP847	[G/A]	Ca_Kabuli_LG03	49.830
Ca_Kabuli_SNP848	[T/G]	Ca_Kabuli_LG03	49.883
Ca_Kabuli_SNP849	[C/A]	Ca_Kabuli_LG03	50.078
Ca_Kabuli_SNP850	[T/A]	Ca_Kabuli_LG03	50.245
Ca_Kabuli_SNP851	[C/A]	Ca_Kabuli_LG03	50.509
Ca_Kabuli_SNP852	[A/C]	Ca_Kabuli_LG03	50.848
Ca_Kabuli_SNP853	[A/G]	Ca_Kabuli_LG03	50.911
Ca_Kabuli_SNP854	[C/A]	Ca_Kabuli_LG03	50.952
Ca_Kabuli_SNP855	[A/C]	Ca_Kabuli_LG03	50.953
Ca_Kabuli_SNP856	[C/G]	Ca_Kabuli_LG03	50.965
Ca_Kabuli_SNP857	[T/C]	Ca_Kabuli_LG03	51.131
Ca_Kabuli_SNP858	[G/T]	Ca_Kabuli_LG03	51.216
Ca_Kabuli_SNP859	[T/G]	Ca_Kabuli_LG03	51.298
Ca_Kabuli_SNP860	[C/T]	Ca_Kabuli_LG03	51.432
Ca_Kabuli_SNP861	[A/G]	Ca_Kabuli_LG03	51.801
Ca_Kabuli_SNP862	[G/A]	Ca_Kabuli_LG03	52.014
Ca_Kabuli_SNP863	[G/A]	Ca_Kabuli_LG03	52.163
Ca_Kabuli_SNP864	[A/C]	Ca_Kabuli_LG03	52.216
Ca_Kabuli_SNP865	[G/T]	Ca_Kabuli_LG03	52.290
Ca_Kabuli_SNP866	[A/C]	Ca_Kabuli_LG03	52.320

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP867	[G/A]	Ca_Kabuli_LG03	52.419
Ca_Kabuli_SNP868	[A/C]	Ca_Kabuli_LG03	52.444
Ca_Kabuli_SNP869	[G/T]	Ca_Kabuli_LG03	52.944
Ca_Kabuli_SNP870	[A/C]	Ca_Kabuli_LG03	52.987
Ca_Kabuli_SNP871	[G/C]	Ca_Kabuli_LG03	53.038
Ca_Kabuli_SNP872	[T/G]	Ca_Kabuli_LG03	53.086
Ca_Kabuli_SNP873	[G/T]	Ca_Kabuli_LG03	53.119
Ca_Kabuli_SNP874	[A/G]	Ca_Kabuli_LG03	53.245
Ca_Kabuli_SNP875	[G/T]	Ca_Kabuli_LG03	53.283
Ca_Kabuli_SNP876	[G/A]	Ca_Kabuli_LG03	53.351
Ca_Kabuli_SNP877	[G/T]	Ca_Kabuli_LG03	53.385
Ca_Kabuli_SNP878	[C/T]	Ca_Kabuli_LG03	53.390
Ca_Kabuli_SNP879	[A/C]	Ca_Kabuli_LG03	53.562
Ca_Kabuli_SNP880	[G/T]	Ca_Kabuli_LG03	53.793
Ca_Kabuli_SNP881	[C/A]	Ca_Kabuli_LG03	53.964
Ca_Kabuli_SNP882	[T/A]	Ca_Kabuli_LG03	53.996
Ca_Kabuli_SNP883	[G/A]	Ca_Kabuli_LG03	54.536
Ca_Kabuli_SNP884	[T/A]	Ca_Kabuli_LG03	54.565
Ca_Kabuli_SNP885	[A/G]	Ca_Kabuli_LG03	54.669
Ca_Kabuli_SNP886	[T/G]	Ca_Kabuli_LG03	54.693
Ca_Kabuli_SNP887	[T/C]	Ca_Kabuli_LG03	54.817
Ca_Kabuli_SNP888	[T/G]	Ca_Kabuli_LG03	54.862
Ca_Kabuli_SNP889	[A/C]	Ca_Kabuli_LG03	54.976
Ca_Kabuli_SNP890	[A/T]	Ca_Kabuli_LG03	54.986
Ca_Kabuli_SNP891	[T/G]	Ca_Kabuli_LG03	55.209
Ca_Kabuli_SNP892	[C/T]	Ca_Kabuli_LG03	55.263
Ca_Kabuli_SNP893	[G/T]	Ca_Kabuli_LG03	55.345
Ca_Kabuli_SNP894	[C/T]	Ca_Kabuli_LG03	55.537
Ca_Kabuli_SNP895	[A/C]	Ca_Kabuli_LG03	56.204
Ca_Kabuli_SNP896	[T/G]	Ca_Kabuli_LG03	56.213
Ca_Kabuli_SNP897	[C/T]	Ca_Kabuli_LG03	56.439

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP898	[A/G]	Ca_Kabuli_LG03	56.446
Ca_Kabuli_SNP899	[T/G]	Ca_Kabuli_LG03	56.501
Ca_Kabuli_SNP900	[G/T]	Ca_Kabuli_LG03	56.749
Ca_Kabuli_SNP901	[A/G]	Ca_Kabuli_LG03	56.758
Ca_Kabuli_SNP902	[G/A]	Ca_Kabuli_LG03	57.220
Ca_Kabuli_SNP903	[C/A]	Ca_Kabuli_LG03	57.404
Ca_Kabuli_SNP904	[G/T]	Ca_Kabuli_LG03	57.421
Ca_Kabuli_SNP905	[A/T]	Ca_Kabuli_LG03	57.549
Ca_Kabuli_SNP906	[G/A]	Ca_Kabuli_LG03	57.668
Ca_Kabuli_SNP907	[C/T]	Ca_Kabuli_LG03	57.716
Ca_Kabuli_SNP908	[T/G]	Ca_Kabuli_LG03	57.719
Ca_Kabuli_SNP909	[A/G]	Ca_Kabuli_LG03	57.746
Ca_Kabuli_SNP910	[C/T]	Ca_Kabuli_LG03	57.876
Ca_Kabuli_SNP911	[T/G]	Ca_Kabuli_LG03	58.042
Ca_Kabuli_SNP912	[G/A]	Ca_Kabuli_LG03	58.061
Ca_Kabuli_SNP913	[C/G]	Ca_Kabuli_LG03	58.105
Ca_Kabuli_SNP914	[C/A]	Ca_Kabuli_LG03	58.117
Ca_Kabuli_SNP915	[T/A]	Ca_Kabuli_LG03	58.120
Ca_Kabuli_SNP916	[T/A]	Ca_Kabuli_LG03	58.139
Ca_Kabuli_SNP917	[A/G]	Ca_Kabuli_LG03	58.280
Ca_Kabuli_SNP918	[C/G]	Ca_Kabuli_LG03	58.343
Ca_Kabuli_SNP919	[G/A]	Ca_Kabuli_LG03	58.458
Ca_Kabuli_SNP920	[G/A]	Ca_Kabuli_LG03	58.552
Ca_Kabuli_SNP921	[C/T]	Ca_Kabuli_LG03	58.704
Ca_Kabuli_SNP922	[C/T]	Ca_Kabuli_LG03	59.081
Ca_Kabuli_SNP923	[G/A]	Ca_Kabuli_LG03	59.137
Ca_Kabuli_SNP924	[A/G]	Ca_Kabuli_LG03	59.176
Ca_Kabuli_SNP925	[A/G]	Ca_Kabuli_LG03	59.229
Ca_Kabuli_SNP926	[A/G]	Ca_Kabuli_LG03	59.229
Ca_Kabuli_SNP927	[A/G]	Ca_Kabuli_LG03	59.313
Ca_Kabuli_SNP928	[G/T]	Ca_Kabuli_LG03	59.319

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP929	[A/G]	Ca_Kabuli_LG03	59.468
Ca_Kabuli_SNP930	[A/C]	Ca_Kabuli_LG03	59.588
Ca_Kabuli_SNP931	[T/A]	Ca_Kabuli_LG03	59.680
Ca_Kabuli_SNP932	[A/T]	Ca_Kabuli_LG03	60.109
Ca_Kabuli_SNP933	[A/C]	Ca_Kabuli_LG03	60.336
Ca_Kabuli_SNP934	[T/G]	Ca_Kabuli_LG03	60.554
Ca_Kabuli_SNP935	[A/G]	Ca_Kabuli_LG03	60.775
Ca_Kabuli_SNP936	[A/T]	Ca_Kabuli_LG03	60.783
Ca_Kabuli_SNP937	[G/A]	Ca_Kabuli_LG03	60.783
Ca_Kabuli_SNP938	[A/G]	Ca_Kabuli_LG03	61.617
Ca_Kabuli_SNP939	[A/G]	Ca_Kabuli_LG03	61.642
Ca_Kabuli_SNP940	[G/C]	Ca_Kabuli_LG03	61.721
Ca_Kabuli_SNP941	[A/G]	Ca_Kabuli_LG03	61.782
Ca_Kabuli_SNP942	[A/T]	Ca_Kabuli_LG03	62.489
Ca_Kabuli_SNP943	[A/G]	Ca_Kabuli_LG03	62.489
Ca_Kabuli_SNP944	[C/A]	Ca_Kabuli_LG03	62.529
Ca_Kabuli_SNP945	[T/A]	Ca_Kabuli_LG03	62.572
Ca_Kabuli_SNP946	[T/A]	Ca_Kabuli_LG03	62.595
Ca_Kabuli_SNP947	[C/A]	Ca_Kabuli_LG03	62.629
Ca_Kabuli_SNP948	[T/G]	Ca_Kabuli_LG03	62.759
Ca_Kabuli_SNP949	[A/C]	Ca_Kabuli_LG03	62.899
Ca_Kabuli_SNP950	[C/A]	Ca_Kabuli_LG03	63.452
Ca_Kabuli_SNP951	[C/T]	Ca_Kabuli_LG03	63.549
Ca_Kabuli_SNP952	[A/T]	Ca_Kabuli_LG03	63.577
Ca_Kabuli_SNP953	[G/A]	Ca_Kabuli_LG03	63.730
Ca_Kabuli_SNP954	[C/T]	Ca_Kabuli_LG03	64.032
Ca_Kabuli_SNP955	[T/C]	Ca_Kabuli_LG03	64.032
Ca_Kabuli_SNP956	[C/A]	Ca_Kabuli_LG03	64.183
Ca_Kabuli_SNP957	[A/C]	Ca_Kabuli_LG03	64.283
Ca_Kabuli_SNP958	[A/C]	Ca_Kabuli_LG03	64.302
Ca_Kabuli_SNP959	[T/C]	Ca_Kabuli_LG03	64.780

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP960	[C/T]	Ca_Kabuli_LG03	64.951
Ca_Kabuli_SNP961	[T/A]	Ca_Kabuli_LG03	65.552
Ca_Kabuli_SNP962	[G/A]	Ca_Kabuli_LG03	65.594
Ca_Kabuli_SNP963	[T/G]	Ca_Kabuli_LG03	65.835
Ca_Kabuli_SNP964	[C/T]	Ca_Kabuli_LG03	65.920
Ca_Kabuli_SNP965	[C/T]	Ca_Kabuli_LG03	66.204
Ca_Kabuli_SNP966	[A/G]	Ca_Kabuli_LG03	66.220
Ca_Kabuli_SNP967	[A/T]	Ca_Kabuli_LG03	66.468
Ca_Kabuli_SNP968	[T/G]	Ca_Kabuli_LG03	66.562
Ca_Kabuli_SNP969	[T/G]	Ca_Kabuli_LG03	66.817
Ca_Kabuli_SNP970	[T/A]	Ca_Kabuli_LG03	66.864
Ca_Kabuli_SNP971	[A/C]	Ca_Kabuli_LG03	67.052
Ca_Kabuli_SNP972	[G/A]	Ca_Kabuli_LG03	67.075
Ca_Kabuli_SNP973	[C/T]	Ca_Kabuli_LG03	67.456
Ca_Kabuli_SNP974	[G/C]	Ca_Kabuli_LG03	67.599
Ca_Kabuli_SNP975	[C/G]	Ca_Kabuli_LG03	68.019
Ca_Kabuli_SNP976	[A/C]	Ca_Kabuli_LG03	68.150
Ca_Kabuli_SNP977	[T/C]	Ca_Kabuli_LG03	68.157
Ca_Kabuli_SNP978	[C/A]	Ca_Kabuli_LG03	68.608
Ca_Kabuli_SNP979	[G/A]	Ca_Kabuli_LG03	68.621
Ca_Kabuli_SNP980	[G/A]	Ca_Kabuli_LG03	68.790
Ca_Kabuli_SNP981	[A/T]	Ca_Kabuli_LG03	69.010
Ca_Kabuli_SNP982	[A/G]	Ca_Kabuli_LG03	69.096
Ca_Kabuli_SNP983	[T/C]	Ca_Kabuli_LG03	69.096
Ca_Kabuli_SNP984	[A/C]	Ca_Kabuli_LG03	69.096
Ca_Kabuli_SNP985	[G/A]	Ca_Kabuli_LG03	69.096
Ca_Kabuli_SNP986	[A/C]	Ca_Kabuli_LG03	69.145
Ca_Kabuli_SNP987	[A/C]	Ca_Kabuli_LG03	69.342
Ca_Kabuli_SNP988	[C/A]	Ca_Kabuli_LG03	69.420
Ca_Kabuli_SNP989	[A/C]	Ca_Kabuli_LG03	69.675
Ca_Kabuli_SNP990	[T/G]	Ca_Kabuli_LG03	70.240

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP991	[A/G]	Ca_Kabuli_LG03	70.327
Ca_Kabuli_SNP992	[G/A]	Ca_Kabuli_LG03	70.447
Ca_Kabuli_SNP993	[C/T]	Ca_Kabuli_LG03	70.774
Ca_Kabuli_SNP994	[G/T]	Ca_Kabuli_LG03	71.271
Ca_Kabuli_SNP995	[A/C]	Ca_Kabuli_LG03	71.585
Ca_Kabuli_SNP996	[T/C]	Ca_Kabuli_LG03	71.595
Ca_Kabuli_SNP997	[A/C]	Ca_Kabuli_LG03	71.844
Ca_Kabuli_SNP998	[C/A]	Ca_Kabuli_LG03	72.003
Ca_Kabuli_SNP999	[C/A]	Ca_Kabuli_LG03	73.513
Ca_Kabuli_SNP1000	[T/C]	Ca_Kabuli_LG03	73.529
Ca_Kabuli_SNP1001	[G/A]	Ca_Kabuli_LG03	75.644
Ca_Kabuli_SNP1002	[A/T]	Ca_Kabuli_LG03	76.132
Ca_Kabuli_SNP1003	[G/C]	Ca_Kabuli_LG03	77.851
Ca_Kabuli_SNP1004	[A/C]	Ca_Kabuli_LG03	81.410
Ca_Kabuli_SNP1005	[C/T]	Ca_Kabuli_LG03	82.124
Ca_Kabuli_SNP1006	[C/T]	Ca_Kabuli_LG04	0.000
Ca_Kabuli_SNP1007	[A/T]	Ca_Kabuli_LG04	2.264
Ca_Kabuli_SNP1008	[G/A]	Ca_Kabuli_LG04	3.961
Ca_Kabuli_SNP1009	[A/C]	Ca_Kabuli_LG04	9.304
Ca_Kabuli_SNP1010	[A/C]	Ca_Kabuli_LG04	9.545
Ca_Kabuli_SNP1011	[G/T]	Ca_Kabuli_LG04	11.939
Ca_Kabuli_SNP1012	[T/C]	Ca_Kabuli_LG04	12.398
Ca_Kabuli_SNP1013	[G/T]	Ca_Kabuli_LG04	12.696
Ca_Kabuli_SNP1014	[A/G]	Ca_Kabuli_LG04	14.342
Ca_Kabuli_SNP1015	[C/T]	Ca_Kabuli_LG04	14.517
Ca_Kabuli_SNP1016	[A/C]	Ca_Kabuli_LG04	15.244
Ca_Kabuli_SNP1017	[A/G]	Ca_Kabuli_LG04	15.438
Ca_Kabuli_SNP1018	[T/A]	Ca_Kabuli_LG04	15.774
Ca_Kabuli_SNP1019	[A/C]	Ca_Kabuli_LG04	15.916
Ca_Kabuli_SNP1020	[A/T]	Ca_Kabuli_LG04	15.970
Ca_Kabuli_SNP1021	[A/T]	Ca_Kabuli_LG04	16.561

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1022	[A/G]	Ca_Kabuli_LG04	16.965
Ca_Kabuli_SNP1023	[A/T]	Ca_Kabuli_LG04	17.087
Ca_Kabuli_SNP1024	[C/G]	Ca_Kabuli_LG04	17.837
Ca_Kabuli_SNP1025	[G/A]	Ca_Kabuli_LG04	18.117
Ca_Kabuli_SNP1026	[A/G]	Ca_Kabuli_LG04	18.257
Ca_Kabuli_SNP1027	[T/C]	Ca_Kabuli_LG04	18.877
Ca_Kabuli_SNP1028	[T/G]	Ca_Kabuli_LG04	19.005
Ca_Kabuli_SNP1029	[A/G]	Ca_Kabuli_LG04	19.709
Ca_Kabuli_SNP1030	[C/T]	Ca_Kabuli_LG04	19.918
Ca_Kabuli_SNP1031	[T/A]	Ca_Kabuli_LG04	20.223
Ca_Kabuli_SNP1032	[G/A]	Ca_Kabuli_LG04	20.351
Ca_Kabuli_SNP1033	[A/C]	Ca_Kabuli_LG04	20.484
Ca_Kabuli_SNP1034	[T/C]	Ca_Kabuli_LG04	21.079
Ca_Kabuli_SNP1035	[G/A]	Ca_Kabuli_LG04	21.124
Ca_Kabuli_SNP1036	[C/T]	Ca_Kabuli_LG04	21.330
Ca_Kabuli_SNP1037	[G/A]	Ca_Kabuli_LG04	21.334
Ca_Kabuli_SNP1038	[C/T]	Ca_Kabuli_LG04	21.486
Ca_Kabuli_SNP1039	[T/A]	Ca_Kabuli_LG04	21.497
Ca_Kabuli_SNP1040	[C/A]	Ca_Kabuli_LG04	22.046
Ca_Kabuli_SNP1041	[G/T]	Ca_Kabuli_LG04	22.092
Ca_Kabuli_SNP1042	[A/C]	Ca_Kabuli_LG04	22.764
Ca_Kabuli_SNP1043	[A/C]	Ca_Kabuli_LG04	22.794
Ca_Kabuli_SNP1044	[G/A]	Ca_Kabuli_LG04	23.944
Ca_Kabuli_SNP1045	[A/G]	Ca_Kabuli_LG04	23.982
Ca_Kabuli_SNP1046	[A/G]	Ca_Kabuli_LG04	24.132
Ca_Kabuli_SNP1047	[T/C]	Ca_Kabuli_LG04	24.456
Ca_Kabuli_SNP1048	[T/A]	Ca_Kabuli_LG04	25.071
Ca_Kabuli_SNP1049	[G/A]	Ca_Kabuli_LG04	25.572
Ca_Kabuli_SNP1050	[T/A]	Ca_Kabuli_LG04	26.132
Ca_Kabuli_SNP1051	[G/A]	Ca_Kabuli_LG04	26.145
Ca_Kabuli_SNP1052	[G/C]	Ca_Kabuli_LG04	26.286



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1053	[C/G]	Ca_Kabuli_LG04	26.632
Ca_Kabuli_SNP1054	[G/A]	Ca_Kabuli_LG04	26.721
Ca_Kabuli_SNP1055	[C/T]	Ca_Kabuli_LG04	26.982
Ca_Kabuli_SNP1056	[T/G]	Ca_Kabuli_LG04	26.992
Ca_Kabuli_SNP1057	[G/C]	Ca_Kabuli_LG04	27.397
Ca_Kabuli_SNP1058	[G/T]	Ca_Kabuli_LG04	27.450
Ca_Kabuli_SNP1059	[C/T]	Ca_Kabuli_LG04	27.511
Ca_Kabuli_SNP1060	[T/G]	Ca_Kabuli_LG04	27.706
Ca_Kabuli_SNP1061	[G/A]	Ca_Kabuli_LG04	28.137
Ca_Kabuli_SNP1062	[C/A]	Ca_Kabuli_LG04	28.142
Ca_Kabuli_SNP1063	[A/G]	Ca_Kabuli_LG04	28.404
Ca_Kabuli_SNP1064	[T/G]	Ca_Kabuli_LG04	28.451
Ca_Kabuli_SNP1065	[C/G]	Ca_Kabuli_LG04	28.602
Ca_Kabuli_SNP1066	[G/T]	Ca_Kabuli_LG04	28.758
Ca_Kabuli_SNP1067	[A/G]	Ca_Kabuli_LG04	28.765
Ca_Kabuli_SNP1068	[A/G]	Ca_Kabuli_LG04	29.197
Ca_Kabuli_SNP1069	[A/C]	Ca_Kabuli_LG04	29.397
Ca_Kabuli_SNP1070	[C/G]	Ca_Kabuli_LG04	29.511
Ca_Kabuli_SNP1071	[G/A]	Ca_Kabuli_LG04	29.680
Ca_Kabuli_SNP1072	[G/C]	Ca_Kabuli_LG04	29.770
Ca_Kabuli_SNP1073	[T/C]	Ca_Kabuli_LG04	29.848
Ca_Kabuli_SNP1074	[T/C]	Ca_Kabuli_LG04	30.306
Ca_Kabuli_SNP1075	[T/C]	Ca_Kabuli_LG04	30.339
Ca_Kabuli_SNP1076	[T/G]	Ca_Kabuli_LG04	30.362
Ca_Kabuli_SNP1077	[T/G]	Ca_Kabuli_LG04	30.445
Ca_Kabuli_SNP1078	[A/C]	Ca_Kabuli_LG04	30.549
Ca_Kabuli_SNP1079	[T/C]	Ca_Kabuli_LG04	30.655
Ca_Kabuli_SNP1080	[T/G]	Ca_Kabuli_LG04	31.024
Ca_Kabuli_SNP1081	[C/T]	Ca_Kabuli_LG04	31.027
Ca_Kabuli_SNP1082	[C/T]	Ca_Kabuli_LG04	31.038
Ca_Kabuli_SNP1083	[C/T]	Ca_Kabuli_LG04	31.346

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1084	[C/A]	Ca_Kabuli_LG04	31.457
Ca_Kabuli_SNP1085	[T/C]	Ca_Kabuli_LG04	31.781
Ca_Kabuli_SNP1086	[T/G]	Ca_Kabuli_LG04	31.839
Ca_Kabuli_SNP1087	[A/C]	Ca_Kabuli_LG04	32.110
Ca_Kabuli_SNP1088	[C/G]	Ca_Kabuli_LG04	32.203
Ca_Kabuli_SNP1089	[C/T]	Ca_Kabuli_LG04	32.210
Ca_Kabuli_SNP1090	[C/A]	Ca_Kabuli_LG04	32.402
Ca_Kabuli_SNP1091	[T/A]	Ca_Kabuli_LG04	33.086
Ca_Kabuli_SNP1092	[A/C]	Ca_Kabuli_LG04	33.150
Ca_Kabuli_SNP1093	[A/T]	Ca_Kabuli_LG04	33.200
Ca_Kabuli_SNP1094	[C/T]	Ca_Kabuli_LG04	33.297
Ca_Kabuli_SNP1095	[C/T]	Ca_Kabuli_LG04	33.600
Ca_Kabuli_SNP1096	[T/A]	Ca_Kabuli_LG04	33.796
Ca_Kabuli_SNP1097	[C/T]	Ca_Kabuli_LG04	33.884
Ca_Kabuli_SNP1098	[A/T]	Ca_Kabuli_LG04	33.956
Ca_Kabuli_SNP1099	[G/A]	Ca_Kabuli_LG04	34.082
Ca_Kabuli_SNP1100	[T/C]	Ca_Kabuli_LG04	34.098
Ca_Kabuli_SNP1101	[C/T]	Ca_Kabuli_LG04	34.362
Ca_Kabuli_SNP1102	[G/A]	Ca_Kabuli_LG04	34.677
Ca_Kabuli_SNP1103	[T/C]	Ca_Kabuli_LG04	34.978
Ca_Kabuli_SNP1104	[A/T]	Ca_Kabuli_LG04	34.978
Ca_Kabuli_SNP1105	[C/A]	Ca_Kabuli_LG04	35.368
Ca_Kabuli_SNP1106	[T/A]	Ca_Kabuli_LG04	35.373
Ca_Kabuli_SNP1107	[T/C]	Ca_Kabuli_LG04	35.470
Ca_Kabuli_SNP1108	[A/C]	Ca_Kabuli_LG04	35.808
Ca_Kabuli_SNP1109	[G/A]	Ca_Kabuli_LG04	36.183
Ca_Kabuli_SNP1110	[T/G]	Ca_Kabuli_LG04	36.236
Ca_Kabuli_SNP1111	[A/C]	Ca_Kabuli_LG04	36.582
Ca_Kabuli_SNP1112	[T/G]	Ca_Kabuli_LG04	36.704
Ca_Kabuli_SNP1113	[C/T]	Ca_Kabuli_LG04	36.831
Ca_Kabuli_SNP1114	[G/A]	Ca_Kabuli_LG04	36.991

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1115	[T/G]	Ca_Kabuli_LG04	37.178
Ca_Kabuli_SNP1116	[C/T]	Ca_Kabuli_LG04	37.539
Ca_Kabuli_SNP1117	[A/C]	Ca_Kabuli_LG04	37.732
Ca_Kabuli_SNP1118	[T/G]	Ca_Kabuli_LG04	37.809
Ca_Kabuli_SNP1119	[C/T]	Ca_Kabuli_LG04	37.819
Ca_Kabuli_SNP1120	[A/G]	Ca_Kabuli_LG04	38.701
Ca_Kabuli_SNP1121	[C/T]	Ca_Kabuli_LG04	38.808
Ca_Kabuli_SNP1122	[G/T]	Ca_Kabuli_LG04	38.808
Ca_Kabuli_SNP1123	[T/G]	Ca_Kabuli_LG04	38.844
Ca_Kabuli_SNP1124	[A/C]	Ca_Kabuli_LG04	39.007
Ca_Kabuli_SNP1125	[C/G]	Ca_Kabuli_LG04	39.065
Ca_Kabuli_SNP1126	[G/A]	Ca_Kabuli_LG04	39.189
Ca_Kabuli_SNP1127	[A/C]	Ca_Kabuli_LG04	39.336
Ca_Kabuli_SNP1128	[C/A]	Ca_Kabuli_LG04	39.447
Ca_Kabuli_SNP1129	[A/C]	Ca_Kabuli_LG04	39.610
Ca_Kabuli_SNP1130	[T/G]	Ca_Kabuli_LG04	39.730
Ca_Kabuli_SNP1131	[C/T]	Ca_Kabuli_LG04	39.788
Ca_Kabuli_SNP1132	[C/T]	Ca_Kabuli_LG04	39.834
Ca_Kabuli_SNP1133	[T/A]	Ca_Kabuli_LG04	40.037
Ca_Kabuli_SNP1134	[T/C]	Ca_Kabuli_LG04	40.228
Ca_Kabuli_SNP1135	[G/T]	Ca_Kabuli_LG04	40.330
Ca_Kabuli_SNP1136	[A/C]	Ca_Kabuli_LG04	40.899
Ca_Kabuli_SNP1137	[A/C]	Ca_Kabuli_LG04	41.131
Ca_Kabuli_SNP1138	[A/C]	Ca_Kabuli_LG04	41.151
Ca_Kabuli_SNP1139	[A/T]	Ca_Kabuli_LG04	41.341
Ca_Kabuli_SNP1140	[C/A]	Ca_Kabuli_LG04	41.487
Ca_Kabuli_SNP1141	[T/C]	Ca_Kabuli_LG04	42.099
Ca_Kabuli_SNP1142	[A/C]	Ca_Kabuli_LG04	42.750
Ca_Kabuli_SNP1143	[A/G]	Ca_Kabuli_LG04	43.137
Ca_Kabuli_SNP1144	[T/G]	Ca_Kabuli_LG04	43.179
Ca_Kabuli_SNP1145	[T/G]	Ca_Kabuli_LG04	43.265

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1146	[T/C]	Ca_Kabuli_LG04	43.377
Ca_Kabuli_SNP1147	[C/T]	Ca_Kabuli_LG04	43.624
Ca_Kabuli_SNP1148	[G/A]	Ca_Kabuli_LG04	44.737
Ca_Kabuli_SNP1149	[A/T]	Ca_Kabuli_LG04	45.002
Ca_Kabuli_SNP1150	[C/G]	Ca_Kabuli_LG04	45.245
Ca_Kabuli_SNP1151	[A/G]	Ca_Kabuli_LG04	45.311
Ca_Kabuli_SNP1152	[T/C]	Ca_Kabuli_LG04	45.671
Ca_Kabuli_SNP1153	[T/A]	Ca_Kabuli_LG04	45.861
Ca_Kabuli_SNP1154	[C/T]	Ca_Kabuli_LG04	45.964
Ca_Kabuli_SNP1155	[A/C]	Ca_Kabuli_LG04	46.343
Ca_Kabuli_SNP1156	[A/C]	Ca_Kabuli_LG04	46.473
Ca_Kabuli_SNP1157	[G/A]	Ca_Kabuli_LG04	46.476
Ca_Kabuli_SNP1158	[T/A]	Ca_Kabuli_LG04	46.718
Ca_Kabuli_SNP1159	[T/A]	Ca_Kabuli_LG04	46.880
Ca_Kabuli_SNP1160	[C/T]	Ca_Kabuli_LG04	46.958
Ca_Kabuli_SNP1161	[A/G]	Ca_Kabuli_LG04	47.031
Ca_Kabuli_SNP1162	[C/T]	Ca_Kabuli_LG04	47.150
Ca_Kabuli_SNP1163	[T/C]	Ca_Kabuli_LG04	47.150
Ca_Kabuli_SNP1164	[A/C]	Ca_Kabuli_LG04	47.242
Ca_Kabuli_SNP1165	[C/A]	Ca_Kabuli_LG04	47.401
Ca_Kabuli_SNP1166	[A/T]	Ca_Kabuli_LG04	47.619
Ca_Kabuli_SNP1167	[C/A]	Ca_Kabuli_LG04	48.294
Ca_Kabuli_SNP1168	[T/G]	Ca_Kabuli_LG04	48.343
Ca_Kabuli_SNP1169	[A/G]	Ca_Kabuli_LG04	48.352
Ca_Kabuli_SNP1170	[G/A]	Ca_Kabuli_LG04	48.465
Ca_Kabuli_SNP1171	[C/A]	Ca_Kabuli_LG04	48.548
Ca_Kabuli_SNP1172	[G/T]	Ca_Kabuli_LG04	48.650
Ca_Kabuli_SNP1173	[C/A]	Ca_Kabuli_LG04	48.727
Ca_Kabuli_SNP1174	[A/C]	Ca_Kabuli_LG04	48.788
Ca_Kabuli_SNP1175	[T/G]	Ca_Kabuli_LG04	48.840
Ca_Kabuli_SNP1176	[C/T]	Ca_Kabuli_LG04	48.897

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1177	[T/C]	Ca_Kabuli_LG04	48.967
Ca_Kabuli_SNP1178	[T/G]	Ca_Kabuli_LG04	49.004
Ca_Kabuli_SNP1179	[T/A]	Ca_Kabuli_LG04	49.028
Ca_Kabuli_SNP1180	[G/A]	Ca_Kabuli_LG04	49.212
Ca_Kabuli_SNP1181	[A/C]	Ca_Kabuli_LG04	49.285
Ca_Kabuli_SNP1182	[C/T]	Ca_Kabuli_LG04	49.377
Ca_Kabuli_SNP1183	[T/C]	Ca_Kabuli_LG04	49.448
Ca_Kabuli_SNP1184	[T/G]	Ca_Kabuli_LG04	49.755
Ca_Kabuli_SNP1185	[G/A]	Ca_Kabuli_LG04	49.825
Ca_Kabuli_SNP1186	[A/T]	Ca_Kabuli_LG04	49.922
Ca_Kabuli_SNP1187	[T/C]	Ca_Kabuli_LG04	49.947
Ca_Kabuli_SNP1188	[C/T]	Ca_Kabuli_LG04	50.593
Ca_Kabuli_SNP1189	[A/T]	Ca_Kabuli_LG04	50.610
Ca_Kabuli_SNP1190	[C/T]	Ca_Kabuli_LG04	50.756
Ca_Kabuli_SNP1191	[T/C]	Ca_Kabuli_LG04	51.036
Ca_Kabuli_SNP1192	[A/G]	Ca_Kabuli_LG04	51.056
Ca_Kabuli_SNP1193	[C/T]	Ca_Kabuli_LG04	51.085
Ca_Kabuli_SNP1194	[G/A]	Ca_Kabuli_LG04	51.153
Ca_Kabuli_SNP1195	[A/C]	Ca_Kabuli_LG04	51.354
Ca_Kabuli_SNP1196	[T/G]	Ca_Kabuli_LG04	51.414
Ca_Kabuli_SNP1197	[G/T]	Ca_Kabuli_LG04	51.490
Ca_Kabuli_SNP1198	[C/A]	Ca_Kabuli_LG04	51.746
Ca_Kabuli_SNP1199	[C/T]	Ca_Kabuli_LG04	52.217
Ca_Kabuli_SNP1200	[G/A]	Ca_Kabuli_LG04	52.479
Ca_Kabuli_SNP1201	[T/G]	Ca_Kabuli_LG04	52.545
Ca_Kabuli_SNP1202	[A/C]	Ca_Kabuli_LG04	52.554
Ca_Kabuli_SNP1203	[A/G]	Ca_Kabuli_LG04	52.990
Ca_Kabuli_SNP1204	[G/A]	Ca_Kabuli_LG04	53.009
Ca_Kabuli_SNP1205	[A/C]	Ca_Kabuli_LG04	53.413
Ca_Kabuli_SNP1206	[G/A]	Ca_Kabuli_LG04	53.798
Ca_Kabuli_SNP1207	[T/C]	Ca_Kabuli_LG04	53.861

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1208	[G/A]	Ca_Kabuli_LG04	54.045
Ca_Kabuli_SNP1209	[A/G]	Ca_Kabuli_LG04	54.168
Ca_Kabuli_SNP1210	[C/T]	Ca_Kabuli_LG04	54.197
Ca_Kabuli_SNP1211	[A/G]	Ca_Kabuli_LG04	54.357
Ca_Kabuli_SNP1212	[T/G]	Ca_Kabuli_LG04	54.478
Ca_Kabuli_SNP1213	[T/G]	Ca_Kabuli_LG04	54.579
Ca_Kabuli_SNP1214	[A/C]	Ca_Kabuli_LG04	54.650
Ca_Kabuli_SNP1215	[T/A]	Ca_Kabuli_LG04	54.726
Ca_Kabuli_SNP1216	[T/G]	Ca_Kabuli_LG04	54.747
Ca_Kabuli_SNP1217	[A/C]	Ca_Kabuli_LG04	55.042
Ca_Kabuli_SNP1218	[T/C]	Ca_Kabuli_LG04	55.047
Ca_Kabuli_SNP1219	[C/T]	Ca_Kabuli_LG04	55.049
Ca_Kabuli_SNP1220	[C/T]	Ca_Kabuli_LG04	55.049
Ca_Kabuli_SNP1221	[T/A]	Ca_Kabuli_LG04	55.302
Ca_Kabuli_SNP1222	[G/A]	Ca_Kabuli_LG04	55.508
Ca_Kabuli_SNP1223	[C/G]	Ca_Kabuli_LG04	55.573
Ca_Kabuli_SNP1224	[C/T]	Ca_Kabuli_LG04	56.016
Ca_Kabuli_SNP1225	[G/T]	Ca_Kabuli_LG04	56.211
Ca_Kabuli_SNP1226	[T/C]	Ca_Kabuli_LG04	56.245
Ca_Kabuli_SNP1227	[C/T]	Ca_Kabuli_LG04	56.295
Ca_Kabuli_SNP1228	[G/T]	Ca_Kabuli_LG04	56.309
Ca_Kabuli_SNP1229	[T/A]	Ca_Kabuli_LG04	56.404
Ca_Kabuli_SNP1230	[A/C]	Ca_Kabuli_LG04	56.414
Ca_Kabuli_SNP1231	[A/C]	Ca_Kabuli_LG04	56.483
Ca_Kabuli_SNP1232	[A/G]	Ca_Kabuli_LG04	56.491
Ca_Kabuli_SNP1233	[G/A]	Ca_Kabuli_LG04	56.728
Ca_Kabuli_SNP1234	[C/T]	Ca_Kabuli_LG04	56.895
Ca_Kabuli_SNP1235	[C/T]	Ca_Kabuli_LG04	56.950
Ca_Kabuli_SNP1236	[A/G]	Ca_Kabuli_LG04	56.950
Ca_Kabuli_SNP1237	[G/A]	Ca_Kabuli_LG04	56.975
Ca_Kabuli_SNP1238	[A/G]	Ca_Kabuli_LG04	56.976

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1239	[C/A]	Ca_Kabuli_LG04	57.072
Ca_Kabuli_SNP1240	[A/G]	Ca_Kabuli_LG04	57.173
Ca_Kabuli_SNP1241	[T/A]	Ca_Kabuli_LG04	57.327
Ca_Kabuli_SNP1242	[A/T]	Ca_Kabuli_LG04	57.445
Ca_Kabuli_SNP1243	[C/T]	Ca_Kabuli_LG04	57.485
Ca_Kabuli_SNP1244	[C/T]	Ca_Kabuli_LG04	57.502
Ca_Kabuli_SNP1245	[T/A]	Ca_Kabuli_LG04	57.667
Ca_Kabuli_SNP1246	[G/A]	Ca_Kabuli_LG04	57.674
Ca_Kabuli_SNP1247	[G/T]	Ca_Kabuli_LG04	57.728
Ca_Kabuli_SNP1248	[A/T]	Ca_Kabuli_LG04	57.738
Ca_Kabuli_SNP1249	[T/C]	Ca_Kabuli_LG04	57.763
Ca_Kabuli_SNP1250	[C/A]	Ca_Kabuli_LG04	57.800
Ca_Kabuli_SNP1251	[A/G]	Ca_Kabuli_LG04	57.941
Ca_Kabuli_SNP1252	[A/C]	Ca_Kabuli_LG04	57.989
Ca_Kabuli_SNP1253	[T/A]	Ca_Kabuli_LG04	58.058
Ca_Kabuli_SNP1254	[G/T]	Ca_Kabuli_LG04	58.136
Ca_Kabuli_SNP1255	[A/T]	Ca_Kabuli_LG04	58.140
Ca_Kabuli_SNP1256	[A/G]	Ca_Kabuli_LG04	58.193
Ca_Kabuli_SNP1257	[C/T]	Ca_Kabuli_LG04	58.343
Ca_Kabuli_SNP1258	[C/T]	Ca_Kabuli_LG04	58.343
Ca_Kabuli_SNP1259	[C/T]	Ca_Kabuli_LG04	58.406
Ca_Kabuli_SNP1260	[T/A]	Ca_Kabuli_LG04	58.437
Ca_Kabuli_SNP1261	[G/T]	Ca_Kabuli_LG04	58.558
Ca_Kabuli_SNP1262	[T/A]	Ca_Kabuli_LG04	58.672
Ca_Kabuli_SNP1263	[C/T]	Ca_Kabuli_LG04	58.951
Ca_Kabuli_SNP1264	[C/A]	Ca_Kabuli_LG04	59.066
Ca_Kabuli_SNP1265	[T/A]	Ca_Kabuli_LG04	59.156
Ca_Kabuli_SNP1266	[G/T]	Ca_Kabuli_LG04	59.221
Ca_Kabuli_SNP1267	[T/A]	Ca_Kabuli_LG04	59.304
Ca_Kabuli_SNP1268	[G/A]	Ca_Kabuli_LG04	59.363
Ca_Kabuli_SNP1269	[G/C]	Ca_Kabuli_LG04	59.468

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1270	[A/G]	Ca_Kabuli_LG04	59.493
Ca_Kabuli_SNP1271	[C/T]	Ca_Kabuli_LG04	59.528
Ca_Kabuli_SNP1272	[T/A]	Ca_Kabuli_LG04	59.533
Ca_Kabuli_SNP1273	[T/A]	Ca_Kabuli_LG04	59.549
Ca_Kabuli_SNP1274	[G/C]	Ca_Kabuli_LG04	59.557
Ca_Kabuli_SNP1275	[A/G]	Ca_Kabuli_LG04	59.557
Ca_Kabuli_SNP1276	[A/G]	Ca_Kabuli_LG04	59.598
Ca_Kabuli_SNP1277	[A/C]	Ca_Kabuli_LG04	59.784
Ca_Kabuli_SNP1278	[G/A]	Ca_Kabuli_LG04	59.994
Ca_Kabuli_SNP1279	[T/G]	Ca_Kabuli_LG04	60.005
Ca_Kabuli_SNP1280	[C/A]	Ca_Kabuli_LG04	60.060
Ca_Kabuli_SNP1281	[C/G]	Ca_Kabuli_LG04	60.134
Ca_Kabuli_SNP1282	[T/A]	Ca_Kabuli_LG04	60.282
Ca_Kabuli_SNP1283	[G/A]	Ca_Kabuli_LG04	60.482
Ca_Kabuli_SNP1284	[G/T]	Ca_Kabuli_LG04	60.643
Ca_Kabuli_SNP1285	[T/C]	Ca_Kabuli_LG04	60.646
Ca_Kabuli_SNP1286	[C/A]	Ca_Kabuli_LG04	60.696
Ca_Kabuli_SNP1287	[A/G]	Ca_Kabuli_LG04	60.877
Ca_Kabuli_SNP1288	[T/G]	Ca_Kabuli_LG04	60.933
Ca_Kabuli_SNP1289	[G/A]	Ca_Kabuli_LG04	60.981
Ca_Kabuli_SNP1290	[A/G]	Ca_Kabuli_LG04	61.022
Ca_Kabuli_SNP1291	[C/T]	Ca_Kabuli_LG04	61.056
Ca_Kabuli_SNP1292	[T/G]	Ca_Kabuli_LG04	61.075
Ca_Kabuli_SNP1293	[G/A]	Ca_Kabuli_LG04	61.116
Ca_Kabuli_SNP1294	[A/G]	Ca_Kabuli_LG04	61.155
Ca_Kabuli_SNP1295	[A/G]	Ca_Kabuli_LG04	61.160
Ca_Kabuli_SNP1296	[A/G]	Ca_Kabuli_LG04	61.318
Ca_Kabuli_SNP1297	[A/G]	Ca_Kabuli_LG04	61.390
Ca_Kabuli_SNP1298	[T/C]	Ca_Kabuli_LG04	61.515
Ca_Kabuli_SNP1299	[C/T]	Ca_Kabuli_LG04	61.785
Ca_Kabuli_SNP1300	[A/T]	Ca_Kabuli_LG04	61.809



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1301	[G/A]	Ca_Kabuli_LG04	61.850
Ca_Kabuli_SNP1302	[G/T]	Ca_Kabuli_LG04	62.072
Ca_Kabuli_SNP1303	[A/G]	Ca_Kabuli_LG04	62.107
Ca_Kabuli_SNP1304	[A/C]	Ca_Kabuli_LG04	62.306
Ca_Kabuli_SNP1305	[G/C]	Ca_Kabuli_LG04	62.417
Ca_Kabuli_SNP1306	[A/G]	Ca_Kabuli_LG04	62.438
Ca_Kabuli_SNP1307	[G/A]	Ca_Kabuli_LG04	62.597
Ca_Kabuli_SNP1308	[C/T]	Ca_Kabuli_LG04	62.639
Ca_Kabuli_SNP1309	[A/C]	Ca_Kabuli_LG04	62.683
Ca_Kabuli_SNP1310	[A/G]	Ca_Kabuli_LG04	62.735
Ca_Kabuli_SNP1311	[C/T]	Ca_Kabuli_LG04	62.758
Ca_Kabuli_SNP1312	[G/C]	Ca_Kabuli_LG04	62.788
Ca_Kabuli_SNP1313	[T/C]	Ca_Kabuli_LG04	62.873
Ca_Kabuli_SNP1314	[C/T]	Ca_Kabuli_LG04	62.917
Ca_Kabuli_SNP1315	[A/C]	Ca_Kabuli_LG04	62.956
Ca_Kabuli_SNP1316	[C/G]	Ca_Kabuli_LG04	62.995
Ca_Kabuli_SNP1317	[T/G]	Ca_Kabuli_LG04	63.016
Ca_Kabuli_SNP1318	[C/T]	Ca_Kabuli_LG04	63.039
Ca_Kabuli_SNP1319	[A/G]	Ca_Kabuli_LG04	63.050
Ca_Kabuli_SNP1320	[A/G]	Ca_Kabuli_LG04	63.156
Ca_Kabuli_SNP1321	[C/A]	Ca_Kabuli_LG04	63.200
Ca_Kabuli_SNP1322	[C/T]	Ca_Kabuli_LG04	63.214
Ca_Kabuli_SNP1323	[G/C]	Ca_Kabuli_LG04	63.364
Ca_Kabuli_SNP1324	[C/G]	Ca_Kabuli_LG04	63.392
Ca_Kabuli_SNP1325	[T/C]	Ca_Kabuli_LG04	63.418
Ca_Kabuli_SNP1326	[G/A]	Ca_Kabuli_LG04	63.573
Ca_Kabuli_SNP1327	[C/T]	Ca_Kabuli_LG04	64.001
Ca_Kabuli_SNP1328	[C/A]	Ca_Kabuli_LG04	64.104
Ca_Kabuli_SNP1329	[G/A]	Ca_Kabuli_LG04	64.113
Ca_Kabuli_SNP1330	[C/G]	Ca_Kabuli_LG04	64.133
Ca_Kabuli_SNP1331	[C/T]	Ca_Kabuli_LG04	64.770

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1332	[A/C]	Ca_Kabuli_LG04	64.800
Ca_Kabuli_SNP1333	[A/G]	Ca_Kabuli_LG04	65.148
Ca_Kabuli_SNP1334	[C/T]	Ca_Kabuli_LG04	65.313
Ca_Kabuli_SNP1335	[T/A]	Ca_Kabuli_LG04	65.465
Ca_Kabuli_SNP1336	[A/G]	Ca_Kabuli_LG04	65.670
Ca_Kabuli_SNP1337	[T/G]	Ca_Kabuli_LG04	65.691
Ca_Kabuli_SNP1338	[G/A]	Ca_Kabuli_LG04	65.777
Ca_Kabuli_SNP1339	[T/C]	Ca_Kabuli_LG04	66.005
Ca_Kabuli_SNP1340	[T/A]	Ca_Kabuli_LG04	66.059
Ca_Kabuli_SNP1341	[C/T]	Ca_Kabuli_LG04	66.059
Ca_Kabuli_SNP1342	[A/T]	Ca_Kabuli_LG04	66.285
Ca_Kabuli_SNP1343	[A/C]	Ca_Kabuli_LG04	66.468
Ca_Kabuli_SNP1344	[G/T]	Ca_Kabuli_LG04	66.756
Ca_Kabuli_SNP1345	[G/T]	Ca_Kabuli_LG04	66.835
Ca_Kabuli_SNP1346	[C/T]	Ca_Kabuli_LG04	66.948
Ca_Kabuli_SNP1347	[A/G]	Ca_Kabuli_LG04	67.066
Ca_Kabuli_SNP1348	[T/C]	Ca_Kabuli_LG04	67.432
Ca_Kabuli_SNP1349	[A/C]	Ca_Kabuli_LG04	67.738
Ca_Kabuli_SNP1350	[T/G]	Ca_Kabuli_LG04	67.793
Ca_Kabuli_SNP1351	[C/T]	Ca_Kabuli_LG04	67.805
Ca_Kabuli_SNP1352	[A/G]	Ca_Kabuli_LG04	67.967
Ca_Kabuli_SNP1353	[A/G]	Ca_Kabuli_LG04	67.977
Ca_Kabuli_SNP1354	[C/T]	Ca_Kabuli_LG04	68.386
Ca_Kabuli_SNP1355	[G/A]	Ca_Kabuli_LG04	68.549
Ca_Kabuli_SNP1356	[A/G]	Ca_Kabuli_LG04	68.728
Ca_Kabuli_SNP1357	[A/G]	Ca_Kabuli_LG04	68.958
Ca_Kabuli_SNP1358	[C/T]	Ca_Kabuli_LG04	69.628
Ca_Kabuli_SNP1359	[A/T]	Ca_Kabuli_LG04	71.594
Ca_Kabuli_SNP1360	[G/T]	Ca_Kabuli_LG04	71.722
Ca_Kabuli_SNP1361	[A/G]	Ca_Kabuli_LG04	72.721
Ca_Kabuli_SNP1362	[T/A]	Ca_Kabuli_LG04	73.323

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1363	[C/T]	Ca_Kabuli_LG04	73.473
Ca_Kabuli_SNP1364	[C/A]	Ca_Kabuli_LG04	75.827
Ca_Kabuli_SNP1365	[C/T]	Ca_Kabuli_LG04	76.219
Ca_Kabuli_SNP1366	[C/T]	Ca_Kabuli_LG04	76.522
Ca_Kabuli_SNP1367	[T/A]	Ca_Kabuli_LG04	76.567
Ca_Kabuli_SNP1368	[C/T]	Ca_Kabuli_LG04	76.866
Ca_Kabuli_SNP1369	[T/C]	Ca_Kabuli_LG04	79.835
Ca_Kabuli_SNP1370	[A/C]	Ca_Kabuli_LG04	80.097
Ca_Kabuli_SNP1371	[T/C]	Ca_Kabuli_LG04	80.214
Ca_Kabuli_SNP1372	[A/C]	Ca_Kabuli_LG04	80.864
Ca_Kabuli_SNP1373	[A/G]	Ca_Kabuli_LG04	80.896
Ca_Kabuli_SNP1374	[C/T]	Ca_Kabuli_LG04	81.863
Ca_Kabuli_SNP1375	[T/G]	Ca_Kabuli_LG04	82.375
Ca_Kabuli_SNP1376	[A/C]	Ca_Kabuli_LG04	82.408
Ca_Kabuli_SNP1377	[A/C]	Ca_Kabuli_LG04	82.470
Ca_Kabuli_SNP1378	[C/G]	Ca_Kabuli_LG04	83.161
Ca_Kabuli_SNP1379	[C/T]	Ca_Kabuli_LG04	83.499
Ca_Kabuli_SNP1380	[G/T]	Ca_Kabuli_LG04	83.902
Ca_Kabuli_SNP1381	[T/G]	Ca_Kabuli_LG04	84.013
Ca_Kabuli_SNP1382	[G/A]	Ca_Kabuli_LG04	84.268
Ca_Kabuli_SNP1383	[C/G]	Ca_Kabuli_LG04	84.285
Ca_Kabuli_SNP1384	[C/T]	Ca_Kabuli_LG04	84.669
Ca_Kabuli_SNP1385	[G/A]	Ca_Kabuli_LG04	85.760
Ca_Kabuli_SNP1386	[C/G]	Ca_Kabuli_LG04	85.954
Ca_Kabuli_SNP1387	[A/G]	Ca_Kabuli_LG04	86.031
Ca_Kabuli_SNP1388	[T/G]	Ca_Kabuli_LG04	86.271
Ca_Kabuli_SNP1389	[T/C]	Ca_Kabuli_LG04	86.569
Ca_Kabuli_SNP1390	[A/T]	Ca_Kabuli_LG04	87.754
Ca_Kabuli_SNP1391	[A/T]	Ca_Kabuli_LG04	89.195
Ca_Kabuli_SNP1392	[A/T]	Ca_Kabuli_LG04	89.820
Ca_Kabuli_SNP1393	[A/C]	Ca_Kabuli_LG04	90.047

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1394	[T/C]	Ca_Kabuli_LG04	92.022
Ca_Kabuli_SNP1395	[G/A]	Ca_Kabuli_LG04	92.738
Ca_Kabuli_SNP1396	[A/G]	Ca_Kabuli_LG04	93.479
Ca_Kabuli_SNP1397	[A/C]	Ca_Kabuli_LG04	94.900
Ca_Kabuli_SNP1398	[T/C]	Ca_Kabuli_LG04	95.802
Ca_Kabuli_SNP1399	[T/G]	Ca_Kabuli_LG04	96.302
Ca_Kabuli_SNP1400	[T/A]	Ca_Kabuli_LG04	97.436
Ca_Kabuli_SNP1401	[T/C]	Ca_Kabuli_LG04	97.851
Ca_Kabuli_SNP1402	[T/C]	Ca_Kabuli_LG04	98.883
Ca_Kabuli_SNP1403	[A/G]	Ca_Kabuli_LG04	100.693
Ca_Kabuli_SNP1404	[G/A]	Ca_Kabuli_LG04	105.127
Ca_Kabuli_SNP1405	[C/T]	Ca_Kabuli_LG05	0.000
Ca_Kabuli_SNP1406	[A/T]	Ca_Kabuli_LG05	0.247
Ca_Kabuli_SNP1407	[A/C]	Ca_Kabuli_LG05	0.933
Ca_Kabuli_SNP1408	[A/C]	Ca_Kabuli_LG05	1.763
Ca_Kabuli_SNP1409	[A/C]	Ca_Kabuli_LG05	2.193
Ca_Kabuli_SNP1410	[C/A]	Ca_Kabuli_LG05	2.284
Ca_Kabuli_SNP1411	[A/C]	Ca_Kabuli_LG05	2.336
Ca_Kabuli_SNP1412	[G/A]	Ca_Kabuli_LG05	2.539
Ca_Kabuli_SNP1413	[A/G]	Ca_Kabuli_LG05	2.628
Ca_Kabuli_SNP1414	[C/T]	Ca_Kabuli_LG05	3.217
Ca_Kabuli_SNP1415	[C/T]	Ca_Kabuli_LG05	3.684
Ca_Kabuli_SNP1416	[C/T]	Ca_Kabuli_LG05	4.247
Ca_Kabuli_SNP1417	[A/T]	Ca_Kabuli_LG05	4.690
Ca_Kabuli_SNP1418	[T/C]	Ca_Kabuli_LG05	5.539
Ca_Kabuli_SNP1419	[C/T]	Ca_Kabuli_LG05	6.879
Ca_Kabuli_SNP1420	[G/T]	Ca_Kabuli_LG05	7.709
Ca_Kabuli_SNP1421	[T/A]	Ca_Kabuli_LG05	8.192
Ca_Kabuli_SNP1422	[T/G]	Ca_Kabuli_LG05	9.112
Ca_Kabuli_SNP1423	[A/T]	Ca_Kabuli_LG05	9.363
Ca_Kabuli_SNP1424	[G/T]	Ca_Kabuli_LG05	9.752

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1425	[T/A]	Ca_Kabuli_LG05	9.988
Ca_Kabuli_SNP1426	[C/G]	Ca_Kabuli_LG05	10.607
Ca_Kabuli_SNP1427	[C/T]	Ca_Kabuli_LG05	12.175
Ca_Kabuli_SNP1428	[T/G]	Ca_Kabuli_LG05	12.435
Ca_Kabuli_SNP1429	[C/T]	Ca_Kabuli_LG05	13.372
Ca_Kabuli_SNP1430	[A/C]	Ca_Kabuli_LG05	13.898
Ca_Kabuli_SNP1431	[A/T]	Ca_Kabuli_LG05	14.242
Ca_Kabuli_SNP1432	[C/T]	Ca_Kabuli_LG05	14.955
Ca_Kabuli_SNP1433	[A/C]	Ca_Kabuli_LG05	15.220
Ca_Kabuli_SNP1434	[T/A]	Ca_Kabuli_LG05	16.752
Ca_Kabuli_SNP1435	[G/A]	Ca_Kabuli_LG05	17.046
Ca_Kabuli_SNP1436	[T/C]	Ca_Kabuli_LG05	18.681
Ca_Kabuli_SNP1437	[T/G]	Ca_Kabuli_LG05	18.920
Ca_Kabuli_SNP1438	[G/C]	Ca_Kabuli_LG05	21.550
Ca_Kabuli_SNP1439	[A/G]	Ca_Kabuli_LG05	22.698
Ca_Kabuli_SNP1440	[G/T]	Ca_Kabuli_LG05	22.828
Ca_Kabuli_SNP1441	[A/T]	Ca_Kabuli_LG05	23.364
Ca_Kabuli_SNP1442	[C/T]	Ca_Kabuli_LG05	24.118
Ca_Kabuli_SNP1443	[T/G]	Ca_Kabuli_LG05	26.038
Ca_Kabuli_SNP1444	[C/G]	Ca_Kabuli_LG05	26.803
Ca_Kabuli_SNP1445	[C/T]	Ca_Kabuli_LG05	27.913
Ca_Kabuli_SNP1446	[T/A]	Ca_Kabuli_LG05	28.151
Ca_Kabuli_SNP1447	[A/C]	Ca_Kabuli_LG05	28.210
Ca_Kabuli_SNP1448	[G/A]	Ca_Kabuli_LG05	28.285
Ca_Kabuli_SNP1449	[C/T]	Ca_Kabuli_LG05	28.492
Ca_Kabuli_SNP1450	[T/C]	Ca_Kabuli_LG05	29.120
Ca_Kabuli_SNP1451	[G/A]	Ca_Kabuli_LG05	29.162
Ca_Kabuli_SNP1452	[A/G]	Ca_Kabuli_LG05	29.903
Ca_Kabuli_SNP1453	[T/C]	Ca_Kabuli_LG05	31.748
Ca_Kabuli_SNP1454	[G/A]	Ca_Kabuli_LG05	33.074
Ca_Kabuli_SNP1455	[T/C]	Ca_Kabuli_LG05	33.074

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1456	[T/G]	Ca_Kabuli_LG05	33.074
Ca_Kabuli_SNP1457	[C/A]	Ca_Kabuli_LG05	33.074
Ca_Kabuli_SNP1458	[T/A]	Ca_Kabuli_LG05	33.443
Ca_Kabuli_SNP1459	[C/G]	Ca_Kabuli_LG05	34.551
Ca_Kabuli_SNP1460	[G/A]	Ca_Kabuli_LG05	35.812
Ca_Kabuli_SNP1461	[T/C]	Ca_Kabuli_LG05	35.999
Ca_Kabuli_SNP1462	[A/T]	Ca_Kabuli_LG05	36.191
Ca_Kabuli_SNP1463	[C/A]	Ca_Kabuli_LG05	36.963
Ca_Kabuli_SNP1464	[G/T]	Ca_Kabuli_LG05	38.276
Ca_Kabuli_SNP1465	[A/C]	Ca_Kabuli_LG05	38.756
Ca_Kabuli_SNP1466	[T/C]	Ca_Kabuli_LG05	38.976
Ca_Kabuli_SNP1467	[G/A]	Ca_Kabuli_LG05	38.976
Ca_Kabuli_SNP1468	[A/C]	Ca_Kabuli_LG05	39.337
Ca_Kabuli_SNP1469	[T/C]	Ca_Kabuli_LG05	40.298
Ca_Kabuli_SNP1470	[G/A]	Ca_Kabuli_LG05	40.333
Ca_Kabuli_SNP1471	[C/A]	Ca_Kabuli_LG05	40.695
Ca_Kabuli_SNP1472	[G/A]	Ca_Kabuli_LG05	41.094
Ca_Kabuli_SNP1473	[T/C]	Ca_Kabuli_LG05	41.466
Ca_Kabuli_SNP1474	[T/C]	Ca_Kabuli_LG05	41.466
Ca_Kabuli_SNP1475	[T/C]	Ca_Kabuli_LG05	43.229
Ca_Kabuli_SNP1476	[C/T]	Ca_Kabuli_LG05	43.577
Ca_Kabuli_SNP1477	[G/A]	Ca_Kabuli_LG05	43.658
Ca_Kabuli_SNP1478	[G/A]	Ca_Kabuli_LG05	44.120
Ca_Kabuli_SNP1479	[G/C]	Ca_Kabuli_LG05	44.120
Ca_Kabuli_SNP1480	[C/T]	Ca_Kabuli_LG05	44.120
Ca_Kabuli_SNP1481	[T/C]	Ca_Kabuli_LG05	44.927
Ca_Kabuli_SNP1482	[G/A]	Ca_Kabuli_LG05	44.936
Ca_Kabuli_SNP1483	[G/A]	Ca_Kabuli_LG05	46.678
Ca_Kabuli_SNP1484	[C/T]	Ca_Kabuli_LG05	46.678
Ca_Kabuli_SNP1485	[G/A]	Ca_Kabuli_LG05	48.078
Ca_Kabuli_SNP1486	[G/A]	Ca_Kabuli_LG05	51.385

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1487	[A/T]	Ca_Kabuli_LG05	53.253
Ca_Kabuli_SNP1488	[G/T]	Ca_Kabuli_LG05	53.879
Ca_Kabuli_SNP1489	[A/T]	Ca_Kabuli_LG05	54.539
Ca_Kabuli_SNP1490	[A/T]	Ca_Kabuli_LG05	57.250
Ca_Kabuli_SNP1491	[C/T]	Ca_Kabuli_LG05	57.498
Ca_Kabuli_SNP1492	[G/T]	Ca_Kabuli_LG05	57.608
Ca_Kabuli_SNP1493	[A/T]	Ca_Kabuli_LG05	58.687
Ca_Kabuli_SNP1494	[T/G]	Ca_Kabuli_LG05	59.090
Ca_Kabuli_SNP1495	[T/A]	Ca_Kabuli_LG05	59.820
Ca_Kabuli_SNP1496	[G/T]	Ca_Kabuli_LG05	60.546
Ca_Kabuli_SNP1497	[T/G]	Ca_Kabuli_LG05	61.247
Ca_Kabuli_SNP1498	[T/G]	Ca_Kabuli_LG05	62.194
Ca_Kabuli_SNP1499	[A/C]	Ca_Kabuli_LG05	62.442
Ca_Kabuli_SNP1500	[A/C]	Ca_Kabuli_LG05	62.735
Ca_Kabuli_SNP1501	[G/T]	Ca_Kabuli_LG05	63.940
Ca_Kabuli_SNP1502	[T/C]	Ca_Kabuli_LG05	64.125
Ca_Kabuli_SNP1503	[C/T]	Ca_Kabuli_LG05	64.305
Ca_Kabuli_SNP1504	[T/C]	Ca_Kabuli_LG05	65.463
Ca_Kabuli_SNP1505	[G/A]	Ca_Kabuli_LG05	72.368
Ca_Kabuli_SNP1506	[G/A]	Ca_Kabuli_LG05	73.398
Ca_Kabuli_SNP1507	[T/C]	Ca_Kabuli_LG05	76.216
Ca_Kabuli_SNP1508	[T/C]	Ca_Kabuli_LG05	81.444
Ca_Kabuli_SNP1509	[G/T]	Ca_Kabuli_LG06	0.000
Ca_Kabuli_SNP1510	[T/G]	Ca_Kabuli_LG06	5.230
Ca_Kabuli_SNP1511	[T/A]	Ca_Kabuli_LG06	7.464
Ca_Kabuli_SNP1512	[T/G]	Ca_Kabuli_LG06	7.510
Ca_Kabuli_SNP1513	[G/A]	Ca_Kabuli_LG06	7.688
Ca_Kabuli_SNP1514	[G/A]	Ca_Kabuli_LG06	7.936
Ca_Kabuli_SNP1515	[T/C]	Ca_Kabuli_LG06	8.715
Ca_Kabuli_SNP1516	[T/G]	Ca_Kabuli_LG06	8.812
Ca_Kabuli_SNP1517	[T/G]	Ca_Kabuli_LG06	9.972

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1518	[C/T]	Ca_Kabuli_LG06	10.021
Ca_Kabuli_SNP1519	[G/C]	Ca_Kabuli_LG06	11.016
Ca_Kabuli_SNP1520	[G/T]	Ca_Kabuli_LG06	11.142
Ca_Kabuli_SNP1521	[A/G]	Ca_Kabuli_LG06	11.966
Ca_Kabuli_SNP1522	[T/G]	Ca_Kabuli_LG06	11.989
Ca_Kabuli_SNP1523	[A/T]	Ca_Kabuli_LG06	12.079
Ca_Kabuli_SNP1524	[A/C]	Ca_Kabuli_LG06	12.812
Ca_Kabuli_SNP1525	[A/C]	Ca_Kabuli_LG06	13.828
Ca_Kabuli_SNP1526	[G/A]	Ca_Kabuli_LG06	14.198
Ca_Kabuli_SNP1527	[T/G]	Ca_Kabuli_LG06	14.243
Ca_Kabuli_SNP1528	[C/A]	Ca_Kabuli_LG06	15.820
Ca_Kabuli_SNP1529	[T/G]	Ca_Kabuli_LG06	16.237
Ca_Kabuli_SNP1530	[T/G]	Ca_Kabuli_LG06	16.700
Ca_Kabuli_SNP1531	[T/G]	Ca_Kabuli_LG06	16.911
Ca_Kabuli_SNP1532	[A/G]	Ca_Kabuli_LG06	17.179
Ca_Kabuli_SNP1533	[T/C]	Ca_Kabuli_LG06	17.725
Ca_Kabuli_SNP1534	[A/C]	Ca_Kabuli_LG06	18.028
Ca_Kabuli_SNP1535	[C/A]	Ca_Kabuli_LG06	18.108
Ca_Kabuli_SNP1536	[A/G]	Ca_Kabuli_LG06	18.875
Ca_Kabuli_SNP1537	[A/C]	Ca_Kabuli_LG06	19.004
Ca_Kabuli_SNP1538	[C/A]	Ca_Kabuli_LG06	19.554
Ca_Kabuli_SNP1539	[T/G]	Ca_Kabuli_LG06	20.796
Ca_Kabuli_SNP1540	[A/C]	Ca_Kabuli_LG06	21.051
Ca_Kabuli_SNP1541	[A/T]	Ca_Kabuli_LG06	21.182
Ca_Kabuli_SNP1542	[A/C]	Ca_Kabuli_LG06	21.574
Ca_Kabuli_SNP1543	[T/G]	Ca_Kabuli_LG06	22.719
Ca_Kabuli_SNP1544	[C/A]	Ca_Kabuli_LG06	23.461
Ca_Kabuli_SNP1545	[T/G]	Ca_Kabuli_LG06	23.479
Ca_Kabuli_SNP1546	[T/G]	Ca_Kabuli_LG06	23.568
Ca_Kabuli_SNP1547	[T/C]	Ca_Kabuli_LG06	23.767
Ca_Kabuli_SNP1548	[T/G]	Ca_Kabuli_LG06	23.939



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1549	[C/T]	Ca_Kabuli_LG06	24.745
Ca_Kabuli_SNP1550	[T/G]	Ca_Kabuli_LG06	25.262
Ca_Kabuli_SNP1551	[G/C]	Ca_Kabuli_LG06	25.426
Ca_Kabuli_SNP1552	[T/G]	Ca_Kabuli_LG06	25.750
Ca_Kabuli_SNP1553	[A/T]	Ca_Kabuli_LG06	26.286
Ca_Kabuli_SNP1554	[C/T]	Ca_Kabuli_LG06	27.554
Ca_Kabuli_SNP1555	[C/T]	Ca_Kabuli_LG06	28.095
Ca_Kabuli_SNP1556	[G/T]	Ca_Kabuli_LG06	28.820
Ca_Kabuli_SNP1557	[A/C]	Ca_Kabuli_LG06	28.847
Ca_Kabuli_SNP1558	[G/A]	Ca_Kabuli_LG06	29.019
Ca_Kabuli_SNP1559	[A/G]	Ca_Kabuli_LG06	30.831
Ca_Kabuli_SNP1560	[G/T]	Ca_Kabuli_LG06	31.541
Ca_Kabuli_SNP1561	[A/G]	Ca_Kabuli_LG06	31.732
Ca_Kabuli_SNP1562	[G/C]	Ca_Kabuli_LG06	31.737
Ca_Kabuli_SNP1563	[C/T]	Ca_Kabuli_LG06	32.119
Ca_Kabuli_SNP1564	[A/G]	Ca_Kabuli_LG06	32.367
Ca_Kabuli_SNP1565	[A/C]	Ca_Kabuli_LG06	32.574
Ca_Kabuli_SNP1566	[A/T]	Ca_Kabuli_LG06	35.009
Ca_Kabuli_SNP1567	[A/C]	Ca_Kabuli_LG06	35.025
Ca_Kabuli_SNP1568	[T/G]	Ca_Kabuli_LG06	35.465
Ca_Kabuli_SNP1569	[A/T]	Ca_Kabuli_LG06	35.605
Ca_Kabuli_SNP1570	[A/G]	Ca_Kabuli_LG06	35.675
Ca_Kabuli_SNP1571	[C/G]	Ca_Kabuli_LG06	35.704
Ca_Kabuli_SNP1572	[G/C]	Ca_Kabuli_LG06	35.806
Ca_Kabuli_SNP1573	[A/G]	Ca_Kabuli_LG06	35.965
Ca_Kabuli_SNP1574	[C/A]	Ca_Kabuli_LG06	36.394
Ca_Kabuli_SNP1575	[C/A]	Ca_Kabuli_LG06	36.631
Ca_Kabuli_SNP1576	[A/C]	Ca_Kabuli_LG06	36.749
Ca_Kabuli_SNP1577	[T/C]	Ca_Kabuli_LG06	36.864
Ca_Kabuli_SNP1578	[A/C]	Ca_Kabuli_LG06	37.383
Ca_Kabuli_SNP1579	[A/T]	Ca_Kabuli_LG06	37.604

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1580	[C/A]	Ca_Kabuli_LG06	37.621
Ca_Kabuli_SNP1581	[A/C]	Ca_Kabuli_LG06	38.680
Ca_Kabuli_SNP1582	[T/C]	Ca_Kabuli_LG06	38.760
Ca_Kabuli_SNP1583	[A/G]	Ca_Kabuli_LG06	38.816
Ca_Kabuli_SNP1584	[A/C]	Ca_Kabuli_LG06	39.176
Ca_Kabuli_SNP1585	[T/G]	Ca_Kabuli_LG06	39.206
Ca_Kabuli_SNP1586	[A/C]	Ca_Kabuli_LG06	39.425
Ca_Kabuli_SNP1587	[T/G]	Ca_Kabuli_LG06	39.492
Ca_Kabuli_SNP1588	[T/C]	Ca_Kabuli_LG06	39.772
Ca_Kabuli_SNP1589	[C/A]	Ca_Kabuli_LG06	39.955
Ca_Kabuli_SNP1590	[C/A]	Ca_Kabuli_LG06	40.254
Ca_Kabuli_SNP1591	[C/T]	Ca_Kabuli_LG06	40.283
Ca_Kabuli_SNP1592	[C/A]	Ca_Kabuli_LG06	40.902
Ca_Kabuli_SNP1593	[A/C]	Ca_Kabuli_LG06	40.955
Ca_Kabuli_SNP1594	[T/G]	Ca_Kabuli_LG06	41.431
Ca_Kabuli_SNP1595	[T/C]	Ca_Kabuli_LG06	41.455
Ca_Kabuli_SNP1596	[A/C]	Ca_Kabuli_LG06	41.555
Ca_Kabuli_SNP1597	[A/G]	Ca_Kabuli_LG06	41.563
Ca_Kabuli_SNP1598	[A/C]	Ca_Kabuli_LG06	41.567
Ca_Kabuli_SNP1599	[A/T]	Ca_Kabuli_LG06	41.641
Ca_Kabuli_SNP1600	[A/G]	Ca_Kabuli_LG06	41.697
Ca_Kabuli_SNP1601	[G/T]	Ca_Kabuli_LG06	41.801
Ca_Kabuli_SNP1602	[T/G]	Ca_Kabuli_LG06	42.038
Ca_Kabuli_SNP1603	[A/C]	Ca_Kabuli_LG06	42.099
Ca_Kabuli_SNP1604	[C/T]	Ca_Kabuli_LG06	42.250
Ca_Kabuli_SNP1605	[G/A]	Ca_Kabuli_LG06	42.954
Ca_Kabuli_SNP1606	[G/A]	Ca_Kabuli_LG06	43.130
Ca_Kabuli_SNP1607	[C/T]	Ca_Kabuli_LG06	44.751
Ca_Kabuli_SNP1608	[A/G]	Ca_Kabuli_LG06	45.441
Ca_Kabuli_SNP1609	[T/G]	Ca_Kabuli_LG06	45.499
Ca_Kabuli_SNP1610	[G/A]	Ca_Kabuli_LG06	45.840

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1611	[C/T]	Ca_Kabuli_LG06	46.694
Ca_Kabuli_SNP1612	[T/G]	Ca_Kabuli_LG06	47.454
Ca_Kabuli_SNP1613	[T/C]	Ca_Kabuli_LG06	47.561
Ca_Kabuli_SNP1614	[A/T]	Ca_Kabuli_LG06	47.561
Ca_Kabuli_SNP1615	[C/A]	Ca_Kabuli_LG06	47.772
Ca_Kabuli_SNP1616	[T/C]	Ca_Kabuli_LG06	48.510
Ca_Kabuli_SNP1617	[A/C]	Ca_Kabuli_LG06	48.751
Ca_Kabuli_SNP1618	[A/G]	Ca_Kabuli_LG06	48.928
Ca_Kabuli_SNP1619	[A/T]	Ca_Kabuli_LG06	50.097
Ca_Kabuli_SNP1620	[T/G]	Ca_Kabuli_LG06	50.760
Ca_Kabuli_SNP1621	[A/C]	Ca_Kabuli_LG06	51.098
Ca_Kabuli_SNP1622	[C/A]	Ca_Kabuli_LG06	51.206
Ca_Kabuli_SNP1623	[C/A]	Ca_Kabuli_LG06	51.629
Ca_Kabuli_SNP1624	[G/T]	Ca_Kabuli_LG06	51.793
Ca_Kabuli_SNP1625	[G/A]	Ca_Kabuli_LG06	51.870
Ca_Kabuli_SNP1626	[T/A]	Ca_Kabuli_LG06	52.135
Ca_Kabuli_SNP1627	[A/T]	Ca_Kabuli_LG06	52.139
Ca_Kabuli_SNP1628	[C/A]	Ca_Kabuli_LG06	53.003
Ca_Kabuli_SNP1629	[A/G]	Ca_Kabuli_LG06	53.159
Ca_Kabuli_SNP1630	[C/T]	Ca_Kabuli_LG06	53.514
Ca_Kabuli_SNP1631	[G/A]	Ca_Kabuli_LG06	53.520
Ca_Kabuli_SNP1632	[C/T]	Ca_Kabuli_LG06	53.534
Ca_Kabuli_SNP1633	[C/G]	Ca_Kabuli_LG06	53.553
Ca_Kabuli_SNP1634	[T/G]	Ca_Kabuli_LG06	53.612
Ca_Kabuli_SNP1635	[T/A]	Ca_Kabuli_LG06	53.749
Ca_Kabuli_SNP1636	[T/G]	Ca_Kabuli_LG06	54.067
Ca_Kabuli_SNP1637	[C/T]	Ca_Kabuli_LG06	54.274
Ca_Kabuli_SNP1638	[A/C]	Ca_Kabuli_LG06	54.917
Ca_Kabuli_SNP1639	[T/A]	Ca_Kabuli_LG06	54.925
Ca_Kabuli_SNP1640	[A/T]	Ca_Kabuli_LG06	55.039
Ca_Kabuli_SNP1641	[A/C]	Ca_Kabuli_LG06	55.104

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1642	[C/G]	Ca_Kabuli_LG06	55.878
Ca_Kabuli_SNP1643	[G/A]	Ca_Kabuli_LG06	55.965
Ca_Kabuli_SNP1644	[G/A]	Ca_Kabuli_LG06	55.986
Ca_Kabuli_SNP1645	[G/T]	Ca_Kabuli_LG06	56.219
Ca_Kabuli_SNP1646	[T/A]	Ca_Kabuli_LG06	56.429
Ca_Kabuli_SNP1647	[A/G]	Ca_Kabuli_LG06	56.896
Ca_Kabuli_SNP1648	[A/G]	Ca_Kabuli_LG06	56.985
Ca_Kabuli_SNP1649	[G/T]	Ca_Kabuli_LG06	57.375
Ca_Kabuli_SNP1650	[C/A]	Ca_Kabuli_LG06	57.691
Ca_Kabuli_SNP1651	[C/T]	Ca_Kabuli_LG06	57.746
Ca_Kabuli_SNP1652	[G/A]	Ca_Kabuli_LG06	57.831
Ca_Kabuli_SNP1653	[A/G]	Ca_Kabuli_LG06	57.958
Ca_Kabuli_SNP1654	[G/T]	Ca_Kabuli_LG06	58.105
Ca_Kabuli_SNP1655	[C/T]	Ca_Kabuli_LG06	58.247
Ca_Kabuli_SNP1656	[G/A]	Ca_Kabuli_LG06	58.264
Ca_Kabuli_SNP1657	[G/A]	Ca_Kabuli_LG06	58.317
Ca_Kabuli_SNP1658	[T/C]	Ca_Kabuli_LG06	58.681
Ca_Kabuli_SNP1659	[C/T]	Ca_Kabuli_LG06	58.972
Ca_Kabuli_SNP1660	[T/G]	Ca_Kabuli_LG06	59.247
Ca_Kabuli_SNP1661	[A/G]	Ca_Kabuli_LG06	59.366
Ca_Kabuli_SNP1662	[T/G]	Ca_Kabuli_LG06	59.407
Ca_Kabuli_SNP1663	[G/T]	Ca_Kabuli_LG06	59.520
Ca_Kabuli_SNP1664	[G/A]	Ca_Kabuli_LG06	59.747
Ca_Kabuli_SNP1665	[C/T]	Ca_Kabuli_LG06	59.963
Ca_Kabuli_SNP1666	[T/G]	Ca_Kabuli_LG06	60.197
Ca_Kabuli_SNP1667	[C/T]	Ca_Kabuli_LG06	60.205
Ca_Kabuli_SNP1668	[G/A]	Ca_Kabuli_LG06	60.471
Ca_Kabuli_SNP1669	[T/C]	Ca_Kabuli_LG06	60.930
Ca_Kabuli_SNP1670	[T/A]	Ca_Kabuli_LG06	60.931
Ca_Kabuli_SNP1671	[A/C]	Ca_Kabuli_LG06	60.971
Ca_Kabuli_SNP1672	[T/G]	Ca_Kabuli_LG06	60.977

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1673	[T/G]	Ca_Kabuli_LG06	61.134
Ca_Kabuli_SNP1674	[A/G]	Ca_Kabuli_LG06	61.467
Ca_Kabuli_SNP1675	[T/G]	Ca_Kabuli_LG06	61.923
Ca_Kabuli_SNP1676	[G/A]	Ca_Kabuli_LG06	62.153
Ca_Kabuli_SNP1677	[T/G]	Ca_Kabuli_LG06	62.167
Ca_Kabuli_SNP1678	[C/A]	Ca_Kabuli_LG06	62.265
Ca_Kabuli_SNP1679	[G/A]	Ca_Kabuli_LG06	62.444
Ca_Kabuli_SNP1680	[A/G]	Ca_Kabuli_LG06	62.957
Ca_Kabuli_SNP1681	[A/G]	Ca_Kabuli_LG06	63.083
Ca_Kabuli_SNP1682	[A/C]	Ca_Kabuli_LG06	63.208
Ca_Kabuli_SNP1683	[A/T]	Ca_Kabuli_LG06	63.222
Ca_Kabuli_SNP1684	[C/G]	Ca_Kabuli_LG06	63.401
Ca_Kabuli_SNP1685	[C/T]	Ca_Kabuli_LG06	64.348
Ca_Kabuli_SNP1686	[C/G]	Ca_Kabuli_LG06	64.735
Ca_Kabuli_SNP1687	[G/T]	Ca_Kabuli_LG06	65.454
Ca_Kabuli_SNP1688	[T/C]	Ca_Kabuli_LG06	65.468
Ca_Kabuli_SNP1689	[A/G]	Ca_Kabuli_LG06	65.468
Ca_Kabuli_SNP1690	[T/C]	Ca_Kabuli_LG06	65.602
Ca_Kabuli_SNP1691	[A/T]	Ca_Kabuli_LG06	65.623
Ca_Kabuli_SNP1692	[C/T]	Ca_Kabuli_LG06	65.746
Ca_Kabuli_SNP1693	[A/G]	Ca_Kabuli_LG06	66.004
Ca_Kabuli_SNP1694	[A/G]	Ca_Kabuli_LG06	66.325
Ca_Kabuli_SNP1695	[G/A]	Ca_Kabuli_LG06	66.362
Ca_Kabuli_SNP1696	[A/G]	Ca_Kabuli_LG06	67.031
Ca_Kabuli_SNP1697	[G/A]	Ca_Kabuli_LG06	67.035
Ca_Kabuli_SNP1698	[A/G]	Ca_Kabuli_LG06	67.090
Ca_Kabuli_SNP1699	[C/A]	Ca_Kabuli_LG06	67.767
Ca_Kabuli_SNP1700	[A/C]	Ca_Kabuli_LG06	67.866
Ca_Kabuli_SNP1701	[A/C]	Ca_Kabuli_LG06	69.450
Ca_Kabuli_SNP1702	[T/G]	Ca_Kabuli_LG06	69.566
Ca_Kabuli_SNP1703	[A/C]	Ca_Kabuli_LG06	69.899

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1704	[T/G]	Ca_Kabuli_LG06	70.305
Ca_Kabuli_SNP1705	[A/C]	Ca_Kabuli_LG06	70.463
Ca_Kabuli_SNP1706	[A/G]	Ca_Kabuli_LG06	70.571
Ca_Kabuli_SNP1707	[A/G]	Ca_Kabuli_LG06	70.747
Ca_Kabuli_SNP1708	[T/G]	Ca_Kabuli_LG06	70.810
Ca_Kabuli_SNP1709	[T/G]	Ca_Kabuli_LG06	71.072
Ca_Kabuli_SNP1710	[C/G]	Ca_Kabuli_LG06	72.278
Ca_Kabuli_SNP1711	[C/T]	Ca_Kabuli_LG06	72.452
Ca_Kabuli_SNP1712	[T/G]	Ca_Kabuli_LG06	72.496
Ca_Kabuli_SNP1713	[A/T]	Ca_Kabuli_LG06	72.618
Ca_Kabuli_SNP1714	[T/A]	Ca_Kabuli_LG06	73.346
Ca_Kabuli_SNP1715	[A/T]	Ca_Kabuli_LG06	73.427
Ca_Kabuli_SNP1716	[T/A]	Ca_Kabuli_LG06	73.559
Ca_Kabuli_SNP1717	[A/T]	Ca_Kabuli_LG06	73.673
Ca_Kabuli_SNP1718	[T/G]	Ca_Kabuli_LG06	73.830
Ca_Kabuli_SNP1719	[A/C]	Ca_Kabuli_LG06	74.253
Ca_Kabuli_SNP1720	[G/C]	Ca_Kabuli_LG06	74.516
Ca_Kabuli_SNP1721	[A/G]	Ca_Kabuli_LG06	74.683
Ca_Kabuli_SNP1722	[G/A]	Ca_Kabuli_LG06	74.774
Ca_Kabuli_SNP1723	[A/T]	Ca_Kabuli_LG06	75.059
Ca_Kabuli_SNP1724	[C/G]	Ca_Kabuli_LG06	75.098
Ca_Kabuli_SNP1725	[T/C]	Ca_Kabuli_LG06	75.359
Ca_Kabuli_SNP1726	[A/T]	Ca_Kabuli_LG06	75.723
Ca_Kabuli_SNP1727	[G/C]	Ca_Kabuli_LG06	78.198
Ca_Kabuli_SNP1728	[T/G]	Ca_Kabuli_LG06	78.283
Ca_Kabuli_SNP1729	[A/T]	Ca_Kabuli_LG06	78.548
Ca_Kabuli_SNP1730	[C/G]	Ca_Kabuli_LG06	79.297
Ca_Kabuli_SNP1731	[C/A]	Ca_Kabuli_LG06	79.606
Ca_Kabuli_SNP1732	[A/G]	Ca_Kabuli_LG06	79.632
Ca_Kabuli_SNP1733	[G/A]	Ca_Kabuli_LG06	79.709
Ca_Kabuli_SNP1734	[C/T]	Ca_Kabuli_LG06	79.806

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1735	[T/G]	Ca_Kabuli_LG06	80.349
Ca_Kabuli_SNP1736	[G/T]	Ca_Kabuli_LG06	80.486
Ca_Kabuli_SNP1737	[T/A]	Ca_Kabuli_LG06	80.621
Ca_Kabuli_SNP1738	[T/G]	Ca_Kabuli_LG06	81.220
Ca_Kabuli_SNP1739	[T/C]	Ca_Kabuli_LG06	82.576
Ca_Kabuli_SNP1740	[G/A]	Ca_Kabuli_LG06	82.576
Ca_Kabuli_SNP1741	[A/G]	Ca_Kabuli_LG06	83.251
Ca_Kabuli_SNP1742	[A/C]	Ca_Kabuli_LG06	83.383
Ca_Kabuli_SNP1743	[A/T]	Ca_Kabuli_LG06	83.631
Ca_Kabuli_SNP1744	[G/A]	Ca_Kabuli_LG06	83.932
Ca_Kabuli_SNP1745	[A/G]	Ca_Kabuli_LG06	83.932
Ca_Kabuli_SNP1746	[A/T]	Ca_Kabuli_LG06	84.055
Ca_Kabuli_SNP1747	[T/C]	Ca_Kabuli_LG06	84.393
Ca_Kabuli_SNP1748	[C/A]	Ca_Kabuli_LG06	84.439
Ca_Kabuli_SNP1749	[G/A]	Ca_Kabuli_LG06	84.603
Ca_Kabuli_SNP1750	[T/G]	Ca_Kabuli_LG06	84.738
Ca_Kabuli_SNP1751	[C/T]	Ca_Kabuli_LG06	85.480
Ca_Kabuli_SNP1752	[A/C]	Ca_Kabuli_LG06	85.480
Ca_Kabuli_SNP1753	[T/G]	Ca_Kabuli_LG06	85.480
Ca_Kabuli_SNP1754	[T/C]	Ca_Kabuli_LG06	85.480
Ca_Kabuli_SNP1755	[C/T]	Ca_Kabuli_LG06	85.480
Ca_Kabuli_SNP1756	[T/C]	Ca_Kabuli_LG06	86.280
Ca_Kabuli_SNP1757	[T/A]	Ca_Kabuli_LG06	87.704
Ca_Kabuli_SNP1758	[G/A]	Ca_Kabuli_LG06	87.704
Ca_Kabuli_SNP1759	[G/C]	Ca_Kabuli_LG06	88.294
Ca_Kabuli_SNP1760	[T/C]	Ca_Kabuli_LG06	88.416
Ca_Kabuli_SNP1761	[C/T]	Ca_Kabuli_LG06	88.426
Ca_Kabuli_SNP1762	[C/T]	Ca_Kabuli_LG06	88.595
Ca_Kabuli_SNP1763	[G/A]	Ca_Kabuli_LG06	88.971
Ca_Kabuli_SNP1764	[G/A]	Ca_Kabuli_LG06	89.712
Ca_Kabuli_SNP1765	[T/A]	Ca_Kabuli_LG06	90.046

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1766	[G/T]	Ca_Kabuli_LG06	90.046
Ca_Kabuli_SNP1767	[T/G]	Ca_Kabuli_LG06	90.130
Ca_Kabuli_SNP1768	[T/C]	Ca_Kabuli_LG06	90.130
Ca_Kabuli_SNP1769	[A/G]	Ca_Kabuli_LG06	90.553
Ca_Kabuli_SNP1770	[G/C]	Ca_Kabuli_LG06	90.624
Ca_Kabuli_SNP1771	[A/C]	Ca_Kabuli_LG06	90.624
Ca_Kabuli_SNP1772	[A/G]	Ca_Kabuli_LG06	91.432
Ca_Kabuli_SNP1773	[G/C]	Ca_Kabuli_LG06	91.504
Ca_Kabuli_SNP1774	[C/T]	Ca_Kabuli_LG06	91.534
Ca_Kabuli_SNP1775	[A/G]	Ca_Kabuli_LG06	91.719
Ca_Kabuli_SNP1776	[G/A]	Ca_Kabuli_LG06	92.305
Ca_Kabuli_SNP1777	[C/T]	Ca_Kabuli_LG06	92.542
Ca_Kabuli_SNP1778	[T/C]	Ca_Kabuli_LG06	92.632
Ca_Kabuli_SNP1779	[T/A]	Ca_Kabuli_LG06	92.663
Ca_Kabuli_SNP1780	[G/T]	Ca_Kabuli_LG06	93.389
Ca_Kabuli_SNP1781	[A/G]	Ca_Kabuli_LG06	93.389
Ca_Kabuli_SNP1782	[A/C]	Ca_Kabuli_LG06	93.389
Ca_Kabuli_SNP1783	[G/A]	Ca_Kabuli_LG06	93.543
Ca_Kabuli_SNP1784	[G/C]	Ca_Kabuli_LG06	93.720
Ca_Kabuli_SNP1785	[G/A]	Ca_Kabuli_LG06	94.163
Ca_Kabuli_SNP1786	[G/A]	Ca_Kabuli_LG06	94.649
Ca_Kabuli_SNP1787	[C/A]	Ca_Kabuli_LG06	95.510
Ca_Kabuli_SNP1788	[A/C]	Ca_Kabuli_LG06	96.485
Ca_Kabuli_SNP1789	[G/T]	Ca_Kabuli_LG06	100.346
Ca_Kabuli_SNP1790	[T/G]	Ca_Kabuli_LG06	102.225
Ca_Kabuli_SNP1791	[C/T]	Ca_Kabuli_LG06	102.477
Ca_Kabuli_SNP1792	[T/G]	Ca_Kabuli_LG06	106.982
Ca_Kabuli_SNP1793	[T/G]	Ca_Kabuli_LG06	110.009
Ca_Kabuli_SNP1794	[C/A]	Ca_Kabuli_LG07	0.000
Ca_Kabuli_SNP1795	[G/A]	Ca_Kabuli_LG07	9.198
Ca_Kabuli_SNP1796	[A/G]	Ca_Kabuli_LG07	11.628



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1797	[G/A]	Ca_Kabuli_LG07	13.502
Ca_Kabuli_SNP1798	[A/G]	Ca_Kabuli_LG07	14.899
Ca_Kabuli_SNP1799	[T/C]	Ca_Kabuli_LG07	15.501
Ca_Kabuli_SNP1800	[A/T]	Ca_Kabuli_LG07	15.763
Ca_Kabuli_SNP1801	[T/C]	Ca_Kabuli_LG07	15.985
Ca_Kabuli_SNP1802	[T/C]	Ca_Kabuli_LG07	17.323
Ca_Kabuli_SNP1803	[C/A]	Ca_Kabuli_LG07	17.473
Ca_Kabuli_SNP1804	[G/A]	Ca_Kabuli_LG07	17.473
Ca_Kabuli_SNP1805	[C/T]	Ca_Kabuli_LG07	17.978
Ca_Kabuli_SNP1806	[G/A]	Ca_Kabuli_LG07	18.224
Ca_Kabuli_SNP1807	[T/G]	Ca_Kabuli_LG07	18.808
Ca_Kabuli_SNP1808	[T/G]	Ca_Kabuli_LG07	20.390
Ca_Kabuli_SNP1809	[A/G]	Ca_Kabuli_LG07	20.492
Ca_Kabuli_SNP1810	[G/A]	Ca_Kabuli_LG07	20.981
Ca_Kabuli_SNP1811	[T/G]	Ca_Kabuli_LG07	20.981
Ca_Kabuli_SNP1812	[T/C]	Ca_Kabuli_LG07	21.263
Ca_Kabuli_SNP1813	[G/A]	Ca_Kabuli_LG07	21.263
Ca_Kabuli_SNP1814	[A/G]	Ca_Kabuli_LG07	21.697
Ca_Kabuli_SNP1815	[A/T]	Ca_Kabuli_LG07	21.815
Ca_Kabuli_SNP1816	[C/T]	Ca_Kabuli_LG07	22.202
Ca_Kabuli_SNP1817	[T/G]	Ca_Kabuli_LG07	22.327
Ca_Kabuli_SNP1818	[A/G]	Ca_Kabuli_LG07	23.042
Ca_Kabuli_SNP1819	[C/A]	Ca_Kabuli_LG07	23.630
Ca_Kabuli_SNP1820	[T/G]	Ca_Kabuli_LG07	23.761
Ca_Kabuli_SNP1821	[T/A]	Ca_Kabuli_LG07	24.209
Ca_Kabuli_SNP1822	[G/C]	Ca_Kabuli_LG07	24.559
Ca_Kabuli_SNP1823	[G/A]	Ca_Kabuli_LG07	27.055
Ca_Kabuli_SNP1824	[T/G]	Ca_Kabuli_LG07	27.609
Ca_Kabuli_SNP1825	[A/G]	Ca_Kabuli_LG07	28.096
Ca_Kabuli_SNP1826	[T/A]	Ca_Kabuli_LG07	29.494
Ca_Kabuli_SNP1827	[A/C]	Ca_Kabuli_LG07	29.928

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1828	[A/C]	Ca_Kabuli_LG07	30.774
Ca_Kabuli_SNP1829	[G/T]	Ca_Kabuli_LG07	30.893
Ca_Kabuli_SNP1830	[C/T]	Ca_Kabuli_LG07	31.126
Ca_Kabuli_SNP1831	[A/T]	Ca_Kabuli_LG07	31.404
Ca_Kabuli_SNP1832	[T/G]	Ca_Kabuli_LG07	32.689
Ca_Kabuli_SNP1833	[G/T]	Ca_Kabuli_LG07	32.827
Ca_Kabuli_SNP1834	[C/A]	Ca_Kabuli_LG07	33.417
Ca_Kabuli_SNP1835	[A/C]	Ca_Kabuli_LG07	33.726
Ca_Kabuli_SNP1836	[G/A]	Ca_Kabuli_LG07	33.861
Ca_Kabuli_SNP1837	[T/G]	Ca_Kabuli_LG07	34.031
Ca_Kabuli_SNP1838	[C/T]	Ca_Kabuli_LG07	34.079
Ca_Kabuli_SNP1839	[C/T]	Ca_Kabuli_LG07	34.411
Ca_Kabuli_SNP1840	[G/A]	Ca_Kabuli_LG07	34.798
Ca_Kabuli_SNP1841	[T/G]	Ca_Kabuli_LG07	34.919
Ca_Kabuli_SNP1842	[C/A]	Ca_Kabuli_LG07	35.906
Ca_Kabuli_SNP1843	[T/G]	Ca_Kabuli_LG07	35.930
Ca_Kabuli_SNP1844	[C/T]	Ca_Kabuli_LG07	36.821
Ca_Kabuli_SNP1845	[C/A]	Ca_Kabuli_LG07	37.269
Ca_Kabuli_SNP1846	[A/T]	Ca_Kabuli_LG07	37.317
Ca_Kabuli_SNP1847	[G/A]	Ca_Kabuli_LG07	37.385
Ca_Kabuli_SNP1848	[A/T]	Ca_Kabuli_LG07	37.386
Ca_Kabuli_SNP1849	[C/G]	Ca_Kabuli_LG07	37.821
Ca_Kabuli_SNP1850	[A/C]	Ca_Kabuli_LG07	38.137
Ca_Kabuli_SNP1851	[G/T]	Ca_Kabuli_LG07	38.444
Ca_Kabuli_SNP1852	[G/A]	Ca_Kabuli_LG07	38.739
Ca_Kabuli_SNP1853	[T/C]	Ca_Kabuli_LG07	38.809
Ca_Kabuli_SNP1854	[C/T]	Ca_Kabuli_LG07	39.171
Ca_Kabuli_SNP1855	[C/T]	Ca_Kabuli_LG07	40.137
Ca_Kabuli_SNP1856	[T/A]	Ca_Kabuli_LG07	40.293
Ca_Kabuli_SNP1857	[A/T]	Ca_Kabuli_LG07	40.332
Ca_Kabuli_SNP1858	[A/C]	Ca_Kabuli_LG07	40.409

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1859	[T/C]	Ca_Kabuli_LG07	41.095
Ca_Kabuli_SNP1860	[T/G]	Ca_Kabuli_LG07	41.254
Ca_Kabuli_SNP1861	[A/T]	Ca_Kabuli_LG07	41.461
Ca_Kabuli_SNP1862	[G/T]	Ca_Kabuli_LG07	41.498
Ca_Kabuli_SNP1863	[A/C]	Ca_Kabuli_LG07	41.827
Ca_Kabuli_SNP1864	[A/C]	Ca_Kabuli_LG07	42.330
Ca_Kabuli_SNP1865	[T/C]	Ca_Kabuli_LG07	43.206
Ca_Kabuli_SNP1866	[A/T]	Ca_Kabuli_LG07	43.452
Ca_Kabuli_SNP1867	[A/T]	Ca_Kabuli_LG07	44.171
Ca_Kabuli_SNP1868	[A/G]	Ca_Kabuli_LG07	44.490
Ca_Kabuli_SNP1869	[A/T]	Ca_Kabuli_LG07	44.631
Ca_Kabuli_SNP1870	[C/T]	Ca_Kabuli_LG07	44.653
Ca_Kabuli_SNP1871	[T/C]	Ca_Kabuli_LG07	44.782
Ca_Kabuli_SNP1872	[C/T]	Ca_Kabuli_LG07	45.404
Ca_Kabuli_SNP1873	[A/T]	Ca_Kabuli_LG07	45.604
Ca_Kabuli_SNP1874	[T/C]	Ca_Kabuli_LG07	45.735
Ca_Kabuli_SNP1875	[A/C]	Ca_Kabuli_LG07	45.905
Ca_Kabuli_SNP1876	[C/T]	Ca_Kabuli_LG07	46.353
Ca_Kabuli_SNP1877	[G/A]	Ca_Kabuli_LG07	46.386
Ca_Kabuli_SNP1878	[C/A]	Ca_Kabuli_LG07	46.479
Ca_Kabuli_SNP1879	[A/G]	Ca_Kabuli_LG07	46.843
Ca_Kabuli_SNP1880	[G/C]	Ca_Kabuli_LG07	47.784
Ca_Kabuli_SNP1881	[C/A]	Ca_Kabuli_LG07	48.150
Ca_Kabuli_SNP1882	[C/G]	Ca_Kabuli_LG07	48.808
Ca_Kabuli_SNP1883	[G/A]	Ca_Kabuli_LG07	48.836
Ca_Kabuli_SNP1884	[A/C]	Ca_Kabuli_LG07	48.869
Ca_Kabuli_SNP1885	[T/G]	Ca_Kabuli_LG07	49.095
Ca_Kabuli_SNP1886	[C/A]	Ca_Kabuli_LG07	49.662
Ca_Kabuli_SNP1887	[C/G]	Ca_Kabuli_LG07	49.871
Ca_Kabuli_SNP1888	[C/A]	Ca_Kabuli_LG07	50.241
Ca_Kabuli_SNP1889	[T/G]	Ca_Kabuli_LG07	50.621

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1890	[G/T]	Ca_Kabuli_LG07	50.654
Ca_Kabuli_SNP1891	[A/C]	Ca_Kabuli_LG07	51.367
Ca_Kabuli_SNP1892	[A/G]	Ca_Kabuli_LG07	51.670
Ca_Kabuli_SNP1893	[G/T]	Ca_Kabuli_LG07	51.785
Ca_Kabuli_SNP1894	[T/G]	Ca_Kabuli_LG07	51.823
Ca_Kabuli_SNP1895	[G/T]	Ca_Kabuli_LG07	51.879
Ca_Kabuli_SNP1896	[T/C]	Ca_Kabuli_LG07	52.339
Ca_Kabuli_SNP1897	[C/T]	Ca_Kabuli_LG07	52.498
Ca_Kabuli_SNP1898	[T/G]	Ca_Kabuli_LG07	52.843
Ca_Kabuli_SNP1899	[C/T]	Ca_Kabuli_LG07	52.898
Ca_Kabuli_SNP1900	[G/A]	Ca_Kabuli_LG07	53.417
Ca_Kabuli_SNP1901	[C/A]	Ca_Kabuli_LG07	53.945
Ca_Kabuli_SNP1902	[G/T]	Ca_Kabuli_LG07	53.981
Ca_Kabuli_SNP1903	[C/A]	Ca_Kabuli_LG07	53.989
Ca_Kabuli_SNP1904	[A/C]	Ca_Kabuli_LG07	54.161
Ca_Kabuli_SNP1905	[G/A]	Ca_Kabuli_LG07	54.339
Ca_Kabuli_SNP1906	[T/C]	Ca_Kabuli_LG07	54.354
Ca_Kabuli_SNP1907	[T/G]	Ca_Kabuli_LG07	54.779
Ca_Kabuli_SNP1908	[G/A]	Ca_Kabuli_LG07	54.923
Ca_Kabuli_SNP1909	[T/G]	Ca_Kabuli_LG07	55.269
Ca_Kabuli_SNP1910	[A/T]	Ca_Kabuli_LG07	55.717
Ca_Kabuli_SNP1911	[T/G]	Ca_Kabuli_LG07	55.720
Ca_Kabuli_SNP1912	[G/A]	Ca_Kabuli_LG07	55.947
Ca_Kabuli_SNP1913	[G/T]	Ca_Kabuli_LG07	56.049
Ca_Kabuli_SNP1914	[C/G]	Ca_Kabuli_LG07	56.478
Ca_Kabuli_SNP1915	[G/A]	Ca_Kabuli_LG07	56.482
Ca_Kabuli_SNP1916	[G/A]	Ca_Kabuli_LG07	56.606
Ca_Kabuli_SNP1917	[C/G]	Ca_Kabuli_LG07	56.662
Ca_Kabuli_SNP1918	[C/G]	Ca_Kabuli_LG07	56.684
Ca_Kabuli_SNP1919	[A/G]	Ca_Kabuli_LG07	56.883
Ca_Kabuli_SNP1920	[G/C]	Ca_Kabuli_LG07	56.886

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1921	[A/G]	Ca_Kabuli_LG07	57.325
Ca_Kabuli_SNP1922	[C/T]	Ca_Kabuli_LG07	57.528
Ca_Kabuli_SNP1923	[T/C]	Ca_Kabuli_LG07	58.267
Ca_Kabuli_SNP1924	[C/T]	Ca_Kabuli_LG07	58.499
Ca_Kabuli_SNP1925	[C/A]	Ca_Kabuli_LG07	58.619
Ca_Kabuli_SNP1926	[G/C]	Ca_Kabuli_LG07	58.785
Ca_Kabuli_SNP1927	[T/C]	Ca_Kabuli_LG07	59.094
Ca_Kabuli_SNP1928	[T/C]	Ca_Kabuli_LG07	61.235
Ca_Kabuli_SNP1929	[T/C]	Ca_Kabuli_LG07	61.788
Ca_Kabuli_SNP1930	[C/G]	Ca_Kabuli_LG07	62.671
Ca_Kabuli_SNP1931	[A/G]	Ca_Kabuli_LG07	62.800
Ca_Kabuli_SNP1932	[A/G]	Ca_Kabuli_LG07	63.212
Ca_Kabuli_SNP1933	[C/A]	Ca_Kabuli_LG07	63.468
Ca_Kabuli_SNP1934	[C/T]	Ca_Kabuli_LG07	63.525
Ca_Kabuli_SNP1935	[A/G]	Ca_Kabuli_LG07	63.550
Ca_Kabuli_SNP1936	[G/T]	Ca_Kabuli_LG07	63.550
Ca_Kabuli_SNP1937	[C/A]	Ca_Kabuli_LG07	63.907
Ca_Kabuli_SNP1938	[T/G]	Ca_Kabuli_LG07	64.865
Ca_Kabuli_SNP1939	[A/G]	Ca_Kabuli_LG07	65.358
Ca_Kabuli_SNP1940	[G/T]	Ca_Kabuli_LG07	66.218
Ca_Kabuli_SNP1941	[A/G]	Ca_Kabuli_LG07	66.892
Ca_Kabuli_SNP1942	[C/A]	Ca_Kabuli_LG07	67.036
Ca_Kabuli_SNP1943	[A/T]	Ca_Kabuli_LG07	68.613
Ca_Kabuli_SNP1944	[C/T]	Ca_Kabuli_LG07	68.703
Ca_Kabuli_SNP1945	[C/T]	Ca_Kabuli_LG07	69.282
Ca_Kabuli_SNP1946	[G/C]	Ca_Kabuli_LG07	71.280
Ca_Kabuli_SNP1947	[G/C]	Ca_Kabuli_LG07	71.521
Ca_Kabuli_SNP1948	[A/G]	Ca_Kabuli_LG07	71.744
Ca_Kabuli_SNP1949	[G/A]	Ca_Kabuli_LG07	71.941
Ca_Kabuli_SNP1950	[A/G]	Ca_Kabuli_LG07	72.737
Ca_Kabuli_SNP1951	[A/T]	Ca_Kabuli_LG07	73.056

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1952	[A/G]	Ca_Kabuli_LG07	73.180
Ca_Kabuli_SNP1953	[T/G]	Ca_Kabuli_LG07	73.718
Ca_Kabuli_SNP1954	[T/G]	Ca_Kabuli_LG07	74.618
Ca_Kabuli_SNP1955	[A/G]	Ca_Kabuli_LG07	75.222
Ca_Kabuli_SNP1956	[A/G]	Ca_Kabuli_LG07	76.026
Ca_Kabuli_SNP1957	[G/A]	Ca_Kabuli_LG07	76.317
Ca_Kabuli_SNP1958	[T/A]	Ca_Kabuli_LG07	76.376
Ca_Kabuli_SNP1959	[T/G]	Ca_Kabuli_LG07	79.510
Ca_Kabuli_SNP1960	[A/C]	Ca_Kabuli_LG07	79.945
Ca_Kabuli_SNP1961	[C/A]	Ca_Kabuli_LG07	80.559
Ca_Kabuli_SNP1962	[A/T]	Ca_Kabuli_LG07	81.732
Ca_Kabuli_SNP1963	[C/T]	Ca_Kabuli_LG07	82.223
Ca_Kabuli_SNP1964	[G/A]	Ca_Kabuli_LG07	82.561
Ca_Kabuli_SNP1965	[A/G]	Ca_Kabuli_LG07	83.257
Ca_Kabuli_SNP1966	[G/T]	Ca_Kabuli_LG07	84.685
Ca_Kabuli_SNP1967	[A/G]	Ca_Kabuli_LG07	85.416
Ca_Kabuli_SNP1968	[A/T]	Ca_Kabuli_LG07	87.424
Ca_Kabuli_SNP1969	[C/T]	Ca_Kabuli_LG07	90.894
Ca_Kabuli_SNP1970	[A/C]	Ca_Kabuli_LG07	91.411
Ca_Kabuli_SNP1971	[G/A]	Ca_Kabuli_LG07	91.507
Ca_Kabuli_SNP1972	[G/A]	Ca_Kabuli_LG07	92.056
Ca_Kabuli_SNP1973	[A/C]	Ca_Kabuli_LG07	92.448
Ca_Kabuli_SNP1974	[A/C]	Ca_Kabuli_LG07	92.503
Ca_Kabuli_SNP1975	[T/G]	Ca_Kabuli_LG07	92.674
Ca_Kabuli_SNP1976	[C/A]	Ca_Kabuli_LG07	92.789
Ca_Kabuli_SNP1977	[C/T]	Ca_Kabuli_LG07	93.284
Ca_Kabuli_SNP1978	[C/A]	Ca_Kabuli_LG07	93.740
Ca_Kabuli_SNP1979	[A/T]	Ca_Kabuli_LG07	94.931
Ca_Kabuli_SNP1980	[C/A]	Ca_Kabuli_LG07	97.380
Ca_Kabuli_SNP1981	[T/A]	Ca_Kabuli_LG07	97.847
Ca_Kabuli_SNP1982	[T/A]	Ca_Kabuli_LG07	97.968

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP1983	[T/C]	Ca_Kabuli_LG07	98.312
Ca_Kabuli_SNP1984	[T/C]	Ca_Kabuli_LG07	98.545
Ca_Kabuli_SNP1985	[A/G]	Ca_Kabuli_LG07	99.754
Ca_Kabuli_SNP1986	[C/T]	Ca_Kabuli_LG07	100.328
Ca_Kabuli_SNP1987	[A/G]	Ca_Kabuli_LG07	105.184
Ca_Kabuli_SNP1988	[T/C]	Ca_Kabuli_LG08	0.000
Ca_Kabuli_SNP1989	[C/T]	Ca_Kabuli_LG08	1.894
Ca_Kabuli_SNP1990	[T/C]	Ca_Kabuli_LG08	3.989
Ca_Kabuli_SNP1991	[C/A]	Ca_Kabuli_LG08	5.298
Ca_Kabuli_SNP1992	[G/A]	Ca_Kabuli_LG08	6.091
Ca_Kabuli_SNP1993	[G/C]	Ca_Kabuli_LG08	6.270
Ca_Kabuli_SNP1994	[A/C]	Ca_Kabuli_LG08	8.231
Ca_Kabuli_SNP1995	[G/C]	Ca_Kabuli_LG08	10.460
Ca_Kabuli_SNP1996	[T/G]	Ca_Kabuli_LG08	10.697
Ca_Kabuli_SNP1997	[G/A]	Ca_Kabuli_LG08	11.002
Ca_Kabuli_SNP1998	[T/A]	Ca_Kabuli_LG08	11.375
Ca_Kabuli_SNP1999	[A/C]	Ca_Kabuli_LG08	12.090
Ca_Kabuli_SNP2000	[C/T]	Ca_Kabuli_LG08	13.232
Ca_Kabuli_SNP2001	[C/T]	Ca_Kabuli_LG08	13.977
Ca_Kabuli_SNP2002	[G/C]	Ca_Kabuli_LG08	14.068
Ca_Kabuli_SNP2003	[A/T]	Ca_Kabuli_LG08	15.054
Ca_Kabuli_SNP2004	[C/T]	Ca_Kabuli_LG08	15.341
Ca_Kabuli_SNP2005	[A/G]	Ca_Kabuli_LG08	15.379
Ca_Kabuli_SNP2006	[A/C]	Ca_Kabuli_LG08	15.690
Ca_Kabuli_SNP2007	[A/C]	Ca_Kabuli_LG08	16.091
Ca_Kabuli_SNP2008	[G/A]	Ca_Kabuli_LG08	16.376
Ca_Kabuli_SNP2009	[T/G]	Ca_Kabuli_LG08	18.568
Ca_Kabuli_SNP2010	[A/G]	Ca_Kabuli_LG08	19.162
Ca_Kabuli_SNP2011	[A/C]	Ca_Kabuli_LG08	20.905
Ca_Kabuli_SNP2012	[C/G]	Ca_Kabuli_LG08	21.192
Ca_Kabuli_SNP2013	[C/T]	Ca_Kabuli_LG08	21.563

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP2014	[A/T]	Ca_Kabuli_LG08	22.059
Ca_Kabuli_SNP2015	[G/A]	Ca_Kabuli_LG08	22.584
Ca_Kabuli_SNP2016	[A/C]	Ca_Kabuli_LG08	22.777
Ca_Kabuli_SNP2017	[A/C]	Ca_Kabuli_LG08	23.056
Ca_Kabuli_SNP2018	[C/G]	Ca_Kabuli_LG08	23.906
Ca_Kabuli_SNP2019	[T/C]	Ca_Kabuli_LG08	24.343
Ca_Kabuli_SNP2020	[G/A]	Ca_Kabuli_LG08	24.521
Ca_Kabuli_SNP2021	[C/A]	Ca_Kabuli_LG08	25.008
Ca_Kabuli_SNP2022	[C/T]	Ca_Kabuli_LG08	25.123
Ca_Kabuli_SNP2023	[C/T]	Ca_Kabuli_LG08	25.599
Ca_Kabuli_SNP2024	[A/C]	Ca_Kabuli_LG08	25.922
Ca_Kabuli_SNP2025	[C/T]	Ca_Kabuli_LG08	25.979
Ca_Kabuli_SNP2026	[G/A]	Ca_Kabuli_LG08	26.608
Ca_Kabuli_SNP2027	[C/T]	Ca_Kabuli_LG08	27.486
Ca_Kabuli_SNP2028	[T/G]	Ca_Kabuli_LG08	27.603
Ca_Kabuli_SNP2029	[G/C]	Ca_Kabuli_LG08	27.722
Ca_Kabuli_SNP2030	[C/G]	Ca_Kabuli_LG08	27.797
Ca_Kabuli_SNP2031	[C/T]	Ca_Kabuli_LG08	28.500
Ca_Kabuli_SNP2032	[T/G]	Ca_Kabuli_LG08	30.304
Ca_Kabuli_SNP2033	[T/C]	Ca_Kabuli_LG08	31.818
Ca_Kabuli_SNP2034	[T/G]	Ca_Kabuli_LG08	31.830
Ca_Kabuli_SNP2035	[A/C]	Ca_Kabuli_LG08	32.058
Ca_Kabuli_SNP2036	[C/A]	Ca_Kabuli_LG08	32.163
Ca_Kabuli_SNP2037	[G/C]	Ca_Kabuli_LG08	32.319
Ca_Kabuli_SNP2038	[A/G]	Ca_Kabuli_LG08	32.661
Ca_Kabuli_SNP2039	[A/C]	Ca_Kabuli_LG08	32.961
Ca_Kabuli_SNP2040	[T/A]	Ca_Kabuli_LG08	32.998
Ca_Kabuli_SNP2041	[C/A]	Ca_Kabuli_LG08	33.203
Ca_Kabuli_SNP2042	[A/C]	Ca_Kabuli_LG08	33.618
Ca_Kabuli_SNP2043	[G/C]	Ca_Kabuli_LG08	33.783
Ca_Kabuli_SNP2044	[T/C]	Ca_Kabuli_LG08	34.112



<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP2045	[G/A]	Ca_Kabuli_LG08	34.304
Ca_Kabuli_SNP2046	[G/C]	Ca_Kabuli_LG08	34.630
Ca_Kabuli_SNP2047	[A/G]	Ca_Kabuli_LG08	34.793
Ca_Kabuli_SNP2048	[A/G]	Ca_Kabuli_LG08	34.835
Ca_Kabuli_SNP2049	[A/T]	Ca_Kabuli_LG08	35.646
Ca_Kabuli_SNP2050	[C/T]	Ca_Kabuli_LG08	36.037
Ca_Kabuli_SNP2051	[T/A]	Ca_Kabuli_LG08	36.504
Ca_Kabuli_SNP2052	[G/A]	Ca_Kabuli_LG08	36.825
Ca_Kabuli_SNP2053	[T/G]	Ca_Kabuli_LG08	36.855
Ca_Kabuli_SNP2054	[C/T]	Ca_Kabuli_LG08	37.228
Ca_Kabuli_SNP2055	[T/C]	Ca_Kabuli_LG08	37.315
Ca_Kabuli_SNP2056	[T/G]	Ca_Kabuli_LG08	37.323
Ca_Kabuli_SNP2057	[C/A]	Ca_Kabuli_LG08	38.162
Ca_Kabuli_SNP2058	[T/G]	Ca_Kabuli_LG08	38.357
Ca_Kabuli_SNP2059	[A/G]	Ca_Kabuli_LG08	38.451
Ca_Kabuli_SNP2060	[A/C]	Ca_Kabuli_LG08	38.699
Ca_Kabuli_SNP2061	[G/C]	Ca_Kabuli_LG08	39.172
Ca_Kabuli_SNP2062	[T/C]	Ca_Kabuli_LG08	39.414
Ca_Kabuli_SNP2063	[C/A]	Ca_Kabuli_LG08	39.679
Ca_Kabuli_SNP2064	[C/T]	Ca_Kabuli_LG08	39.749
Ca_Kabuli_SNP2065	[G/T]	Ca_Kabuli_LG08	40.285
Ca_Kabuli_SNP2066	[G/A]	Ca_Kabuli_LG08	41.092
Ca_Kabuli_SNP2067	[C/G]	Ca_Kabuli_LG08	41.760
Ca_Kabuli_SNP2068	[G/T]	Ca_Kabuli_LG08	42.956
Ca_Kabuli_SNP2069	[G/T]	Ca_Kabuli_LG08	43.661
Ca_Kabuli_SNP2070	[A/T]	Ca_Kabuli_LG08	43.675
Ca_Kabuli_SNP2071	[T/G]	Ca_Kabuli_LG08	44.105
Ca_Kabuli_SNP2072	[C/A]	Ca_Kabuli_LG08	44.475
Ca_Kabuli_SNP2073	[G/T]	Ca_Kabuli_LG08	45.343
Ca_Kabuli_SNP2074	[T/G]	Ca_Kabuli_LG08	45.407
Ca_Kabuli_SNP2075	[T/G]	Ca_Kabuli_LG08	46.177

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP2076	[G/T]	Ca_Kabuli_LG08	46.736
Ca_Kabuli_SNP2077	[C/A]	Ca_Kabuli_LG08	46.779
Ca_Kabuli_SNP2078	[A/C]	Ca_Kabuli_LG08	47.070
Ca_Kabuli_SNP2079	[T/G]	Ca_Kabuli_LG08	47.293
Ca_Kabuli_SNP2080	[A/G]	Ca_Kabuli_LG08	48.233
Ca_Kabuli_SNP2081	[C/G]	Ca_Kabuli_LG08	48.340
Ca_Kabuli_SNP2082	[G/A]	Ca_Kabuli_LG08	48.744
Ca_Kabuli_SNP2083	[C/A]	Ca_Kabuli_LG08	48.974
Ca_Kabuli_SNP2084	[A/C]	Ca_Kabuli_LG08	49.291
Ca_Kabuli_SNP2085	[C/T]	Ca_Kabuli_LG08	51.448
Ca_Kabuli_SNP2086	[A/G]	Ca_Kabuli_LG08	51.765
Ca_Kabuli_SNP2087	[T/G]	Ca_Kabuli_LG08	52.265
Ca_Kabuli_SNP2088	[A/C]	Ca_Kabuli_LG08	52.739
Ca_Kabuli_SNP2089	[A/T]	Ca_Kabuli_LG08	52.740
Ca_Kabuli_SNP2090	[A/C]	Ca_Kabuli_LG08	52.740
Ca_Kabuli_SNP2091	[G/A]	Ca_Kabuli_LG08	52.759
Ca_Kabuli_SNP2092	[C/A]	Ca_Kabuli_LG08	53.016
Ca_Kabuli_SNP2093	[C/T]	Ca_Kabuli_LG08	54.252
Ca_Kabuli_SNP2094	[T/G]	Ca_Kabuli_LG08	54.297
Ca_Kabuli_SNP2095	[A/C]	Ca_Kabuli_LG08	54.991
Ca_Kabuli_SNP2096	[T/A]	Ca_Kabuli_LG08	55.392
Ca_Kabuli_SNP2097	[C/T]	Ca_Kabuli_LG08	56.073
Ca_Kabuli_SNP2098	[A/C]	Ca_Kabuli_LG08	56.253
Ca_Kabuli_SNP2099	[A/G]	Ca_Kabuli_LG08	56.405
Ca_Kabuli_SNP2100	[C/T]	Ca_Kabuli_LG08	56.870
Ca_Kabuli_SNP2101	[T/C]	Ca_Kabuli_LG08	57.026
Ca_Kabuli_SNP2102	[A/G]	Ca_Kabuli_LG08	57.481
Ca_Kabuli_SNP2103	[T/G]	Ca_Kabuli_LG08	57.934
Ca_Kabuli_SNP2104	[C/T]	Ca_Kabuli_LG08	58.405
Ca_Kabuli_SNP2105	[A/T]	Ca_Kabuli_LG08	58.617
Ca_Kabuli_SNP2106	[C/A]	Ca_Kabuli_LG08	58.772

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP2107	[T/G]	Ca_Kabuli_LG08	58.931
Ca_Kabuli_SNP2108	[A/C]	Ca_Kabuli_LG08	59.276
Ca_Kabuli_SNP2109	[T/G]	Ca_Kabuli_LG08	59.316
Ca_Kabuli_SNP2110	[T/A]	Ca_Kabuli_LG08	59.316
Ca_Kabuli_SNP2111	[G/A]	Ca_Kabuli_LG08	60.274
Ca_Kabuli_SNP2112	[T/C]	Ca_Kabuli_LG08	60.371
Ca_Kabuli_SNP2113	[G/A]	Ca_Kabuli_LG08	60.371
Ca_Kabuli_SNP2114	[A/T]	Ca_Kabuli_LG08	60.460
Ca_Kabuli_SNP2115	[C/T]	Ca_Kabuli_LG08	60.638
Ca_Kabuli_SNP2116	[G/T]	Ca_Kabuli_LG08	60.818
Ca_Kabuli_SNP2117	[C/T]	Ca_Kabuli_LG08	61.136
Ca_Kabuli_SNP2118	[T/C]	Ca_Kabuli_LG08	61.629
Ca_Kabuli_SNP2119	[G/A]	Ca_Kabuli_LG08	61.629
Ca_Kabuli_SNP2120	[A/G]	Ca_Kabuli_LG08	62.982
Ca_Kabuli_SNP2121	[A/C]	Ca_Kabuli_LG08	63.522
Ca_Kabuli_SNP2122	[T/G]	Ca_Kabuli_LG08	64.112
Ca_Kabuli_SNP2123	[T/C]	Ca_Kabuli_LG08	64.706
Ca_Kabuli_SNP2124	[T/A]	Ca_Kabuli_LG08	66.310
Ca_Kabuli_SNP2125	[T/C]	Ca_Kabuli_LG08	66.376
Ca_Kabuli_SNP2126	[A/T]	Ca_Kabuli_LG08	67.748
Ca_Kabuli_SNP2127	[A/G]	Ca_Kabuli_LG08	67.819
Ca_Kabuli_SNP2128	[G/T]	Ca_Kabuli_LG08	67.865
Ca_Kabuli_SNP2129	[C/T]	Ca_Kabuli_LG08	68.043
Ca_Kabuli_SNP2130	[A/T]	Ca_Kabuli_LG08	68.356
Ca_Kabuli_SNP2131	[G/C]	Ca_Kabuli_LG08	68.783
Ca_Kabuli_SNP2132	[T/C]	Ca_Kabuli_LG08	68.783
Ca_Kabuli_SNP2133	[C/T]	Ca_Kabuli_LG08	68.783
Ca_Kabuli_SNP2134	[G/A]	Ca_Kabuli_LG08	69.489
Ca_Kabuli_SNP2135	[C/G]	Ca_Kabuli_LG08	70.934
Ca_Kabuli_SNP2136	[A/G]	Ca_Kabuli_LG08	71.597
Ca_Kabuli_SNP2137	[G/T]	Ca_Kabuli_LG08	71.816

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP2138	[G/A]	Ca_Kabuli_LG08	72.761
Ca_Kabuli_SNP2139	[C/T]	Ca_Kabuli_LG08	73.363
Ca_Kabuli_SNP2140	[C/T]	Ca_Kabuli_LG08	73.823
Ca_Kabuli_SNP2141	[G/A]	Ca_Kabuli_LG08	73.922
Ca_Kabuli_SNP2142	[A/G]	Ca_Kabuli_LG08	74.138
Ca_Kabuli_SNP2143	[C/T]	Ca_Kabuli_LG08	74.638
Ca_Kabuli_SNP2144	[G/T]	Ca_Kabuli_LG08	75.715
Ca_Kabuli_SNP2145	[T/C]	Ca_Kabuli_LG08	75.807
Ca_Kabuli_SNP2146	[A/C]	Ca_Kabuli_LG08	75.922
Ca_Kabuli_SNP2147	[G/C]	Ca_Kabuli_LG08	76.550
Ca_Kabuli_SNP2148	[T/C]	Ca_Kabuli_LG08	77.021
Ca_Kabuli_SNP2149	[G/A]	Ca_Kabuli_LG08	77.121
Ca_Kabuli_SNP2150	[C/T]	Ca_Kabuli_LG08	77.633
Ca_Kabuli_SNP2151	[A/T]	Ca_Kabuli_LG08	78.261
Ca_Kabuli_SNP2152	[G/A]	Ca_Kabuli_LG08	79.026
Ca_Kabuli_SNP2153	[A/G]	Ca_Kabuli_LG08	80.076
Ca_Kabuli_SNP2154	[A/C]	Ca_Kabuli_LG08	83.221
Ca_Kabuli_SNP2155	[A/C]	Ca_Kabuli_LG08	83.329
Ca_Kabuli_SNP2156	[G/C]	Ca_Kabuli_LG08	87.335
Ca_Kabuli_SNP2157	[G/A]	Ca_Kabuli_LG08	88.036
Ca_Kabuli_SNP2158	[T/C]	Ca_Kabuli_LG08	88.090
Ca_Kabuli_SNP2159	[A/C]	Ca_Kabuli_LG08	89.169
Ca_Kabuli_SNP2160	[T/G]	Ca_Kabuli_LG08	89.183
Ca_Kabuli_SNP2161	[A/G]	Ca_Kabuli_LG08	89.692
Ca_Kabuli_SNP2162	[A/G]	Ca_Kabuli_LG08	90.571
Ca_Kabuli_SNP2163	[A/C]	Ca_Kabuli_LG08	90.973
Ca_Kabuli_SNP2164	[A/C]	Ca_Kabuli_LG08	92.922
Ca_Kabuli_SNP2165	[T/G]	Ca_Kabuli_LG08	93.224
Ca_Kabuli_SNP2166	[A/C]	Ca_Kabuli_LG08	94.106
Ca_Kabuli_SNP2167	[T/G]	Ca_Kabuli_LG08	94.561
Ca_Kabuli_SNP2168	[T/G]	Ca_Kabuli_LG08	94.723

<b>SNP IDs</b>	<b>SNPs</b>	<b>Linkage Group (LGs)</b>	<b>Genetic positions (cM) of mapped SNPs</b>
Ca_Kabuli_SNP2169	[A/G]	Ca_Kabuli_LG08	94.794
Ca_Kabuli_SNP2170	[T/G]	Ca_Kabuli_LG08	96.011
Ca_Kabuli_SNP2171	[C/A]	Ca_Kabuli_LG08	96.340
Ca_Kabuli_SNP2172	[C/T]	Ca_Kabuli_LG08	96.447
Ca_Kabuli_SNP2173	[C/T]	Ca_Kabuli_LG08	96.535
Ca_Kabuli_SNP2174	[T/A]	Ca_Kabuli_LG08	97.689
Ca_Kabuli_SNP2175	[G/T]	Ca_Kabuli_LG08	99.321
Ca_Kabuli_SNP2176	[T/C]	Ca_Kabuli_LG08	102.248
Ca_Kabuli_SNP2177	[G/A]	Ca_Kabuli_LG08	102.516

**Table S4:** Genome-wide LD estimates among a pairs of SNP loci mapped across eight *desi* and *kabuli* LGs of ultra-high density intra-specific genetic maps

Linkage Groups (LGs)	Number of SNP-pairs used	<sup>a</sup> SNP-pairs significant LD in	LD-estimates (average r <sup>2</sup> )
Ca_ <i>Desi</i> _LG01	35525	1923 (5.41%)	0.53
Ca_ <i>Desi</i> _LG01	18025	1284 (7.12%)	0.60
Ca_ <i>Desi</i> _LG01	28075	1964 (6.99%)	0.60
Ca_ <i>Desi</i> _LG01	27425	11739 (42.80%)	0.78
Ca_ <i>Desi</i> _LG01	13325	694 (5.21%)	0.54
Ca_ <i>Desi</i> _LG01	20225	1900 (9.39%)	0.63
Ca_ <i>Desi</i> _LG01	15675	1165 (7.43%)	0.54
Ca_ <i>Desi</i> _LG01	12775	1744 (13.65%)	0.70
<b>Total <i>Desi</i> LGs</b>	<b>171050</b>	<b>22413 (13.10%)</b>	<b>0.62</b>
Ca_ <i>Kabuli</i> _LG01	15785	2543 (16.11%)	0.60
Ca_ <i>Kabuli</i> _LG01	8675	3003 (34.62%)	0.59
Ca_ <i>Kabuli</i> _LG01	21875	2460 (11.25%)	0.66
Ca_ <i>Kabuli</i> _LG01	18675	4996 (26.75%)	0.72
Ca_ <i>Kabuli</i> _LG01	3925	1060 (27.01%)	0.47
Ca_ <i>Kabuli</i> _LG01	12975	2840 (21.89%)	0.63
Ca_ <i>Kabuli</i> _LG01	8425	1195 (14.18%)	0.47
Ca_ <i>Kabuli</i> _LG01	8225	1287 (15.65%)	0.57
<b>Total <i>Kabuli</i> LGs</b>	<b>98560</b>	<b>19384 (19.67%)</b>	<b>0.59</b>

<sup>a</sup>SNP-pairs at significant ( $p \leq 10^{-3}$ ) LD

**Table S5:** Statistical measures of three quantitative agronomic traits estimated in parental genotypes and 275 mapping individuals of an intra-specific RIL population (ICC 12299 x ICC 8261)

Traits	Years*	Parental genotypes		RIL mapping population			Heritability (%)
		ICC 12299	ICC 8261	Mean $\pm$ S.D.	Range	Coefficient of variation (CV)	
Pod number per plant (PN)	2010-11	100.4 $\pm$ 1.5	66.2 $\pm$ 2.1	82.6 $\pm$ 11.5	52.3-141.2	0.14	80
	2011-12	102.7 $\pm$ 1.9	64.2 $\pm$ 2.3	82.3 $\pm$ 12.3	51.1-139.0	0.15	79
	2012-13	103.7 $\pm$ 2.0	65.2 $\pm$ 2.0	84.2 $\pm$ 11.8	52.1-140.0	0.14	78
Seed number per plant (SN)	2010-11	161.1 $\pm$ 2.6	76.2 $\pm$ 2.2	117.7 $\pm$ 21.6	64.5-231.6	0.18	81
	2011-12	158.1 $\pm$ 2.1	73.2 $\pm$ 1.7	117.9 $\pm$ 24.8	62.4-229.3	0.21	77
	2012-13	163.1 $\pm$ 2.5	71.2 $\pm$ 1.9	116.4 $\pm$ 22.5	60.6-225.8	0.19	80
100-seed weight (g) (SW)	2010-11	8.3 $\pm$ 2.1	32.1 $\pm$ 2.2	19.7 $\pm$ 4.6	8.9-43.7	0.23	89
	2011-12	8.6 $\pm$ 2.5	30.1 $\pm$ 1.9	16 $\pm$ 5.3	7.4-41.2	0.33	90
	2012-13	8.8 $\pm$ 2.3	29.5 $\pm$ 1.8	18.8 $\pm$ 4.1	7.1-40.5	0.22	88

\*One-way ANOVA probabilities (F-Prob) at  $p \leq 10^{-2}$  showing significant trait variation in RILs across three years

**Table S6A: Structural and functional annotation of 4448 high-quality SNPs (MAF >20%) identified by reference *desi* genome-based GBS assay used for construction of ultra-high density intra-specific genetic linkage maps in chickpea**

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1	scaffold00582	6442	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2	scaffold00876	7194	[C/G]		INTERGENIC	
*Ca_Desig_SNP3	scaffold15702	53709	[C/T]		INTERGENIC	
*Ca_Desig_SNP4	Ca_Desig_LG03	6499738	[A/C]	Ca_02679	NON_SYNONYMOUS_CODING	ABC transporter C family member 5
*Ca_Desig_SNP5	scaffold00996	227	[A/G]		INTERGENIC	
*Ca_Desig_SNP6	scaffold00745	3713	[G/T]		INTERGENIC	
*Ca_Desig_SNP7	Ca_Desig_LG08	10194727	[A/C]	Ca_08722	SYNONYMOUS_CODING	Putative uncharacterized protein
*Ca_Desig_SNP8	scaffold00934	225573	[C/T]		INTERGENIC	
*Ca_Desig_SNP9	scaffold01025	308	[G/C]	Ca_14762	SYNONYMOUS_CODING	Protein of unknown function (DUF674)
*Ca_Desig_SNP10	scaffold00203	40465	[T/G]	Ca_11303	SYNONYMOUS_CODING	Putative peptide/nitrate transporter At2g37900
*Ca_Desig_SNP11	scaffold02365	27874	[A/C]		INTERGENIC	
*Ca_Desig_SNP12	scaffold00968	166	[T/G]		INTERGENIC	
*Ca_Desig_SNP13	scaffold00778	710	[A/G]		INTERGENIC	
*Ca_Desig_SNP14	scaffold00167	12128	[C/A]		INTERGENIC	
*Ca_Desig_SNP15	scaffold00261	25095	[A/T]		INTERGENIC	
*Ca_Desig_SNP16	scaffold03349	105144	[T/C]		INTERGENIC	
*Ca_Desig_SNP17	scaffold00775	2373	[T/C]	Ca_13986	DOWNSTREAM:976bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP18	Ca_Desig_LG01	27204	[C/T]		INTERGENIC	
*Ca_Desig_SNP19	scaffold00876	7195	[C/A]		INTERGENIC	
*Ca_Desig_SNP20	scaffold00690	3885	[A/C]		INTERGENIC	
*Ca_Desig_SNP21	scaffold02130	148563	[T/C]		INTERGENIC	
*Ca_Desig_SNP22	scaffold00876	889	[A/G]		INTERGENIC	
*Ca_Desig_SNP23	scaffold00843	1243	[C/A]	Ca_14251	NON_SYNONYMOUS_CODING	--
*Ca_Desig_SNP24	scaffold00952	556	[T/C]		INTERGENIC	
*Ca_Desig_SNP25	scaffold00767	2528	[T/G]		INTERGENIC	



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP26	scaffold13621	103009	[T/G]		INTERGENIC	
*Ca_Desig_SNP27	scaffold00852	835	[T/C]	Ca_14286	SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP28	scaffold00888	339	[T/C]		INTERGENIC	
*Ca_Desig_SNP29	scaffold05945	10074	[T/G]	Ca_09428	INTRON	Unknown expressed protein
*Ca_Desig_SNP30	Ca_Desig_LG07	2195792	[A/G]	Ca_07527	INTRON	Phospholipid-transporting ATPase 3
*Ca_Desig_SNP31	Ca_Desig_LG03	4016157	[A/C]	Ca_02499	NON_SYNONYMOUS_CODING	Calcium homeostasis endoplasmic reticulum protein
*Ca_Desig_SNP32	scaffold00775	2351	[T/C]	Ca_13986	DOWNSTREAM:954bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP33	scaffold00763	1601	[T/C]		INTERGENIC	
*Ca_Desig_SNP34	Ca_Desig_LG06	7708553	[T/C]		INTERGENIC	
*Ca_Desig_SNP35	Ca_Desig_LG01	6037738	[T/G]		INTERGENIC	
*Ca_Desig_SNP36	scaffold00686	3624	[T/C]		INTERGENIC	
*Ca_Desig_SNP37	scaffold02462	61971	[T/G]		INTERGENIC	
*Ca_Desig_SNP38	scaffold00646	4895	[T/C]		INTERGENIC	
*Ca_Desig_SNP39	scaffold00790	863	[A/G]		INTERGENIC	
*Ca_Desig_SNP40	scaffold00781	14405	[A/G]		INTERGENIC	
*Ca_Desig_SNP41	Ca_Desig_LG06	6119010	[T/C]	Ca_06923	SYNONYMOUS_CODING	Protein spinster
*Ca_Desig_SNP42	scaffold01069	72	[G/A]		INTERGENIC	
*Ca_Desig_SNP43	scaffold00296	4407	[A/G]		INTERGENIC	
*Ca_Desig_SNP44	scaffold00582	10810	[T/A]		INTERGENIC	
*Ca_Desig_SNP45	scaffold00999	585	[C/T]		INTERGENIC	
*Ca_Desig_SNP46	scaffold00806	673	[A/T]		INTERGENIC	
*Ca_Desig_SNP47	scaffold00981	210	[T/C]		INTERGENIC	
*Ca_Desig_SNP48	Ca_Desig_LG02	574863	[C/A]	Ca_01064	NON_SYNONYMOUS_CODING	CCR4-NOT transcription complex subunit 4
*Ca_Desig_SNP49	scaffold02358	55447	[A/C]		INTERGENIC	
*Ca_Desig_SNP50	scaffold00779	958	[A/G]		INTERGENIC	
*Ca_Desig_SNP51	scaffold01158	167	[G/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP52	scaffold03643	1485	[C/T]		INTERGENIC	
*Ca_Desig_SNP53	Ca_Desig_LG01	836330	[T/G]		INTERGENIC	
*Ca_Desig_SNP54	Ca_Desig_LG05	9252445	[A/C]	Ca_06016	NON_SYNONYMOUS_CODING	Uncharacterized protein sll1770
*Ca_Desig_SNP55	scaffold01877	25754	[C/A]		INTERGENIC	
*Ca_Desig_SNP56	Ca_Desig_LG07	174201	[A/G]		INTERGENIC	
*Ca_Desig_SNP57	scaffold00667	5206	[G/A]	Ca_13619	INTRON	50S ribosomal protein L17
*Ca_Desig_SNP58	scaffold00494	15713	[A/T]		INTERGENIC	
*Ca_Desig_SNP59	scaffold00646	4910	[T/C]		INTERGENIC	
*Ca_Desig_SNP60	Ca_Desig_LG08	427233	[A/C]		INTERGENIC	
*Ca_Desig_SNP61	Ca_Desig_LG04	7647658	[G/T]	Ca_04363	NON_SYNONYMOUS_CODING	Lysine-specific demethylase 3B
*Ca_Desig_SNP62	scaffold00884	678	[A/G]		INTERGENIC	
*Ca_Desig_SNP63	scaffold00485	98148	[G/T]		INTERGENIC	
*Ca_Desig_SNP64	Ca_Desig_LG01	1389951	[T/C]	Ca_00140	INTRON	Soluble inorganic pyrophosphatase 1, chloroplastic
*Ca_Desig_SNP65	scaffold00304	30294	[T/G]		INTERGENIC	
*Ca_Desig_SNP66	scaffold00735	2839	[A/G]	Ca_13852	DOWNSTREAM:1607bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP67	scaffold00702	6563	[T/C]		INTERGENIC	
*Ca_Desig_SNP68	scaffold05583	116138	[T/G]		INTERGENIC	
*Ca_Desig_SNP69	scaffold03971	48122	[G/C]		INTERGENIC	
*Ca_Desig_SNP70	scaffold00771	2535	[T/C]		INTERGENIC	
*Ca_Desig_SNP71	scaffold00989	420	[C/T]		INTERGENIC	
*Ca_Desig_SNP72	scaffold00748	1042	[G/A]		INTERGENIC	
*Ca_Desig_SNP73	scaffold00876	785	[A/G]		INTERGENIC	
*Ca_Desig_SNP74	scaffold00763	1603	[A/G]		INTERGENIC	
*Ca_Desig_SNP75	Ca_Desig_LG01	436895	[A/C]	Ca_00021	DOWNSTREAM:1370bases	Ribosome biogenesis protein BOP1 homolog
*Ca_Desig_SNP76	scaffold02472	56603	[A/G]		INTERGENIC	
*Ca_Desig_SNP77	scaffold01709	91152	[G/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP78	scaffold01004	64558	[A/G]		INTERGENIC	
*Ca_Desig_SNP79	scaffold00666	3294	[C/A]		INTERGENIC	
*Ca_Desig_SNP80	scaffold00888	352	[A/G]		INTERGENIC	
*Ca_Desig_SNP81	scaffold00415	21203	[C/T]	Ca_09195	SYNONYMOUS_CODING	RNA-binding protein with multiple splicing
*Ca_Desig_SNP82	scaffold00876	5313	[T/C]		INTERGENIC	
*Ca_Desig_SNP83	scaffold00768	3120	[A/G]		INTERGENIC	
*Ca_Desig_SNP84	scaffold00686	3643	[T/C]		INTERGENIC	
*Ca_Desig_SNP85	scaffold00768	3065	[T/C]		INTERGENIC	
*Ca_Desig_SNP86	scaffold06141	51521	[T/G]		INTERGENIC	
*Ca_Desig_SNP87	Ca_Desig_LG01	6314651	[T/G]		INTERGENIC	
*Ca_Desig_SNP88	scaffold02138	54590	[C/A]		INTERGENIC	
*Ca_Desig_SNP89	scaffold00775	2345	[T/C]	Ca_13986	DOWNSTREAM:948bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP90	Ca_Desig_LG01	13692724	[A/C]	Ca_00980	DOWNSTREAM:1448bases	Methyltransferase-like protein 22
*Ca_Desig_SNP91	scaffold00824	2793	[G/C]		INTERGENIC	
*Ca_Desig_SNP92	scaffold02276	9633	[A/G]		INTERGENIC	
*Ca_Desig_SNP93	scaffold03129	150737	[T/G]	Ca_09375	INTRON	TMV resistance protein N
*Ca_Desig_SNP94	scaffold00741	1040	[G/T]		INTERGENIC	
*Ca_Desig_SNP95	scaffold00852	971	[T/C]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP96	scaffold00740	1830	[G/T]		INTERGENIC	
*Ca_Desig_SNP97	scaffold01039	157631	[A/C]		INTERGENIC	
*Ca_Desig_SNP98	Ca_Desig_LG04	5678693	[T/G]	Ca_04260	DOWNSTREAM:1522bases	HR-like lesion-inducing protein-related
*Ca_Desig_SNP99	scaffold01027	79	[C/T]		INTERGENIC	
*Ca_Desig_SNP100	scaffold03193	53377	[G/T]		INTERGENIC	
*Ca_Desig_SNP101	scaffold02009	133363	[G/T]		INTERGENIC	
*Ca_Desig_SNP102	Ca_Desig_LG03	11391312	[A/G]	Ca_02936	INTRON	Transmembrane protein 8B
*Ca_Desig_SNP103	scaffold02276	9637	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP104	scaffold00854	320	[T/C]		INTERGENIC	
*Ca_Desig_SNP105	Ca_Desig_LG07	7266198	[G/C]	Ca_07873	NON_SYNONYMOUS_CODING	SBP (S-ribonuclease binding protein) family protein
*Ca_Desig_SNP106	scaffold00917	1444	[C/T]		INTERGENIC	
*Ca_Desig_SNP107	scaffold00686	3637	[A/G]		INTERGENIC	
*Ca_Desig_SNP108	scaffold00854	335	[A/G]		INTERGENIC	
*Ca_Desig_SNP109	scaffold01164	240	[C/G]		INTERGENIC	
*Ca_Desig_SNP110	scaffold00714	2050	[A/C]	Ca_13757	UTR_5_PRIME:9bases	Chaperone protein dnaJ 1, mitochondrial
*Ca_Desig_SNP111	scaffold01284	44275	[A/C]		INTERGENIC	
*Ca_Desig_SNP112	Ca_Desig_LG05	12955254	[A/C]	Ca_06324	SYNONYMOUS_CODING	Multiple inositol polyphosphate phosphatase 1
*Ca_Desig_SNP113	scaffold00521	11654	[T/C]		INTERGENIC	
*Ca_Desig_SNP114	scaffold01009	437	[G/A]		INTERGENIC	
*Ca_Desig_SNP115	Ca_Desig_LG04	15957925	[G/A]		INTERGENIC	
*Ca_Desig_SNP116	scaffold02630	75233	[A/C]		INTERGENIC	
*Ca_Desig_SNP117	scaffold01104	269	[C/T]		INTERGENIC	
*Ca_Desig_SNP118	scaffold00845	1664	[G/A]		INTERGENIC	
*Ca_Desig_SNP119	scaffold02276	9635	[G/A]		INTERGENIC	
*Ca_Desig_SNP120	scaffold00761	3586	[T/C]		INTERGENIC	
*Ca_Desig_SNP121	scaffold01136	132	[G/T]		INTERGENIC	
*Ca_Desig_SNP122	scaffold00711	72462	[T/C]		INTERGENIC	
*Ca_Desig_SNP123	scaffold06937	32411	[T/C]		INTERGENIC	
*Ca_Desig_SNP124	scaffold07131	54695	[T/G]		INTERGENIC	
*Ca_Desig_SNP125	scaffold00686	1865	[T/C]		INTERGENIC	
*Ca_Desig_SNP126	scaffold00824	1884	[A/G]		INTERGENIC	
*Ca_Desig_SNP127	scaffold03349	105154	[A/C]		INTERGENIC	
*Ca_Desig_SNP128	scaffold00745	3710	[C/T]		INTERGENIC	
*Ca_Desig_SNP129	Ca_Desig_LG05	11028670	[C/A]	Ca_06158	DOWNSTREAM:513bases	Unknown expressed protein

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP130	scaffold00383	26396	[A/G]		INTERGENIC	
*Ca_Desig_SNP131	Ca_Desig_LG01	2471793	[C/T]	Ca_00262	INTRON	RING finger protein 141
*Ca_Desig_SNP132	scaffold00804	720	[T/C]		INTERGENIC	
*Ca_Desig_SNP133	scaffold00880	892	[A/G]		INTERGENIC	
*Ca_Desig_SNP134	Ca_Desig_LG01	11929981	[C/T]	Ca_00908	INTRON	Homeobox-leucine zipper protein REVOLUTA
*Ca_Desig_SNP135	scaffold01077	508	[T/C]		INTERGENIC	
*Ca_Desig_SNP136	scaffold01030	57	[A/C]		INTERGENIC	
*Ca_Desig_SNP137	Ca_Desig_LG06	10358319	[G/T]	Ca_07279	DOWNSTREAM:498bases	Vesicle-fusing ATPase
*Ca_Desig_SNP138	scaffold00788	3370	[A/G]		INTERGENIC	
*Ca_Desig_SNP139	Ca_Desig_LG06	10358300	[G/A]	Ca_07279	DOWNSTREAM:517bases	Vesicle-fusing ATPase
*Ca_Desig_SNP140	scaffold00888	343	[T/C]		INTERGENIC	
*Ca_Desig_SNP141	scaffold01106	85	[T/C]		INTERGENIC	
*Ca_Desig_SNP142	scaffold13504	114764	[T/C]	Ca_09258	INTRON	Beclin-1-like protein
*Ca_Desig_SNP143	scaffold00686	3651	[T/C]		INTERGENIC	
*Ca_Desig_SNP144	scaffold02679	60476	[A/T]		INTERGENIC	
*Ca_Desig_SNP145	scaffold00476	21890	[A/G]		INTERGENIC	
*Ca_Desig_SNP146	scaffold01141	139	[C/T]		INTERGENIC	
*Ca_Desig_SNP147	scaffold09892	70514	[T/G]	Ca_10004	INTRON	Uncharacterized membrane protein yuiD
*Ca_Desig_SNP148	Ca_Desig_LG08	10010434	[C/A]		INTERGENIC	
*Ca_Desig_SNP149	scaffold02308	11871	[T/G]	Ca_10480	DOWNSTREAM:1488bases	Metal tolerance protein 5
*Ca_Desig_SNP150	scaffold00681	4235	[T/G]	Ca_13677	DOWNSTREAM:992bases	Probable polygalacturonase non-catalytic subunit JP650
*Ca_Desig_SNP151	scaffold01171	38	[T/C]		INTERGENIC	
*Ca_Desig_SNP152	scaffold00872	1671	[A/G]		INTERGENIC	
*Ca_Desig_SNP153	scaffold12101	1952	[A/G]		INTERGENIC	
*Ca_Desig_SNP154	scaffold03193	53376	[C/G]		INTERGENIC	
*Ca_Desig_SNP155	Ca_Desig_LG04	367829	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP156	scaffold00207	19274	[G/T]	Ca_11357	NON_SYNONYMOUS_CODING	Chloroplastic group IIA intron splicing facilitator CRS1, chloroplastic
*Ca_Desig_SNP157	scaffold02798	72828	[G/C]		INTERGENIC	
*Ca_Desig_SNP158	scaffold00703	4000	[G/A]		INTERGENIC	
*Ca_Desig_SNP159	scaffold00078	7186	[A/G]		INTERGENIC	
*Ca_Desig_SNP160	Ca_Desig_LG01	2637849	[C/T]	Ca_00275	INTRON	Protein of unknown function (DUF707)
*Ca_Desig_SNP161	Ca_Desig_LG01	1938752	[G/T]	Ca_00203	SYNONYMOUS_CODING	Splicing factor 3B subunit 1
*Ca_Desig_SNP162	scaffold00852	858	[T/C]	Ca_14286	SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP163	scaffold06934	26498	[T/C]		INTERGENIC	
*Ca_Desig_SNP164	scaffold00246	19392	[A/C]		INTERGENIC	
*Ca_Desig_SNP165	scaffold00761	3606	[T/C]		INTERGENIC	
*Ca_Desig_SNP166	scaffold00837	1196	[T/G]		INTERGENIC	
*Ca_Desig_SNP167	scaffold00761	3724	[A/G]		INTERGENIC	
*Ca_Desig_SNP168	Ca_Desig_LG02	7708760	[A/C]	Ca_01613	NON_SYNONYMOUS_CODING	Putative DNA-binding protein ESCAROLA
*Ca_Desig_SNP169	scaffold00646	2072	[G/A]		INTERGENIC	
*Ca_Desig_SNP170	Ca_Desig_LG03	1351568	[C/A]		INTERGENIC	
*Ca_Desig_SNP171	scaffold00876	5651	[T/C]		INTERGENIC	
*Ca_Desig_SNP172	scaffold00876	6612	[A/G]		INTERGENIC	
*Ca_Desig_SNP173	Ca_Desig_LG03	993124	[A/C]	Ca_02241	DOWNSTREAM:1505bases	bonsai
*Ca_Desig_SNP174	scaffold00903	443	[A/G]		INTERGENIC	
*Ca_Desig_SNP175	scaffold00860	925	[T/C]		INTERGENIC	
*Ca_Desig_SNP176	scaffold03130	18110	[G/C]		INTERGENIC	
*Ca_Desig_SNP177	scaffold00876	17510	[T/C]		INTERGENIC	
*Ca_Desig_SNP178	scaffold00724	88	[A/T]		INTERGENIC	
*Ca_Desig_SNP179	scaffold00761	3571	[A/G]		INTERGENIC	
*Ca_Desig_SNP180	scaffold05207	86246	[G/T]		INTERGENIC	
*Ca_Desig_SNP181	scaffold01510	39150	[T/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP182	scaffold00866	905	[C/T]	Ca_14324	DOWNSTREAM:424bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP183	scaffold04453	258803	[T/C]		INTERGENIC	
*Ca_Desig_SNP184	scaffold00383	26368	[A/G]		INTERGENIC	
*Ca_Desig_SNP185	scaffold00646	4886	[A/G]		INTERGENIC	
*Ca_Desig_SNP186	scaffold00884	688	[T/C]		INTERGENIC	
*Ca_Desig_SNP187	scaffold00258	180066	[G/C]		INTERGENIC	
*Ca_Desig_SNP188	scaffold00640	2734	[G/A]	Ca_13529	DOWNSTREAM:1481bases	Trihelix transcription factor GT-2
*Ca_Desig_SNP189	scaffold01866	75513	[T/G]		INTERGENIC	
*Ca_Desig_SNP190	scaffold01286	173746	[A/T]		INTERGENIC	
*Ca_Desig_SNP191	scaffold02206	38148	[A/G]		INTERGENIC	
*Ca_Desig_SNP192	scaffold00735	3614	[A/C]	Ca_13852	DOWNSTREAM:832bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP193	scaffold00824	1880	[A/G]		INTERGENIC	
*Ca_Desig_SNP194	scaffold00970	110854	[A/C]		INTERGENIC	
*Ca_Desig_SNP195	scaffold01142	93	[T/A]		INTERGENIC	
*Ca_Desig_SNP196	scaffold01617	77497	[A/C]		INTERGENIC	
*Ca_Desig_SNP197	scaffold01139	9852	[T/G]		INTERGENIC	
*Ca_Desig_SNP198	Ca_Desig_LG04	16009861	[A/C]	Ca_04861	SYNONYMOUS_CODING	Kinesin-4
*Ca_Desig_SNP199	scaffold00226	49056	[T/G]	Ca_11420	NON_SYNONYMOUS_CODING	Staphylococcal nuclease domain-containing protein 1
*Ca_Desig_SNP200	scaffold00761	3566	[T/C]		INTERGENIC	
*Ca_Desig_SNP201	scaffold05824	124203	[A/C]		INTERGENIC	
*Ca_Desig_SNP202	scaffold00185	233079	[C/G]		INTERGENIC	
*Ca_Desig_SNP203	Ca_Desig_LG01	2417658	[A/G]		INTERGENIC	
*Ca_Desig_SNP204	scaffold03153	57800	[T/G]		INTERGENIC	
*Ca_Desig_SNP205	scaffold01346	96377	[T/G]	Ca_10165	DOWNSTREAM:1043bases	Thioredoxin family protein
*Ca_Desig_SNP206	scaffold00301	24443	[A/G]		INTERGENIC	
*Ca_Desig_SNP207	Ca_Desig_LG02	11084623	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP208	scaffold01013	638	[T/G]		INTERGENIC	
*Ca_Desig_SNP209	Ca_Desig_LG07	8209406	[T/G]		INTERGENIC	
*Ca_Desig_SNP210	scaffold00383	24031	[C/T]		INTERGENIC	
*Ca_Desig_SNP211	scaffold00610	1307	[C/T]		INTERGENIC	
*Ca_Desig_SNP212	Ca_Desig_LG02	16676201	[C/A]	Ca_02118	NON_SYNONYMOUS_CODING	NB-ARC domain-containing disease resistance protein
*Ca_Desig_SNP213	Ca_Desig_LG01	2491480	[A/T]	Ca_00264	INTRON	Probable allantoinase 1
*Ca_Desig_SNP214	Ca_Desig_LG01	2281497	[T/G]	Ca_00235	UTR_5_PRIME:241bases	3-ketoacyl-CoA synthase 10
*Ca_Desig_SNP215	scaffold00472	41142	[G/C]		INTERGENIC	
*Ca_Desig_SNP216	scaffold00227	47416	[T/G]		INTERGENIC	
*Ca_Desig_SNP217	scaffold00922	603	[A/G]		INTERGENIC	
*Ca_Desig_SNP218	Ca_Desig_LG04	368237	[C/T]	Ca_03909	DOWNSTREAM:1637bases	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit trm6
*Ca_Desig_SNP219	scaffold00988	748	[A/T]		INTERGENIC	
*Ca_Desig_SNP220	Ca_Desig_LG01	2637647	[C/G]	Ca_00275	INTRON	Protein of unknown function (DUF707)
*Ca_Desig_SNP221	scaffold00937	224744	[T/C]		INTERGENIC	
*Ca_Desig_SNP222	Ca_Desig_LG07	1631428	[T/C]	Ca_07491	INTRON	Transcription factor MYB1R1
*Ca_Desig_SNP223	Ca_Desig_LG06	7789059	[G/A]	Ca_07063	NON_SYNONYMOUS_CODING	Probable adenylate kinase isoenzyme 6
*Ca_Desig_SNP224	Ca_Desig_LG04	4771448	[T/C]		INTERGENIC	
*Ca_Desig_SNP225	Ca_Desig_LG02	14225056	[T/A]	Ca_01927	NON_SYNONYMOUS_CODING	Expansin-A16
*Ca_Desig_SNP226	Ca_Desig_LG01	14190369	[T/C]	Ca_01024	INTRON	Mitochondrial transcription termination factor family protein
*Ca_Desig_SNP227	scaffold00768	3018	[A/G]		INTERGENIC	
*Ca_Desig_SNP228	scaffold02974	60985	[A/C]		INTERGENIC	
*Ca_Desig_SNP229	scaffold01106	58	[T/C]		INTERGENIC	
*Ca_Desig_SNP230	scaffold00383	26313	[C/T]		INTERGENIC	
*Ca_Desig_SNP231	scaffold01365	72627	[G/T]		INTERGENIC	
*Ca_Desig_SNP232	Ca_Desig_LG07	3826724	[A/C]		INTERGENIC	
*Ca_Desig_SNP233	scaffold00893	1623	[A/G]	Ca_14399	INTRON	Tripeptidyl-peptidase 2



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP234	Ca_Desig_LG04	5678708	[T/A]	Ca_04260	DOWNSTREAM:1507bases	HR-like lesion-inducing protein-related
*Ca_Desig_SNP235	scaffold00989	413	[G/A]		INTERGENIC	
*Ca_Desig_SNP236	scaffold00763	250	[A/C]		INTERGENIC	
*Ca_Desig_SNP237	Ca_Desig_LG01	12155983	[G/T]		INTERGENIC	
*Ca_Desig_SNP238	scaffold00686	1882	[A/G]		INTERGENIC	
*Ca_Desig_SNP239	Ca_Desig_LG01	2418212	[T/A]	Ca_00256	SYNONYMOUS_CODING	Pentatricopeptide repeat-containing protein At2g32230, mitochondrial
*Ca_Desig_SNP240	scaffold00646	4861	[T/C]		INTERGENIC	
*Ca_Desig_SNP241	Ca_Desig_LG01	3099404	[G/C]	Ca_00314	DOWNSTREAM:561bases	Nucleobase-ascorbate transporter 2
*Ca_Desig_SNP242	Ca_Desig_LG01	2471996	[G/A]	Ca_00262	INTRON	RING finger protein 141
*Ca_Desig_SNP243	scaffold00736	39751	[A/T]		INTERGENIC	
*Ca_Desig_SNP244	scaffold00933	806	[G/A]		INTERGENIC	
*Ca_Desig_SNP245	Ca_Desig_LG01	6956513	[A/G]	Ca_00565	SYNONYMOUS_CODING	Protein CLEC16A homolog
*Ca_Desig_SNP246	Ca_Desig_LG04	2761592	[G/A]	Ca_04069	INTRON	Serine/threonine-protein kinase At5g01020
*Ca_Desig_SNP247	scaffold00876	5327	[T/C]		INTERGENIC	
*Ca_Desig_SNP248	scaffold00789	2247	[A/C]		INTERGENIC	
*Ca_Desig_SNP249	scaffold00876	5643	[A/G]		INTERGENIC	
*Ca_Desig_SNP250	scaffold00845	1696	[C/G]		INTERGENIC	
*Ca_Desig_SNP251	Ca_Desig_LG01	3328457	[C/A]	Ca_00339	NON_SYNONYMOUS_CODING	U-box domain-containing protein 17
*Ca_Desig_SNP252	scaffold00679	2666	[C/T]		INTERGENIC	
*Ca_Desig_SNP253	scaffold00582	6351	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP254	scaffold00225	10201	[C/A]	Ca_11400	INTRON	Clathrin heavy chain 1
*Ca_Desig_SNP255	Ca_Desig_LG07	1443872	[A/C]	Ca_07476	NON_SYNONYMOUS_CODING	Transcription initiation factor TFIID subunit 12
*Ca_Desig_SNP256	scaffold00735	2816	[T/C]	Ca_13852	DOWNSTREAM:1630bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP257	scaffold01067	643	[C/T]		INTERGENIC	
*Ca_Desig_SNP258	scaffold02206	105062	[C/T]		INTERGENIC	
*Ca_Desig_SNP259	scaffold04586	170910	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desi_SNP260	scaffold01585	34275	[T/G]		INTERGENIC	
*Ca_Desi_SNP261	Ca_Desi_LG03	14006868	[G/A]		INTERGENIC	
*Ca_Desi_SNP262	scaffold02975	78788	[T/G]		INTERGENIC	
*Ca_Desi_SNP263	scaffold00884	670	[A/G]		INTERGENIC	
*Ca_Desi_SNP264	scaffold00775	2362	[A/G]	Ca_13986	DOWNSTREAM:965bases	Protein of unknown function (DUF3755)
*Ca_Desi_SNP265	scaffold00852	833	[T/C]	Ca_14286	NON_SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desi_SNP266	Ca_Desi_LG02	4552112	[C/T]		INTERGENIC	
*Ca_Desi_SNP267	Ca_Desi_LG02	437401	[C/T]		INTERGENIC	
*Ca_Desi_SNP268	Ca_Desi_LG02	1868845	[A/C]		INTERGENIC	
*Ca_Desi_SNP269	scaffold02472	59170	[G/A]	Ca_09692	DOWNSTREAM:882bases	Uncharacterised protein family SERF
*Ca_Desi_SNP270	scaffold00618	42122	[G/A]		INTERGENIC	
*Ca_Desi_SNP271	Ca_Desi_LG01	5022262	[T/G]	Ca_00416	INTRON	CASP-like protein POPTRDRAFT_818957
*Ca_Desi_SNP272	Ca_Desi_LG01	5061125	[C/G]		INTERGENIC	
*Ca_Desi_SNP273	Ca_Desi_LG02	1823564	[A/G]		INTERGENIC	
*Ca_Desi_SNP274	scaffold00526	10885	[A/C]	Ca_13056	DOWNSTREAM:1103bases	--
*Ca_Desi_SNP275	Ca_Desi_LG01	5059752	[G/A]		INTERGENIC	
*Ca_Desi_SNP276	scaffold04586	96512	[A/C]		INTERGENIC	
*Ca_Desi_SNP277	scaffold00553	12263	[T/C]		INTERGENIC	
*Ca_Desi_SNP278	Ca_Desi_LG01	5050172	[T/C]		INTERGENIC	
*Ca_Desi_SNP279	scaffold00686	3648	[T/C]		INTERGENIC	
*Ca_Desi_SNP280	Ca_Desi_LG04	8146783	[A/G]	Ca_04409	DOWNSTREAM:994bases	Pleiotropic drug resistance protein 1
*Ca_Desi_SNP281	scaffold02441	90164	[C/A]		INTERGENIC	
*Ca_Desi_SNP282	Ca_Desi_LG04	5782799	[G/C]	Ca_04265	NON_SYNONYMOUS_CODING	Putative uncharacterized protein
*Ca_Desi_SNP283	Ca_Desi_LG01	5061196	[A/G]		INTERGENIC	
*Ca_Desi_SNP284	scaffold00977	27866	[C/T]	Ca_09139	INTRON	Probable LRR receptor-like serine/threonine-protein kinase At3g47570
*Ca_Desi_SNP285	scaffold04802	21850	[T/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP286	Ca_Desig_LG04	5678705	[T/A]	Ca_04260	DOWNSTREAM:1510bases	HR-like lesion-inducing protein-related
*Ca_Desig_SNP287	scaffold05998	31924	[T/C]		INTERGENIC	
*Ca_Desig_SNP288	Ca_Desig_LG01	5050016	[C/T]		INTERGENIC	
*Ca_Desig_SNP289	scaffold02772	103337	[C/T]		INTERGENIC	
*Ca_Desig_SNP290	Ca_Desig_LG01	2418752	[A/T]	Ca_00256	INTRON	Pentatricopeptide repeat-containing protein At2g32230, mitochondrial
*Ca_Desig_SNP291	scaffold01128	204	[G/C]		INTERGENIC	
*Ca_Desig_SNP292	Ca_Desig_LG02	4238266	[A/C]	Ca_01341	SYNONYMOUS_CODING	Importin-9
*Ca_Desig_SNP293	scaffold01947	36319	[C/T]	Ca_10410	INTRON	G-type lectin S-receptor-like serine/threonine-protein kinase At4g27290
*Ca_Desig_SNP294	scaffold04802	14584	[C/G]		INTERGENIC	
*Ca_Desig_SNP295	scaffold01045	150	[C/T]		INTERGENIC	
*Ca_Desig_SNP296	scaffold01106	74	[A/G]		INTERGENIC	
*Ca_Desig_SNP297	scaffold02472	28392	[A/G]		INTERGENIC	
*Ca_Desig_SNP298	Ca_Desig_LG01	5014318	[G/T]	Ca_00415	INTRON	Unknown expressed protein
*Ca_Desig_SNP299	scaffold02090	22360	[A/C]		INTERGENIC	
*Ca_Desig_SNP300	scaffold01652	10770	[A/G]		INTERGENIC	
*Ca_Desig_SNP301	scaffold02462	68716	[A/C]		INTERGENIC	
*Ca_Desig_SNP302	Ca_Desig_LG01	5094752	[A/G]		INTERGENIC	
*Ca_Desig_SNP303	scaffold03463	25074	[A/C]	Ca_10545	INTRON	Acylamino-acid-releasing enzyme
*Ca_Desig_SNP304	scaffold01060	74599	[T/G]		INTERGENIC	
*Ca_Desig_SNP305	scaffold02958	30081	[C/T]	Ca_09707	DOWNSTREAM:149bases	Probable disease resistance protein At1g61180
*Ca_Desig_SNP306	Ca_Desig_LG01	2418521	[G/A]	Ca_00256	SYNONYMOUS_CODING	Pentatricopeptide repeat-containing protein At2g32230, mitochondrial
*Ca_Desig_SNP307	scaffold00876	6625	[A/G]		INTERGENIC	
*Ca_Desig_SNP308	scaffold06937	32435	[G/C]		INTERGENIC	
*Ca_Desig_SNP309	scaffold01085	53	[G/T]		INTERGENIC	
*Ca_Desig_SNP310	scaffold00977	34923	[T/C]	Ca_09139	INTRON	Probable LRR receptor-like serine/threonine-protein kinase At3g47570
*Ca_Desig_SNP311	Ca_Desig_LG01	2249232	[A/G]	Ca_00232	DOWNSTREAM:742bases	Eukaryotic translation initiation factor 3 subunit D

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP312	scaffold00876	10377	[T/C]		INTERGENIC	
*Ca_Desig_SNP313	scaffold00364	2466	[C/T]		INTERGENIC	
*Ca_Desig_SNP314	scaffold00259	28518	[A/G]		INTERGENIC	
*Ca_Desig_SNP315	Ca_Desig_LG01	2410385	[T/C]		INTERGENIC	
*Ca_Desig_SNP316	scaffold00876	876	[A/G]		INTERGENIC	
*Ca_Desig_SNP317	Ca_Desig_LG01	2436035	[T/C]	Ca_00257	INTRON	sensitive to freezing 6
*Ca_Desig_SNP318	scaffold01652	58176	[T/C]		INTERGENIC	
*Ca_Desig_SNP319	Ca_Desig_LG01	5004855	[C/A]	Ca_00414	INTRON	Transcriptional adapter ADA2b
*Ca_Desig_SNP320	Ca_Desig_LG02	5273243	[T/C]		INTERGENIC	
*Ca_Desig_SNP321	scaffold00876	6635	[T/C]		INTERGENIC	
*Ca_Desig_SNP322	scaffold02472	49463	[T/G]		INTERGENIC	
*Ca_Desig_SNP323	scaffold16818	15272	[T/G]		INTERGENIC	
*Ca_Desig_SNP324	scaffold00840	2342	[G/A]	Ca_14241	INTRON	ABC transporter B family member 9
*Ca_Desig_SNP325	scaffold01042	705	[A/G]		INTERGENIC	
*Ca_Desig_SNP326	scaffold00788	3488	[T/C]		INTERGENIC	
*Ca_Desig_SNP327	scaffold02022	81366	[G/A]		INTERGENIC	
*Ca_Desig_SNP328	scaffold00636	8970	[A/G]		INTERGENIC	
*Ca_Desig_SNP329	scaffold01652	117972	[A/G]		INTERGENIC	
*Ca_Desig_SNP330	Ca_Desig_LG01	2417996	[C/T]	Ca_00256	SYNONYMOUS_CODING	Pentatricopeptide repeat-containing protein At2g32230, mitochondrial
*Ca_Desig_SNP331	scaffold00927	1411	[T/C]		INTERGENIC	
*Ca_Desig_SNP332	scaffold00371	5372	[T/C]		INTERGENIC	
*Ca_Desig_SNP333	scaffold14943	478	[C/T]		INTERGENIC	
*Ca_Desig_SNP334	scaffold03726	45602	[A/T]		INTERGENIC	
*Ca_Desig_SNP335	scaffold01413	63877	[G/A]		INTERGENIC	
*Ca_Desig_SNP336	scaffold00612	54981	[T/C]		INTERGENIC	
*Ca_Desig_SNP337	scaffold02130	148600	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP338	Ca_Desig_LG01	2349688	[A/C]		INTERGENIC	
*Ca_Desig_SNP339	scaffold01652	120278	[C/T]		INTERGENIC	
*Ca_Desig_SNP340	scaffold00861	2033	[C/T]		INTERGENIC	
*Ca_Desig_SNP341	Ca_Desig_LG01	7632274	[G/T]	Ca_00599	INTRON	Myb family transcription factor APL
*Ca_Desig_SNP342	scaffold01652	10938	[A/G]		INTERGENIC	
*Ca_Desig_SNP343	Ca_Desig_LG08	357399	[T/G]	Ca_08007	SYNONYMOUS_CODING	UPF0420 protein C16orf58 homolog
*Ca_Desig_SNP344	scaffold01652	8626	[T/C]		INTERGENIC	
*Ca_Desig_SNP345	Ca_Desig_LG03	15332593	[A/G]	Ca_03190	SYNONYMOUS_CODING	Probable F-box protein At4g22030
*Ca_Desig_SNP346	scaffold04802	21891	[A/G]		INTERGENIC	
*Ca_Desig_SNP347	scaffold01652	12677	[C/A]		INTERGENIC	
*Ca_Desig_SNP348	scaffold00761	3541	[A/G]		INTERGENIC	
*Ca_Desig_SNP349	Ca_Desig_LG01	5061066	[A/T]		INTERGENIC	
*Ca_Desig_SNP350	Ca_Desig_LG04	21896088	[G/T]	Ca_05217	INTRON	Coatomer subunit delta
*Ca_Desig_SNP351	scaffold00500	36625	[T/G]		INTERGENIC	
*Ca_Desig_SNP352	scaffold00876	6634	[A/G]		INTERGENIC	
*Ca_Desig_SNP353	scaffold00763	1610	[T/C]		INTERGENIC	
*Ca_Desig_SNP354	Ca_Desig_LG01	2320790	[C/T]	Ca_00238	SYNONYMOUS_CODING	Probable ubiquitin-conjugating enzyme E2 24
*Ca_Desig_SNP355	scaffold00879	1749	[T/C]		INTERGENIC	
*Ca_Desig_SNP356	Ca_Desig_LG07	2705542	[A/C]	Ca_07558	NON_SYNONYMOUS_CODING	L-type lectin-domain containing receptor kinase S.1
*Ca_Desig_SNP357	scaffold01159	162	[A/G]		INTERGENIC	
*Ca_Desig_SNP358	scaffold02472	36997	[A/C]		INTERGENIC	
*Ca_Desig_SNP359	scaffold01947	26164	[A/G]	Ca_10410	INTRON	G-type lectin S-receptor-like serine/threonine-protein kinase At4g27290
*Ca_Desig_SNP360	scaffold02472	38022	[C/T]		INTERGENIC	
*Ca_Desig_SNP361	scaffold00893	1579	[A/G]	Ca_14399	INTRON	Tripeptidyl-peptidase 2
*Ca_Desig_SNP362	scaffold00073	28061	[G/A]	Ca_10650	INTRON	Meiotic nuclear division protein 1 homolog
*Ca_Desig_SNP363	scaffold00555	9058	[T/C]	Ca_13161	INTRON	YrdC domain-containing protein, mitochondrial

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP364	Ca_Desig_LG02	2124915	[C/A]	Ca_01184	NON_SYNONYMOUS_CODING	LOB domain-containing protein 41
*Ca_Desig_SNP365	scaffold01183	75744	[T/A]		INTERGENIC	
*Ca_Desig_SNP366	scaffold00351	14365	[C/T]		INTERGENIC	
*Ca_Desig_SNP367	scaffold00731	2753	[A/G]	Ca_13836	DOWNSTREAM:1971bases	Protein KIAA0664 homolog
*Ca_Desig_SNP368	scaffold01151	92	[G/A]		INTERGENIC	
*Ca_Desig_SNP369	scaffold00848	692	[G/C]		INTERGENIC	
*Ca_Desig_SNP370	scaffold00771	2497	[A/G]		INTERGENIC	
*Ca_Desig_SNP371	Ca_Desig_LG02	15677611	[A/C]	Ca_02055	NON_SYNONYMOUS_CODING	U-box domain-containing protein 11
*Ca_Desig_SNP372	scaffold01924	56240	[C/T]		INTERGENIC	
*Ca_Desig_SNP373	scaffold02472	28086	[C/T]		INTERGENIC	
*Ca_Desig_SNP374	scaffold03127	6940	[A/C]		INTERGENIC	
*Ca_Desig_SNP375	scaffold00937	284063	[T/G]		INTERGENIC	
*Ca_Desig_SNP376	scaffold00664	7982	[T/C]		INTERGENIC	
*Ca_Desig_SNP377	scaffold00620	545	[C/T]		INTERGENIC	
*Ca_Desig_SNP378	scaffold00559	13831	[G/A]		INTERGENIC	
*Ca_Desig_SNP379	scaffold00872	1397	[T/G]		INTERGENIC	
*Ca_Desig_SNP380	scaffold00555	9200	[G/A]	Ca_13161	INTRON	YrdC domain-containing protein, mitochondrial
*Ca_Desig_SNP381	scaffold00884	655	[A/G]		INTERGENIC	
*Ca_Desig_SNP382	scaffold00775	2404	[A/G]	Ca_13986	DOWNSTREAM:1007bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP383	scaffold00742	1317	[T/G]		INTERGENIC	
*Ca_Desig_SNP384	scaffold00769	287	[A/C]		INTERGENIC	
*Ca_Desig_SNP385	scaffold00681	4158	[T/C]	Ca_13677	DOWNSTREAM:915bases	Probable polygalacturonase non-catalytic subunit JP650
*Ca_Desig_SNP386	scaffold00804	1854	[T/C]		INTERGENIC	
*Ca_Desig_SNP387	Ca_Desig_LG07	1634727	[T/C]	Ca_07491	INTRON	Transcription factor MYB1R1
*Ca_Desig_SNP388	scaffold00779	2250	[T/C]		INTERGENIC	
*Ca_Desig_SNP389	scaffold00055	41105	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP390	scaffold03874	141268	[T/C]		INTERGENIC	
*Ca_Desig_SNP391	scaffold00741	922	[A/G]		INTERGENIC	
*Ca_Desig_SNP392	scaffold00998	221647	[C/A]		INTERGENIC	
*Ca_Desig_SNP393	Ca_Desig_LG04	367808	[A/C]		INTERGENIC	
*Ca_Desig_SNP394	Ca_Desig_LG06	5947020	[T/G]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP395	scaffold00402	10450	[A/G]	Ca_12478	INTRON	L-ascorbate oxidase homolog
*Ca_Desig_SNP396	Ca_Desig_LG01	7632356	[C/T]	Ca_00599	INTRON	Myb family transcription factor APL
*Ca_Desig_SNP397	Ca_Desig_LG01	9028906	[T/A]	Ca_00679	INTRON	Tat-binding homolog 7
*Ca_Desig_SNP398	Ca_Desig_LG01	5056212	[C/T]		INTERGENIC	
*Ca_Desig_SNP399	scaffold00854	369	[G/A]		INTERGENIC	
*Ca_Desig_SNP400	scaffold00351	14233	[T/C]		INTERGENIC	
*Ca_Desig_SNP401	scaffold13621	156809	[C/A]		INTERGENIC	
*Ca_Desig_SNP402	scaffold02472	52526	[C/A]	Ca_09691	DOWNSTREAM:1756bases	Heavy metal transport/detoxification superfamily protein
*Ca_Desig_SNP403	Ca_Desig_LG05	5495917	[A/G]	Ca_05645	SYNONYMOUS_CODING	Ubiquitin carboxyl-terminal hydrolase 16
*Ca_Desig_SNP404	scaffold01034	693	[A/G]		INTERGENIC	
*Ca_Desig_SNP405	scaffold00876	16428	[T/C]		INTERGENIC	
*Ca_Desig_SNP406	Ca_Desig_LG05	2340835	[T/C]		INTERGENIC	
*Ca_Desig_SNP407	scaffold01924	56292	[C/G]		INTERGENIC	
*Ca_Desig_SNP408	Ca_Desig_LG07	3136837	[T/G]		INTERGENIC	
*Ca_Desig_SNP409	Ca_Desig_LG08	6224399	[T/G]		INTERGENIC	
*Ca_Desig_SNP410	Ca_Desig_LG07	8369436	[T/G]		INTERGENIC	
*Ca_Desig_SNP411	scaffold02301	65888	[T/A]		INTERGENIC	
*Ca_Desig_SNP412	Ca_Desig_LG01	5807567	[C/G]	Ca_00500	INTRON	Vacuolar protein sorting-associated protein 53 homolog
*Ca_Desig_SNP413	Ca_Desig_LG03	23235399	[A/G]	Ca_03869	SYNONYMOUS_CODING	Zinc finger (C3HC4-type RING finger) family protein
*Ca_Desig_SNP414	scaffold13621	156834	[C/A]		INTERGENIC	
*Ca_Desig_SNP415	scaffold00804	721	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP416	scaffold00582	6410	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP417	scaffold00788	3363	[T/C]		INTERGENIC	
*Ca_Desig_SNP418	scaffold00735	3716	[A/G]	Ca_13852	DOWNSTREAM:730bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP419	scaffold01450	60173	[A/C]	Ca_10261	INTRON	Sucrose transport protein SUC3
*Ca_Desig_SNP420	scaffold00582	5078	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP421	Ca_Desig_LG01	5059365	[C/A]		INTERGENIC	
*Ca_Desig_SNP422	Ca_Desig_LG02	2124931	[T/C]	Ca_01184	SYNONYMOUS_CODING	LOB domain-containing protein 41
*Ca_Desig_SNP423	scaffold01167	54	[A/T]		INTERGENIC	
*Ca_Desig_SNP424	scaffold00771	2491	[A/G]		INTERGENIC	
*Ca_Desig_SNP425	scaffold00622	8539	[T/G]	Ca_13456	START_GAINED	Late embryogenesis abundant protein 76
*Ca_Desig_SNP426	scaffold00933	792	[C/T]		INTERGENIC	
*Ca_Desig_SNP427	Ca_Desig_LG04	256283	[T/C]	Ca_03901	SYNONYMOUS_CODING	Auxin response factor 5
*Ca_Desig_SNP428	scaffold01947	38150	[C/G]	Ca_10410	INTRON	G-type lectin S-receptor-like serine/threonine-protein kinase At4g27290
*Ca_Desig_SNP429	scaffold00740	1961	[T/A]		INTERGENIC	
*Ca_Desig_SNP430	scaffold00197	24455	[G/C]		INTERGENIC	
*Ca_Desig_SNP431	Ca_Desig_LG02	8436239	[C/A]	Ca_01669	INTRON	Probable NOT transcription complex subunit VIP2 (Fragment)
*Ca_Desig_SNP432	scaffold01473	23835	[A/G]		INTERGENIC	
*Ca_Desig_SNP433	scaffold00852	1083	[T/C]	Ca_14286	NON_SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP434	scaffold00721	54443	[A/G]		INTERGENIC	
*Ca_Desig_SNP435	scaffold00795	3508	[T/G]		INTERGENIC	
*Ca_Desig_SNP436	scaffold02138	54260	[T/C]		INTERGENIC	
*Ca_Desig_SNP437	scaffold00646	4969	[A/G]		INTERGENIC	
*Ca_Desig_SNP438	Ca_Desig_LG04	7601426	[G/T]		INTERGENIC	
*Ca_Desig_SNP439	scaffold00771	2507	[A/G]		INTERGENIC	
*Ca_Desig_SNP440	Ca_Desig_LG01	11569811	[A/C]		INTERGENIC	
*Ca_Desig_SNP441	scaffold00207	19262	[T/A]	Ca_11357	STOP_GAINED	Chloroplastic group IIA intron splicing facilitator CRS1, chloroplastic



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP442	scaffold02308	12026	[T/G]	Ca_10480	DOWNSTREAM:1333bases	Metal tolerance protein 5
*Ca_Desig_SNP443	scaffold00119	38220	[A/G]		INTERGENIC	
*Ca_Desig_SNP444	scaffold00664	7906	[T/A]		INTERGENIC	
*Ca_Desig_SNP445	scaffold00876	808	[A/G]		INTERGENIC	
*Ca_Desig_SNP446	scaffold01585	16074	[A/T]		INTERGENIC	
*Ca_Desig_SNP447	scaffold00876	5368	[T/C]		INTERGENIC	
*Ca_Desig_SNP448	scaffold01947	36488	[A/G]	Ca_10410	INTRON	G-type lectin S-receptor-like serine/threonine-protein kinase At4g27290
*Ca_Desig_SNP449	scaffold00866	1065	[T/C]	Ca_14324	DOWNSTREAM:264bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP450	scaffold00370	3402	[A/G]		INTERGENIC	
*Ca_Desig_SNP451	scaffold01110	95	[G/T]		INTERGENIC	
*Ca_Desig_SNP452	Ca_Desig_LG01	8973166	[T/C]		INTERGENIC	
*Ca_Desig_SNP453	scaffold00876	5305	[A/G]		INTERGENIC	
*Ca_Desig_SNP454	scaffold00822	1556	[G/T]	Ca_14178	INTRON	Photosystem II 10 kDa polypeptide, chloroplastic
*Ca_Desig_SNP455	scaffold00185	22712	[A/T]		INTERGENIC	
*Ca_Desig_SNP456	scaffold00876	5629	[A/G]		INTERGENIC	
*Ca_Desig_SNP457	scaffold00977	10250	[C/T]		INTERGENIC	
*Ca_Desig_SNP458	scaffold00678	5381	[A/G]		INTERGENIC	
*Ca_Desig_SNP459	Ca_Desig_LG05	15284613	[A/C]		INTERGENIC	
*Ca_Desig_SNP460	Ca_Desig_LG05	10598523	[A/C]	Ca_06114	DOWNSTREAM:274bases	Mediator of RNA polymerase II transcription subunit 13 homolog
*Ca_Desig_SNP461	scaffold00635	2260	[T/C]		INTERGENIC	
*Ca_Desig_SNP462	scaffold01058	109	[G/A]		INTERGENIC	
*Ca_Desig_SNP463	scaffold02472	35868	[A/T]		INTERGENIC	
*Ca_Desig_SNP464	Ca_Desig_LG01	7606933	[C/T]	Ca_00598	SYNONYMOUS_CODING	Protein of unknown function (DUF620)
*Ca_Desig_SNP465	scaffold00212	151712	[T/G]	Ca_08884	INTRON	zinc ion binding
*Ca_Desig_SNP466	scaffold00582	5205	[G/T]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP467	Ca_Desig_LG02	15488573	[A/C]	Ca_02040	INTRON	SEC12-like protein 2

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP468	scaffold00341	6093	[G/T]		INTERGENIC	
*Ca_Desig_SNP469	scaffold00852	741	[T/C]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP470	scaffold00381	5634	[C/T]		INTERGENIC	
*Ca_Desig_SNP471	Ca_Desig_LG01	3425903	[T/G]	Ca_00351	DOWNSTREAM:975bases	26S proteasome non-ATPase regulatory subunit 14
*Ca_Desig_SNP472	scaffold00725	4443	[G/T]		INTERGENIC	
*Ca_Desig_SNP473	scaffold00355	6729	[A/C]	Ca_12259	INTRON	Protein LURP-one-related 7
*Ca_Desig_SNP474	scaffold00812	1972	[A/G]		INTERGENIC	
*Ca_Desig_SNP475	scaffold00467	15813	[G/A]	Ca_12738	NON_SYNONYMOUS_CODING	Adenylyl-sulfate kinase 1, chloroplastic
*Ca_Desig_SNP476	scaffold00419	15619	[A/C]		INTERGENIC	
*Ca_Desig_SNP477	Ca_Desig_LG06	9245293	[T/G]	Ca_07158	SYNONYMOUS_CODING	3-oxoacyl-[acyl-carrier-protein] synthase I, chloroplastic
*Ca_Desig_SNP478	scaffold00928	1233	[T/C]		INTERGENIC	
*Ca_Desig_SNP479	scaffold00876	10368	[T/C]		INTERGENIC	
*Ca_Desig_SNP480	Ca_Desig_LG01	7606885	[C/G]	Ca_00598	SYNONYMOUS_CODING	Protein of unknown function (DUF620)
*Ca_Desig_SNP481	scaffold01690	43921	[T/C]		INTERGENIC	
*Ca_Desig_SNP482	scaffold01450	60176	[G/T]	Ca_10261	INTRON	Sucrose transport protein SUC3
*Ca_Desig_SNP483	scaffold00879	1746	[T/C]		INTERGENIC	
*Ca_Desig_SNP484	scaffold00745	3741	[C/T]		INTERGENIC	
*Ca_Desig_SNP485	scaffold00449	27496	[A/G]	Ca_12679	INTRON	Subtilisin-like protease
*Ca_Desig_SNP486	Ca_Desig_LG07	4370420	[A/C]	Ca_07661	INTRON	Putative uncharacterized protein
*Ca_Desig_SNP487	scaffold00876	6651	[T/C]		INTERGENIC	
*Ca_Desig_SNP488	scaffold00205	3064	[T/C]		INTERGENIC	
*Ca_Desig_SNP489	scaffold02472	37051	[G/A]		INTERGENIC	
*Ca_Desig_SNP490	scaffold00735	2853	[A/G]	Ca_13852	DOWNSTREAM:1593bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP491	scaffold00691	4581	[T/C]		INTERGENIC	
*Ca_Desig_SNP492	scaffold00853	927	[G/C]		INTERGENIC	
*Ca_Desig_SNP493	scaffold00576	1886	[T/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP494	scaffold01262	175256	[A/G]		INTERGENIC	
*Ca_Desig_SNP495	scaffold00216	80667	[A/C]		INTERGENIC	
*Ca_Desig_SNP496	scaffold00952	509	[A/G]		INTERGENIC	
*Ca_Desig_SNP497	scaffold00860	936	[G/A]		INTERGENIC	
*Ca_Desig_SNP498	scaffold00771	2517	[T/C]		INTERGENIC	
*Ca_Desig_SNP499	scaffold00216	63214	[A/T]	Ca_08907	DOWNSTREAM:1987bases	Pentatricopeptide repeat-containing protein At1g76280
*Ca_Desig_SNP500	scaffold00741	766	[A/G]		INTERGENIC	
*Ca_Desig_SNP501	Ca_Desig_LG05	11733909	[A/C]	Ca_06215	UTR_3_PRIME:899bases	D111/G-patch domain-containing protein
*Ca_Desig_SNP502	scaffold00851	366	[C/T]		INTERGENIC	
*Ca_Desig_SNP503	scaffold00804	1935	[T/C]		INTERGENIC	
*Ca_Desig_SNP504	scaffold00289	12927	[A/G]		INTERGENIC	
*Ca_Desig_SNP505	scaffold00741	811	[A/G]		INTERGENIC	
*Ca_Desig_SNP506	scaffold00884	668	[A/G]		INTERGENIC	
*Ca_Desig_SNP507	scaffold00789	2320	[T/C]		INTERGENIC	
*Ca_Desig_SNP508	scaffold00451	8431	[T/C]		INTERGENIC	
*Ca_Desig_SNP509	scaffold04453	148438	[T/A]		INTERGENIC	
*Ca_Desig_SNP510	Ca_Desig_LG06	10304722	[C/A]	Ca_07271	DOWNSTREAM:1374bases	Stem-specific protein TSJT1
*Ca_Desig_SNP511	scaffold00725	4442	[T/C]		INTERGENIC	
*Ca_Desig_SNP512	scaffold00824	2782	[T/C]		INTERGENIC	
*Ca_Desig_SNP513	scaffold01652	118021	[C/T]		INTERGENIC	
*Ca_Desig_SNP514	scaffold00382	35677	[A/G]	Ca_12380	NON_SYNONYMOUS_CODING	Probable leucine-rich repeat receptor-like serine/threonine-protein kinase At3g14841
*Ca_Desig_SNP515	scaffold00582	4798	[A/G]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP516	scaffold00991	215338	[A/C]		INTERGENIC	
*Ca_Desig_SNP517	scaffold00779	2361	[A/C]		INTERGENIC	
*Ca_Desig_SNP518	scaffold03298	16170	[A/T]		INTERGENIC	
*Ca_Desig_SNP519	scaffold00691	4826	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP520	scaffold05583	116128	[T/G]		INTERGENIC	
*Ca_Desig_SNP521	scaffold00702	6540	[A/G]		INTERGENIC	
*Ca_Desig_SNP522	scaffold00262	3126	[A/T]		INTERGENIC	
*Ca_Desig_SNP523	scaffold00854	364	[T/C]		INTERGENIC	
*Ca_Desig_SNP524	scaffold00824	2563	[A/T]		INTERGENIC	
*Ca_Desig_SNP525	scaffold00876	5632	[A/G]		INTERGENIC	
*Ca_Desig_SNP526	scaffold00582	5167	[A/G]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP527	scaffold00824	1866	[T/C]		INTERGENIC	
*Ca_Desig_SNP528	scaffold00876	5301	[T/C]		INTERGENIC	
*Ca_Desig_SNP529	scaffold01652	101890	[T/C]		INTERGENIC	
*Ca_Desig_SNP530	scaffold00262	40688	[G/C]	Ca_11638	INTRON	Something about silencing protein 10
*Ca_Desig_SNP531	scaffold00730	511	[G/A]	Ca_13832	DOWNSTREAM:1633bases	--
*Ca_Desig_SNP532	scaffold00691	4591	[T/C]		INTERGENIC	
*Ca_Desig_SNP533	scaffold01668	84908	[A/G]		INTERGENIC	
*Ca_Desig_SNP534	scaffold01985	111346	[A/C]		INTERGENIC	
*Ca_Desig_SNP535	scaffold00995	68490	[T/G]		INTERGENIC	
*Ca_Desig_SNP536	scaffold00571	10906	[G/A]		INTERGENIC	
*Ca_Desig_SNP537	scaffold01138	32401	[A/C]		INTERGENIC	
*Ca_Desig_SNP538	scaffold00771	2522	[A/G]		INTERGENIC	
*Ca_Desig_SNP539	scaffold13918	29943	[T/G]		INTERGENIC	
*Ca_Desig_SNP540	scaffold00126	10469	[G/T]		INTERGENIC	
*Ca_Desig_SNP541	Ca_Desig_LG01	780903	[T/G]	Ca_00063	NON_SYNONYMOUS_CODING	Protein SUPPRESSOR OF GENE SILENCING 3
*Ca_Desig_SNP542	scaffold00105	845	[A/C]		INTERGENIC	
*Ca_Desig_SNP543	scaffold00777	3454	[T/A]		INTERGENIC	
*Ca_Desig_SNP544	scaffold00995	115493	[A/C]		INTERGENIC	
*Ca_Desig_SNP545	scaffold00789	2353	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP546	scaffold00579	11899	[T/G]		INTERGENIC	
*Ca_Desig_SNP547	scaffold00698	1331	[T/C]		INTERGENIC	
*Ca_Desig_SNP548	scaffold01208	184244	[T/C]		INTERGENIC	
*Ca_Desig_SNP549	scaffold04453	258704	[T/C]		INTERGENIC	
*Ca_Desig_SNP550	scaffold00744	3338	[G/A]		INTERGENIC	
*Ca_Desig_SNP551	scaffold00643	115543	[T/G]	Ca_09510	UPSTREAM:694bases	--
*Ca_Desig_SNP552	scaffold00105	843	[C/A]		INTERGENIC	
*Ca_Desig_SNP553	scaffold01428	175786	[T/G]		INTERGENIC	
*Ca_Desig_SNP554	Ca_Desig_LG05	1498889	[A/T]	Ca_05316	DOWNSTREAM:1889bases	HMG1/2-like protein
*Ca_Desig_SNP555	Ca_Desig_LG04	22035742	[G/A]		INTERGENIC	
*Ca_Desig_SNP556	scaffold00876	5373	[T/C]		INTERGENIC	
*Ca_Desig_SNP557	scaffold01165	148990	[G/A]		INTERGENIC	
*Ca_Desig_SNP558	scaffold00646	4933	[A/G]		INTERGENIC	
*Ca_Desig_SNP559	Ca_Desig_LG03	23032363	[A/G]		INTERGENIC	
*Ca_Desig_SNP560	scaffold01652	12335	[A/T]		INTERGENIC	
*Ca_Desig_SNP561	scaffold04411	47403	[A/C]		INTERGENIC	
*Ca_Desig_SNP562	scaffold00675	179500	[T/G]		INTERGENIC	
*Ca_Desig_SNP563	scaffold01566	23334	[A/C]		INTERGENIC	
*Ca_Desig_SNP564	Ca_Desig_LG02	2955638	[T/C]		INTERGENIC	
*Ca_Desig_SNP565	scaffold00788	3483	[T/C]		INTERGENIC	
*Ca_Desig_SNP566	scaffold09553	141043	[C/A]		INTERGENIC	
*Ca_Desig_SNP567	scaffold01134	52	[C/T]		INTERGENIC	
*Ca_Desig_SNP568	scaffold00971	147	[G/C]		INTERGENIC	
*Ca_Desig_SNP569	scaffold01652	12431	[G/A]		INTERGENIC	
*Ca_Desig_SNP570	Ca_Desig_LG05	7932510	[C/G]	Ca_05881	DOWNSTREAM:49bases	Protein terminal ear1
*Ca_Desig_SNP571	scaffold00546	3148	[A/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP572	scaffold01099	284	[A/G]		INTERGENIC	
*Ca_Desig_SNP573	scaffold01042	734	[A/G]		INTERGENIC	
*Ca_Desig_SNP574	scaffold00735	2823	[A/G]	Ca_13852	DOWNSTREAM:1623bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP575	scaffold00775	2356	[A/G]	Ca_13986	DOWNSTREAM:959bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP576	Ca_Desig_LG01	5854373	[C/T]		INTERGENIC	
*Ca_Desig_SNP577	scaffold00686	3633	[T/C]		INTERGENIC	
*Ca_Desig_SNP578	Ca_Desig_LG06	7789032	[G/T]	Ca_07063	STOP_GAINED	Probable adenylate kinase isoenzyme 6
*Ca_Desig_SNP579	scaffold00307	37008	[G/A]		INTERGENIC	
*Ca_Desig_SNP580	scaffold00866	903	[T/C]	Ca_14324	DOWNSTREAM:426bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP581	scaffold04461	37539	[A/C]		INTERGENIC	
*Ca_Desig_SNP582	scaffold02138	55947	[T/C]		INTERGENIC	
*Ca_Desig_SNP583	scaffold00731	2755	[A/G]	Ca_13836	DOWNSTREAM:1969bases	Protein KIAA0664 homolog
*Ca_Desig_SNP584	scaffold11144	108821	[A/C]		INTERGENIC	
*Ca_Desig_SNP585	scaffold01159	174	[A/G]		INTERGENIC	
*Ca_Desig_SNP586	Ca_Desig_LG03	22992410	[G/A]	Ca_03845	SYNONYMOUS_CODING	Kinase interacting (KIP1-like) family protein
*Ca_Desig_SNP587	scaffold09348	6426	[T/A]		INTERGENIC	
*Ca_Desig_SNP588	scaffold01106	44	[A/G]		INTERGENIC	
*Ca_Desig_SNP589	scaffold01281	92050	[T/C]		INTERGENIC	
*Ca_Desig_SNP590	scaffold00824	1903	[T/C]		INTERGENIC	
*Ca_Desig_SNP591	scaffold00779	1694	[T/C]		INTERGENIC	
*Ca_Desig_SNP592	scaffold00692	28728	[T/G]	Ca_09609	SYNONYMOUS_CODING	Glycerol-3-phosphate acyltransferase 3
*Ca_Desig_SNP593	scaffold01232	186531	[A/C]		INTERGENIC	
*Ca_Desig_SNP594	scaffold01103	116	[C/T]		INTERGENIC	
*Ca_Desig_SNP595	scaffold02276	82183	[T/G]		INTERGENIC	
*Ca_Desig_SNP596	scaffold01428	148278	[T/C]		INTERGENIC	
*Ca_Desig_SNP597	scaffold04453	258764	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP598	scaffold04453	258679	[A/G]		INTERGENIC	
*Ca_Desig_SNP599	scaffold00686	1695	[A/G]		INTERGENIC	
*Ca_Desig_SNP600	scaffold00879	1741	[A/G]		INTERGENIC	
*Ca_Desig_SNP601	scaffold00518	5214	[G/A]		INTERGENIC	
*Ca_Desig_SNP602	scaffold01138	158193	[T/C]		INTERGENIC	
*Ca_Desig_SNP603	scaffold00789	2475	[T/C]		INTERGENIC	
*Ca_Desig_SNP604	scaffold02376	61034	[T/G]		INTERGENIC	
*Ca_Desig_SNP605	scaffold01099	307	[A/T]		INTERGENIC	
*Ca_Desig_SNP606	Ca_Desig_LG02	12729864	[A/G]		INTERGENIC	
*Ca_Desig_SNP607	scaffold01162	112106	[T/A]		INTERGENIC	
*Ca_Desig_SNP608	scaffold01652	118439	[C/T]		INTERGENIC	
*Ca_Desig_SNP609	scaffold00876	6652	[A/G]		INTERGENIC	
*Ca_Desig_SNP610	scaffold00761	3540	[A/G]		INTERGENIC	
*Ca_Desig_SNP611	scaffold00804	743	[T/C]		INTERGENIC	
*Ca_Desig_SNP612	Ca_Desig_LG05	558133	[T/G]	Ca_05271	NON_SYNONYMOUS_CODING	RNA polymerase sigma factor rpoD
*Ca_Desig_SNP613	scaffold00582	5183	[A/G]	Ca_13279	SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP614	scaffold00775	2386	[T/C]	Ca_13986	DOWNSTREAM:989bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP615	scaffold00768	3115	[A/G]		INTERGENIC	
*Ca_Desig_SNP616	Ca_Desig_LG04	11407191	[T/G]		INTERGENIC	
*Ca_Desig_SNP617	scaffold02206	96041	[T/G]		INTERGENIC	
*Ca_Desig_SNP618	scaffold00741	812	[A/G]		INTERGENIC	
*Ca_Desig_SNP619	scaffold00514	72994	[G/A]	Ca_09347	INTRON	Zinc finger CCCH domain-containing protein 12
*Ca_Desig_SNP620	scaffold00884	1463	[A/G]		INTERGENIC	
*Ca_Desig_SNP621	scaffold00570	14132	[G/T]		INTERGENIC	
*Ca_Desig_SNP622	scaffold00407	31683	[C/T]	Ca_12494	DOWNSTREAM:1832bases	NAC domain-containing protein 74
*Ca_Desig_SNP623	scaffold01944	47246	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP624	Ca_Desig_LG05	9252450	[A/C]	Ca_06016	NON_SYNONYMOUS_CODING	Uncharacterized protein sll1770
*Ca_Desig_SNP625	scaffold00768	3099	[T/C]		INTERGENIC	
*Ca_Desig_SNP626	scaffold01106	60	[A/G]		INTERGENIC	
*Ca_Desig_SNP627	scaffold02276	82142	[T/G]		INTERGENIC	
*Ca_Desig_SNP628	scaffold00876	822	[A/G]		INTERGENIC	
*Ca_Desig_SNP629	scaffold01042	707	[A/G]		INTERGENIC	
*Ca_Desig_SNP630	scaffold03349	1779	[A/C]		INTERGENIC	
*Ca_Desig_SNP631	scaffold02206	95933	[G/A]		INTERGENIC	
*Ca_Desig_SNP632	scaffold00789	2126	[T/G]		INTERGENIC	
*Ca_Desig_SNP633	scaffold00876	5635	[A/G]		INTERGENIC	
*Ca_Desig_SNP634	scaffold00933	801	[C/T]		INTERGENIC	
*Ca_Desig_SNP635	scaffold00343	35896	[A/C]		INTERGENIC	
*Ca_Desig_SNP636	scaffold02974	61041	[G/A]		INTERGENIC	
*Ca_Desig_SNP637	Ca_Desig_LG05	11160666	[T/G]		INTERGENIC	
*Ca_Desig_SNP638	scaffold00262	3186	[G/A]		INTERGENIC	
*Ca_Desig_SNP639	scaffold00836	1078	[A/C]		INTERGENIC	
*Ca_Desig_SNP640	scaffold00582	6413	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP641	scaffold00582	6356	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP642	scaffold03349	1794	[A/C]		INTERGENIC	
*Ca_Desig_SNP643	Ca_Desig_LG07	1541646	[C/G]	Ca_07484	NON_SYNONYMOUS_CODING	Protein TRANSPARENT TESTA 12
*Ca_Desig_SNP644	scaffold04453	258757	[A/G]		INTERGENIC	
*Ca_Desig_SNP645	scaffold00761	3552	[T/C]		INTERGENIC	
*Ca_Desig_SNP646	scaffold00646	4871	[T/C]		INTERGENIC	
*Ca_Desig_SNP647	scaffold00894	5451	[C/A]		INTERGENIC	
*Ca_Desig_SNP648	scaffold00768	3142	[T/C]		INTERGENIC	
*Ca_Desig_SNP649	Ca_Desig_LG08	8802726	[A/C]		INTERGENIC	



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP650	scaffold00691	498	[T/G]	Ca_13701	SYNONYMOUS_CODING	ABC transporter G family member 1
*Ca_Desig_SNP651	scaffold00646	4876	[A/G]		INTERGENIC	
*Ca_Desig_SNP652	scaffold00262	3014	[G/A]		INTERGENIC	
*Ca_Desig_SNP653	scaffold00824	1790	[A/G]		INTERGENIC	
*Ca_Desig_SNP654	Ca_Desig_LG01	6108144	[A/C]	Ca_00519	INTRON	Probable exocyst complex component 4
*Ca_Desig_SNP655	scaffold00888	379	[T/A]		INTERGENIC	
*Ca_Desig_SNP656	Ca_Desig_LG06	4646393	[A/C]		INTERGENIC	
*Ca_Desig_SNP657	scaffold01105	460	[T/C]		INTERGENIC	
*Ca_Desig_SNP658	scaffold00582	6319	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP659	Ca_Desig_LG08	556338	[T/G]		INTERGENIC	
*Ca_Desig_SNP660	Ca_Desig_LG06	2955308	[T/A]	Ca_06651	INTRON	Galacturonokinase
*Ca_Desig_SNP661	scaffold01385	10460	[T/C]		INTERGENIC	
*Ca_Desig_SNP662	scaffold04586	184734	[G/C]		INTERGENIC	
*Ca_Desig_SNP663	scaffold00644	2643	[A/C]		INTERGENIC	
*Ca_Desig_SNP664	scaffold00582	4806	[A/G]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP665	Ca_Desig_LG08	122422	[T/G]	Ca_07980	SYNONYMOUS_CODING	Calcium-independent phospholipase A2-gamma
*Ca_Desig_SNP666	scaffold00557	10302	[G/A]		INTERGENIC	
*Ca_Desig_SNP667	scaffold00852	1090	[T/C]	Ca_14286	NON_SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP668	scaffold00482	32585	[C/T]	Ca_09274	DOWNSTREAM:637bases	Putative uncharacterized protein
*Ca_Desig_SNP669	scaffold00582	5060	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP670	scaffold03298	77159	[C/T]		INTERGENIC	
*Ca_Desig_SNP671	scaffold00876	6647	[A/G]		INTERGENIC	
*Ca_Desig_SNP672	scaffold00753	4104	[A/G]	Ca_13933	DOWNSTREAM:1754bases	B-block binding subunit of TFIIC
*Ca_Desig_SNP673	scaffold07988	15440	[T/C]		INTERGENIC	
*Ca_Desig_SNP674	scaffold00971	182	[T/C]		INTERGENIC	
*Ca_Desig_SNP675	scaffold00741	821	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP676	scaffold00771	2519	[A/G]		INTERGENIC	
*Ca_Desig_SNP677	scaffold00953	714	[A/G]		INTERGENIC	
*Ca_Desig_SNP678	Ca_Desig_LG03	11783353	[A/G]	Ca_02974	NON_SYNONYMOUS_CODING	REF4-related 1
*Ca_Desig_SNP679	scaffold03298	41429	[A/T]	Ca_10561	UPSTREAM:1766bases	Protein WAX2
*Ca_Desig_SNP680	scaffold01024	98	[C/A]		INTERGENIC	
*Ca_Desig_SNP681	scaffold00582	13922	[A/T]		INTERGENIC	
*Ca_Desig_SNP682	scaffold01159	138	[A/G]		INTERGENIC	
*Ca_Desig_SNP683	scaffold00573	9307	[G/A]		INTERGENIC	
*Ca_Desig_SNP684	scaffold00893	1582	[T/C]	Ca_14399	INTRON	Tripeptidyl-peptidase 2
*Ca_Desig_SNP685	scaffold03298	77083	[G/A]		INTERGENIC	
*Ca_Desig_SNP686	Ca_Desig_LG05	4837608	[A/T]	Ca_05583	NON_SYNONYMOUS_CODING	Puromycin-sensitive aminopeptidase
*Ca_Desig_SNP687	scaffold00571	5144	[C/A]		INTERGENIC	
*Ca_Desig_SNP688	scaffold00761	3589	[A/G]		INTERGENIC	
*Ca_Desig_SNP689	scaffold00933	828	[T/C]		INTERGENIC	
*Ca_Desig_SNP690	Ca_Desig_LG07	1443880	[T/G]	Ca_07476	SYNONYMOUS_CODING	Transcription initiation factor TFIID subunit 12
*Ca_Desig_SNP691	scaffold00079	40384	[T/G]		INTERGENIC	
*Ca_Desig_SNP692	Ca_Desig_LG01	3328510	[A/C]	Ca_00339	SYNONYMOUS_CODING	U-box domain-containing protein 17
*Ca_Desig_SNP693	scaffold02138	54257	[A/C]		INTERGENIC	
*Ca_Desig_SNP694	Ca_Desig_LG03	19877477	[T/G]	Ca_03617	INTRON	Probable zinc protease pqqL
*Ca_Desig_SNP695	Ca_Desig_LG01	13692649	[A/C]	Ca_00980	DOWNSTREAM:1373bases	Methyltransferase-like protein 22
*Ca_Desig_SNP696	scaffold01106	36	[T/C]		INTERGENIC	
*Ca_Desig_SNP697	scaffold01140	59	[C/A]		INTERGENIC	
*Ca_Desig_SNP698	Ca_Desig_LG05	7699233	[T/G]	Ca_05857	NON_SYNONYMOUS_CODING	Trihelix transcription factor GT-1
*Ca_Desig_SNP699	scaffold00888	368	[A/G]		INTERGENIC	
*Ca_Desig_SNP700	scaffold00646	4960	[A/G]		INTERGENIC	
*Ca_Desig_SNP701	scaffold00440	10607	[C/T]	Ca_12645	INTRON	AdoMet-dependent rRNA methyltransferase spb1

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP702	scaffold03999	7396	[T/C]	Ca_10576	INTRON	Putative F-box/FBD/LRR-repeat protein At5g44950
*Ca_Desig_SNP703	scaffold00557	10585	[C/T]		INTERGENIC	
*Ca_Desig_SNP704	Ca_Desig_LG04	11674619	[A/C]		INTERGENIC	
*Ca_Desig_SNP705	Ca_Desig_LG06	9904506	[A/C]		INTERGENIC	
*Ca_Desig_SNP706	scaffold00763	1608	[T/C]		INTERGENIC	
*Ca_Desig_SNP707	scaffold00741	762	[A/G]		INTERGENIC	
*Ca_Desig_SNP708	scaffold00884	658	[A/G]		INTERGENIC	
*Ca_Desig_SNP709	scaffold00686	3663	[T/A]		INTERGENIC	
*Ca_Desig_SNP710	scaffold00828	2676	[G/C]		INTERGENIC	
*Ca_Desig_SNP711	scaffold01950	75310	[C/T]		INTERGENIC	
*Ca_Desig_SNP712	Ca_Desig_LG07	1443877	[A/T]	Ca_07476	SYNONYMOUS_CODING	Transcription initiation factor TFIID subunit 12
*Ca_Desig_SNP713	scaffold01947	42473	[T/C]	Ca_10410	INTRON	G-type lectin S-receptor-like serine/threonine-protein kinase At4g27290
*Ca_Desig_SNP714	scaffold00968	184	[C/A]		INTERGENIC	
*Ca_Desig_SNP715	scaffold05945	10071	[T/G]	Ca_09428	INTRON	unknown protein; BEST Arabidopsis thaliana protein match is: unknown protein (TAIR:AT2G41150.2); Has 128 Blast
*Ca_Desig_SNP716	scaffold03781	31875	[T/G]		INTERGENIC	
*Ca_Desig_SNP717	scaffold00568	197	[T/C]		INTERGENIC	
*Ca_Desig_SNP718	scaffold00383	26397	[A/C]		INTERGENIC	
*Ca_Desig_SNP719	scaffold00888	376	[A/G]		INTERGENIC	
*Ca_Desig_SNP720	scaffold00888	371	[A/G]		INTERGENIC	
*Ca_Desig_SNP721	Ca_Desig_LG01	836842	[T/G]		INTERGENIC	
*Ca_Desig_SNP722	Ca_Desig_LG04	16362424	[T/G]	Ca_04902	SYNONYMOUS_CODING	E3 ubiquitin-protein ligase ATL6
*Ca_Desig_SNP723	scaffold00686	3645	[A/G]		INTERGENIC	
*Ca_Desig_SNP724	scaffold00798	3272	[G/A]		INTERGENIC	
*Ca_Desig_SNP725	scaffold00611	2545	[T/G]		INTERGENIC	
*Ca_Desig_SNP726	Ca_Desig_LG08	10458802	[T/G]	Ca_08739	NON_SYNONYMOUS_CODING	Cell division cycle-associated 7-like protein
*Ca_Desig_SNP727	scaffold03999	7394	[A/C]	Ca_10576	INTRON	Putative F-box/FBD/LRR-repeat protein At5g44950

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP728	Ca_Desig_LG01	845508	[C/T]		INTERGENIC	
*Ca_Desig_SNP729	scaffold00824	1916	[T/C]		INTERGENIC	
*Ca_Desig_SNP730	scaffold00995	68498	[C/T]		INTERGENIC	
*Ca_Desig_SNP731	Ca_Desig_LG03	4016179	[T/C]	Ca_02499	SYNONYMOUS_CODING	Calcium homeostasis endoplasmic reticulum protein
*Ca_Desig_SNP732	scaffold00761	3534	[A/G]		INTERGENIC	
*Ca_Desig_SNP733	Ca_Desig_LG01	872247	[G/A]	Ca_00076	INTRON	Protein FAM135A
*Ca_Desig_SNP734	scaffold00763	1629	[A/T]		INTERGENIC	
*Ca_Desig_SNP735	scaffold00897	910	[T/C]		INTERGENIC	
*Ca_Desig_SNP736	scaffold00779	1037	[A/G]		INTERGENIC	
*Ca_Desig_SNP737	scaffold00741	818	[A/G]		INTERGENIC	
*Ca_Desig_SNP738	scaffold06649	37073	[A/C]		INTERGENIC	
*Ca_Desig_SNP739	scaffold00789	2359	[T/C]		INTERGENIC	
*Ca_Desig_SNP740	scaffold06649	37070	[C/A]		INTERGENIC	
*Ca_Desig_SNP741	scaffold06649	37072	[T/A]		INTERGENIC	
*Ca_Desig_SNP742	scaffold02753	47216	[A/C]		INTERGENIC	
*Ca_Desig_SNP743	scaffold00292	5046	[G/C]		INTERGENIC	
*Ca_Desig_SNP744	scaffold00897	581	[T/C]		INTERGENIC	
*Ca_Desig_SNP745	scaffold00933	814	[G/A]		INTERGENIC	
*Ca_Desig_SNP746	Ca_Desig_LG08	202026	[G/C]		INTERGENIC	
*Ca_Desig_SNP747	Ca_Desig_LG03	19041868	[T/G]	Ca_03528	INTRON	Transformation/transcription domain-associated protein
*Ca_Desig_SNP748	scaffold06649	37071	[A/G]		INTERGENIC	
*Ca_Desig_SNP749	scaffold01120	105	[G/A]		INTERGENIC	
*Ca_Desig_SNP750	scaffold00938	1143	[T/C]		INTERGENIC	
*Ca_Desig_SNP751	scaffold00876	6626	[T/C]		INTERGENIC	
*Ca_Desig_SNP752	Ca_Desig_LG03	22992503	[G/A]	Ca_03845	SYNONYMOUS_CODING	Kinase interacting (KIP1-like) family protein
*Ca_Desig_SNP753	scaffold00735	3708	[T/C]	Ca_13852	DOWNSTREAM:738bases	MORC family CW-type zinc finger protein 4

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP754	Ca_Desig_LG03	22980522	[A/G]	Ca_03844	SYNONYMOUS_CODING	Protein SGT1 homolog At5g65490
*Ca_Desig_SNP755	scaffold00768	3138	[T/C]		INTERGENIC	
*Ca_Desig_SNP756	scaffold01984	78372	[T/G]		INTERGENIC	
*Ca_Desig_SNP757	scaffold00775	2372	[T/C]	Ca_13986	DOWNSTREAM:975bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP758	scaffold01060	74511	[T/C]		INTERGENIC	
*Ca_Desig_SNP759	scaffold02009	126578	[A/C]		INTERGENIC	
*Ca_Desig_SNP760	Ca_Desig_LG02	1245363	[C/A]	Ca_01108	UTR_5_PRIME:230bases	CONTAINS InterPro DOMAIN/s: RNase P, Rpr2/Rpp21 subunit (InterPro:IPR007175); Has 35333 Blast hits to
*Ca_Desig_SNP761	scaffold01262	174012	[T/G]		INTERGENIC	
*Ca_Desig_SNP762	scaffold04453	258008	[C/G]		INTERGENIC	
*Ca_Desig_SNP763	Ca_Desig_LG03	22992776	[A/G]	Ca_03845	SYNONYMOUS_CODING	Kinase interacting (KIP1-like) family protein
*Ca_Desig_SNP764	scaffold00890	1628	[T/C]		INTERGENIC	
*Ca_Desig_SNP765	scaffold00775	2367	[T/C]	Ca_13986	DOWNSTREAM:970bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP766	scaffold01281	171019	[G/A]		INTERGENIC	
*Ca_Desig_SNP767	scaffold03981	55663	[A/T]		INTERGENIC	
*Ca_Desig_SNP768	scaffold03204	229155	[G/T]		INTERGENIC	
*Ca_Desig_SNP769	Ca_Desig_LG07	1541580	[A/T]	Ca_07484	NON_SYNONYMOUS_CODING	Protein TRANSPARENT TESTA 12
*Ca_Desig_SNP770	scaffold01510	39144	[T/G]		INTERGENIC	
*Ca_Desig_SNP771	scaffold00126	8146	[T/C]		INTERGENIC	
*Ca_Desig_SNP772	scaffold00937	224740	[A/T]		INTERGENIC	
*Ca_Desig_SNP773	scaffold00248	227548	[A/T]		INTERGENIC	
*Ca_Desig_SNP774	scaffold13510	54809	[A/C]		INTERGENIC	
*Ca_Desig_SNP775	scaffold01029	468	[T/C]		INTERGENIC	
*Ca_Desig_SNP776	scaffold02317	22882	[C/A]		INTERGENIC	
*Ca_Desig_SNP777	scaffold01129	42191	[T/G]		INTERGENIC	
*Ca_Desig_SNP778	scaffold00126	8221	[A/G]		INTERGENIC	
*Ca_Desig_SNP779	scaffold00779	2329	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP780	scaffold00607	798	[T/G]		INTERGENIC	
*Ca_Desig_SNP781	scaffold00866	1069	[T/C]	Ca_14324	DOWNSTREAM:260bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP782	scaffold01281	171024	[C/A]		INTERGENIC	
*Ca_Desig_SNP783	scaffold00834	975	[A/C]		INTERGENIC	
*Ca_Desig_SNP784	scaffold00763	1617	[T/C]		INTERGENIC	
*Ca_Desig_SNP785	scaffold01362	106885	[T/C]		INTERGENIC	
*Ca_Desig_SNP786	scaffold00908	294767	[T/G]		INTERGENIC	
*Ca_Desig_SNP787	scaffold00448	706	[A/C]		INTERGENIC	
*Ca_Desig_SNP788	scaffold00852	1111	[T/C]	Ca_14286	NON_SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP789	scaffold00257	10565	[T/G]		INTERGENIC	
*Ca_Desig_SNP790	scaffold00763	1599	[T/C]		INTERGENIC	
*Ca_Desig_SNP791	scaffold00126	55399	[C/T]	Ca_10982	INTRON	TRICHOME BIREFRINGENCE-LIKE 38
*Ca_Desig_SNP792	scaffold00126	55410	[G/A]	Ca_10982	INTRON	TRICHOME BIREFRINGENCE-LIKE 38
*Ca_Desig_SNP793	Ca_Desig_LG07	2195618	[T/C]	Ca_07527	INTRON	Phospholipid-transporting ATPase 3
*Ca_Desig_SNP794	scaffold00683	5538	[G/A]		INTERGENIC	
*Ca_Desig_SNP795	scaffold05105	88252	[A/G]		INTERGENIC	
*Ca_Desig_SNP796	Ca_Desig_LG05	4837600	[A/G]	Ca_05583	NON_SYNONYMOUS_CODING	Puromycin-sensitive aminopeptidase
*Ca_Desig_SNP797	Ca_Desig_LG03	1142320	[T/G]	Ca_02258	SYNONYMOUS_CODING	Protein transport protein Sec23A
*Ca_Desig_SNP798	Ca_Desig_LG05	5123295	[T/G]		INTERGENIC	
*Ca_Desig_SNP799	Ca_Desig_LG02	5503519	[G/A]		INTERGENIC	
*Ca_Desig_SNP800	scaffold00804	761	[T/C]		INTERGENIC	
*Ca_Desig_SNP801	scaffold00994	71982	[A/C]		INTERGENIC	
*Ca_Desig_SNP802	scaffold00693	2091	[G/A]		INTERGENIC	
*Ca_Desig_SNP803	scaffold01006	569	[C/A]		INTERGENIC	
*Ca_Desig_SNP804	scaffold00582	6345	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP805	scaffold00866	904	[T/C]	Ca_14324	DOWNSTREAM:425bases	NADP-specific glutamate dehydrogenase

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP806	Ca_Desig_LG03	4016181	[A/C]	Ca_02499	NON_SYNONYMOUS_CODING	Calcium homeostasis endoplasmic reticulum protein
*Ca_Desig_SNP807	Ca_Desig_LG02	6107404	[T/A]		INTERGENIC	
*Ca_Desig_SNP808	scaffold00582	13892	[A/G]		INTERGENIC	
*Ca_Desig_SNP809	Ca_Desig_LG02	15905877	[A/C]	Ca_02075	NON_SYNONYMOUS_CODING	Formin-like protein 5
*Ca_Desig_SNP810	scaffold00804	1962	[A/G]		INTERGENIC	
*Ca_Desig_SNP811	scaffold00601	11567	[A/C]	Ca_13336	NON_SYNONYMOUS_CODING	Disease resistance protein RPM1
*Ca_Desig_SNP812	scaffold00998	56882	[T/C]		INTERGENIC	
*Ca_Desig_SNP813	scaffold00089	50956	[A/G]		INTERGENIC	
*Ca_Desig_SNP814	scaffold00741	914	[T/C]		INTERGENIC	
*Ca_Desig_SNP815	Ca_Desig_LG02	8510313	[C/T]	Ca_01673	INTRON	DNA-directed RNA polymerase III subunit RPC1
*Ca_Desig_SNP816	scaffold08069	60566	[A/G]		INTERGENIC	
*Ca_Desig_SNP817	scaffold00906	1133	[G/A]		INTERGENIC	
*Ca_Desig_SNP818	scaffold00876	788	[A/G]		INTERGENIC	
*Ca_Desig_SNP819	Ca_Desig_LG02	6131704	[T/C]		INTERGENIC	
*Ca_Desig_SNP820	scaffold00938	1147	[T/C]		INTERGENIC	
*Ca_Desig_SNP821	Ca_Desig_LG01	6107982	[T/G]	Ca_00519	INTRON	Probable exocyst complex component 4
*Ca_Desig_SNP822	scaffold00876	823	[A/G]		INTERGENIC	
*Ca_Desig_SNP823	scaffold00735	3704	[G/A]	Ca_13852	DOWNSTREAM:742bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP824	scaffold00888	351	[A/G]		INTERGENIC	
*Ca_Desig_SNP825	Ca_Desig_LG04	2978413	[T/C]		INTERGENIC	
*Ca_Desig_SNP826	Ca_Desig_LG07	1558737	[T/A]	Ca_07485	SYNONYMOUS_CODING	Protein TRANSPARENT TESTA 12
*Ca_Desig_SNP827	scaffold03107	39191	[A/T]		INTERGENIC	
*Ca_Desig_SNP828	scaffold00876	10482	[A/G]		INTERGENIC	
*Ca_Desig_SNP829	scaffold00854	224	[T/C]		INTERGENIC	
*Ca_Desig_SNP830	scaffold00876	6646	[A/G]		INTERGENIC	
*Ca_Desig_SNP831	scaffold00126	10395	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP832	Ca_Desig_LG04	7411730	[A/C]	Ca_04335	NON_SYNONYMOUS_CODING	Uncharacterized aarF domain-containing protein kinase At4g31390, chloroplastic
*Ca_Desig_SNP833	scaffold01039	49667	[A/C]		INTERGENIC	
*Ca_Desig_SNP834	Ca_Desig_LG01	4001436	[A/T]	Ca_00402	DOWNSTREAM:1483bases	Putative uncharacterized protein
*Ca_Desig_SNP835	scaffold00416	131481	[C/G]		INTERGENIC	
*Ca_Desig_SNP836	scaffold00229	40362	[T/A]		INTERGENIC	
*Ca_Desig_SNP837	scaffold00779	2243	[A/G]		INTERGENIC	
*Ca_Desig_SNP838	scaffold00249	31153	[C/T]		INTERGENIC	
*Ca_Desig_SNP839	scaffold00581	3657	[G/A]	Ca_13271	DOWNSTREAM:108bases	Serine/threonine-protein kinase PRP4 homolog
*Ca_Desig_SNP840	scaffold00876	6617	[A/G]		INTERGENIC	
*Ca_Desig_SNP841	Ca_Desig_LG03	11146467	[A/C]	Ca_02911	DOWNSTREAM:1703bases	Basic leucine zipper and W2 domain-containing protein 2
*Ca_Desig_SNP842	scaffold00936	11243	[G/A]		INTERGENIC	
*Ca_Desig_SNP843	scaffold00876	17491	[T/C]		INTERGENIC	
*Ca_Desig_SNP844	scaffold03298	77529	[G/A]		INTERGENIC	
*Ca_Desig_SNP845	Ca_Desig_LG06	2187070	[T/A]		INTERGENIC	
*Ca_Desig_SNP846	Ca_Desig_LG03	4581079	[T/G]	Ca_02570	NON_SYNONYMOUS_CODING	UPF0503 protein At3g09070, chloroplastic
*Ca_Desig_SNP847	scaffold00771	2543	[A/G]		INTERGENIC	
*Ca_Desig_SNP848	scaffold00778	1625	[A/G]		INTERGENIC	
*Ca_Desig_SNP849	scaffold07915	39565	[A/C]		INTERGENIC	
*Ca_Desig_SNP850	scaffold01169	7	[G/A]		INTERGENIC	
*Ca_Desig_SNP851	scaffold00744	3824	[T/A]	Ca_13871	SYNONYMOUS_CODING	Gibberellin 2-beta-dioxygenase 8
*Ca_Desig_SNP852	Ca_Desig_LG08	6693920	[A/T]	Ca_08481	NON_SYNONYMOUS_CODING	ABC transporter B family member 25
*Ca_Desig_SNP853	Ca_Desig_LG06	9904535	[T/G]		INTERGENIC	
*Ca_Desig_SNP854	scaffold00876	10475	[T/C]		INTERGENIC	
*Ca_Desig_SNP855	scaffold01042	723	[T/C]		INTERGENIC	
*Ca_Desig_SNP856	scaffold00741	842	[A/G]		INTERGENIC	
*Ca_Desig_SNP857	scaffold00937	224746	[C/A]		INTERGENIC	



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*Ca_Desig_SNP858	Ca_Desig_LG07	7266204	[A/C]	Ca_07873	NON_SYNONYMOUS_CODING	SBP (S-ribonuclease binding protein) family protein
*Ca_Desig_SNP859	scaffold06008	35522	[A/C]		INTERGENIC	
*Ca_Desig_SNP860	scaffold01344	93713	[C/A]		INTERGENIC	
*Ca_Desig_SNP861	scaffold00735	3674	[T/C]	Ca_13852	DOWNSTREAM:772bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP862	scaffold00768	3128	[A/G]		INTERGENIC	
*Ca_Desig_SNP863	scaffold00824	1805	[T/C]		INTERGENIC	
*Ca_Desig_SNP864	scaffold00735	2815	[A/G]	Ca_13852	DOWNSTREAM:1631bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP865	scaffold01264	115786	[C/G]	Ca_09863	INTRON	Protein EFR3 homolog B
*Ca_Desig_SNP866	scaffold01042	711	[A/G]		INTERGENIC	
*Ca_Desig_SNP867	scaffold00691	6363	[T/G]		INTERGENIC	
*Ca_Desig_SNP868	scaffold01704	19940	[C/A]		INTERGENIC	
*Ca_Desig_SNP869	scaffold00741	800	[A/G]		INTERGENIC	
*Ca_Desig_SNP870	scaffold00582	13901	[T/C]	Ca_13282	DOWNSTREAM:30bases	Transaldolase
*Ca_Desig_SNP871	scaffold01044	357	[A/C]		INTERGENIC	
*Ca_Desig_SNP872	scaffold00880	915	[T/C]		INTERGENIC	
*Ca_Desig_SNP873	scaffold00417	19449	[C/T]	Ca_12539	INTRON	GDT1-like protein 3
*Ca_Desig_SNP874	scaffold00876	6606	[T/C]		INTERGENIC	
*Ca_Desig_SNP875	Ca_Desig_LG04	8063854	[T/G]		INTERGENIC	
*Ca_Desig_SNP876	Ca_Desig_LG08	10458805	[T/G]	Ca_08739	NON_SYNONYMOUS_CODING	Cell division cycle-associated 7-like protein
*Ca_Desig_SNP877	scaffold00277	16900	[T/G]		INTERGENIC	
*Ca_Desig_SNP878	scaffold01060	74521	[A/C]		INTERGENIC	
*Ca_Desig_SNP879	Ca_Desig_LG06	3377407	[T/G]	Ca_06680	SYNONYMOUS_CODING	Zinc finger CCCH domain-containing protein 41
*Ca_Desig_SNP880	Ca_Desig_LG04	22000431	[G/T]	Ca_05232	SYNONYMOUS_CODING	Two-component response regulator ARR1
*Ca_Desig_SNP881	scaffold00612	55008	[T/G]		INTERGENIC	
*Ca_Desig_SNP882	Ca_Desig_LG04	22000430	[A/C]	Ca_05232	SYNONYMOUS_CODING	Two-component response regulator ARR1
*Ca_Desig_SNP883	scaffold00444	14720	[C/T]		INTERGENIC	

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*Ca_Desig_SNP884	scaffold00788	3404	[A/G]		INTERGENIC	
*Ca_Desig_SNP885	Ca_Desig_LG08	6222618	[T/G]	Ca_08430	SYNONYMOUS_CODING	DnaJ homolog subfamily C member 13
*Ca_Desig_SNP886	scaffold00771	2536	[C/T]		INTERGENIC	
*Ca_Desig_SNP887	scaffold01106	73	[T/C]		INTERGENIC	
*Ca_Desig_SNP888	scaffold00942	1294	[A/G]		INTERGENIC	
*Ca_Desig_SNP889	scaffold01042	729	[T/C]		INTERGENIC	
*Ca_Desig_SNP890	Ca_Desig_LG02	8568490	[C/T]	Ca_01679	NON_SYNONYMOUS_CODING	Two-component response regulator-like APRR7
*Ca_Desig_SNP891	scaffold15702	53706	[T/G]		INTERGENIC	
*Ca_Desig_SNP892	Ca_Desig_LG03	11018990	[T/G]	Ca_02899	NON_SYNONYMOUS_CODING	unknown protein; BEST Arabidopsis thaliana protein match is: unknown protein (TAIR:AT2G44600.1); Has 60 Blast
*Ca_Desig_SNP893	scaffold00854	2288	[T/C]		INTERGENIC	
*Ca_Desig_SNP894	scaffold00787	113133	[A/T]		INTERGENIC	
*Ca_Desig_SNP895	scaffold01958	71524	[A/G]		INTERGENIC	
*Ca_Desig_SNP896	scaffold01043	296	[A/G]		INTERGENIC	
*Ca_Desig_SNP897	scaffold00991	228438	[C/A]		INTERGENIC	
*Ca_Desig_SNP898	scaffold01124	43	[A/T]		INTERGENIC	
*Ca_Desig_SNP899	scaffold00660	1484	[A/C]		INTERGENIC	
*Ca_Desig_SNP900	scaffold02056	9794	[A/C]	Ca_10434	DOWNSTREAM:1119bases	Protein of unknown function (DUF3741)
*Ca_Desig_SNP901	scaffold00515	2544	[G/A]		INTERGENIC	
*Ca_Desig_SNP902	scaffold04453	258699	[A/G]		INTERGENIC	
*Ca_Desig_SNP903	scaffold01997	16916	[G/T]		INTERGENIC	
*Ca_Desig_SNP904	Ca_Desig_LG06	10461678	[T/G]	Ca_07291	DOWNSTREAM:1690bases	Protein of unknown function (DUF1118)
*Ca_Desig_SNP905	scaffold00376	202672	[T/G]		INTERGENIC	
*Ca_Desig_SNP906	scaffold00582	5159	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP907	scaffold00638	1512	[T/C]		INTERGENIC	
*Ca_Desig_SNP908	Ca_Desig_LG01	6945801	[A/C]	Ca_00565	NON_SYNONYMOUS_CODING	Protein CLEC16A homolog
*Ca_Desig_SNP909	scaffold02138	54280	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP910	scaffold00852	990	[A/G]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP911	scaffold01574	176925	[C/T]		INTERGENIC	
*Ca_Desig_SNP912	Ca_Desig_LG03	1416939	[T/G]	Ca_02288	NON_SYNONYMOUS_CODING	Receptor-like serine/threonine-protein kinase ALE2
*Ca_Desig_SNP913	scaffold00702	6542	[A/G]		INTERGENIC	
*Ca_Desig_SNP914	scaffold07146	62010	[T/C]		INTERGENIC	
*Ca_Desig_SNP915	scaffold00781	14344	[G/A]		INTERGENIC	
*Ca_Desig_SNP916	scaffold00866	907	[T/C]	Ca_14324	DOWNSTREAM:422bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP917	Ca_Desig_LG03	15332140	[G/A]	Ca_03190	SYNONYMOUS_CODING	Probable F-box protein At4g22030
*Ca_Desig_SNP918	scaffold00617	50052	[A/C]		INTERGENIC	
*Ca_Desig_SNP919	scaffold00923	486	[A/G]		INTERGENIC	
*Ca_Desig_SNP920	scaffold00447	16237	[G/T]	Ca_12664	INTRON	RNA exonuclease 4
*Ca_Desig_SNP921	scaffold01958	62480	[T/C]		INTERGENIC	
*Ca_Desig_SNP922	Ca_Desig_LG05	9334377	[A/T]		INTERGENIC	
*Ca_Desig_SNP923	scaffold00876	10452	[T/C]		INTERGENIC	
*Ca_Desig_SNP924	scaffold01958	67314	[C/T]		INTERGENIC	
*Ca_Desig_SNP925	scaffold01958	67542	[G/C]		INTERGENIC	
*Ca_Desig_SNP926	scaffold00876	832	[A/G]		INTERGENIC	
*Ca_Desig_SNP927	scaffold00691	491	[T/G]	Ca_13701	NON_SYNONYMOUS_CODING	ABC transporter G family member 1
*Ca_Desig_SNP928	scaffold00761	3721	[A/G]		INTERGENIC	
*Ca_Desig_SNP929	scaffold01958	15332	[A/G]		INTERGENIC	
*Ca_Desig_SNP930	scaffold00975	529	[A/G]		INTERGENIC	
*Ca_Desig_SNP931	scaffold00582	5180	[T/C]	Ca_13279	SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP932	scaffold00686	3641	[T/C]		INTERGENIC	
*Ca_Desig_SNP933	scaffold00761	3535	[A/G]		INTERGENIC	
*Ca_Desig_SNP934	scaffold01863	98932	[G/C]		INTERGENIC	
*Ca_Desig_SNP935	Ca_Desig_LG02	6104365	[C/T]		INTERGENIC	

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*Ca_Desig_SNP936	scaffold01997	16875	[T/A]		INTERGENIC	
*Ca_Desig_SNP937	scaffold02077	89873	[T/C]		INTERGENIC	
*Ca_Desig_SNP938	scaffold00854	361	[A/G]		INTERGENIC	
*Ca_Desig_SNP939	scaffold00510	4796	[T/G]		INTERGENIC	
*Ca_Desig_SNP940	scaffold00865	26864	[G/A]		INTERGENIC	
*Ca_Desig_SNP941	scaffold00998	221651	[T/C]		INTERGENIC	
*Ca_Desig_SNP942	scaffold00750	363	[C/T]		INTERGENIC	
*Ca_Desig_SNP943	scaffold00916	363044	[C/T]		INTERGENIC	
*Ca_Desig_SNP944	Ca_Desig_LG07	5882433	[C/A]	Ca_07756	INTRON	Exosome complex exonuclease RRP44
*Ca_Desig_SNP945	Ca_Desig_LG02	13260498	[G/A]	Ca_01862	DOWNSTREAM:1396bases	F-box/LRR-repeat protein 3
*Ca_Desig_SNP946	scaffold00866	1067	[T/C]	Ca_14324	DOWNSTREAM:262bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP947	scaffold01353	71975	[C/T]		INTERGENIC	
*Ca_Desig_SNP948	scaffold01958	62463	[G/A]		INTERGENIC	
*Ca_Desig_SNP949	Ca_Desig_LG02	8013247	[T/C]	Ca_01644	SYNONYMOUS_CODING	Probable E3 ubiquitin-protein ligase ARI7
*Ca_Desig_SNP950	scaffold00902	1515	[T/A]		INTERGENIC	
*Ca_Desig_SNP951	scaffold00480	11002	[G/A]	Ca_12823	INTRON	Protein KIAA0664 homolog
*Ca_Desig_SNP952	scaffold00160	39667	[T/C]		INTERGENIC	
*Ca_Desig_SNP953	scaffold00186	25858	[T/A]		INTERGENIC	
*Ca_Desig_SNP954	scaffold01802	28223	[G/A]		INTERGENIC	
*Ca_Desig_SNP955	Ca_Desig_LG05	4413238	[G/A]		INTERGENIC	
*Ca_Desig_SNP956	scaffold00828	2672	[C/T]		INTERGENIC	
*Ca_Desig_SNP957	scaffold00055	317134	[T/G]		INTERGENIC	
*Ca_Desig_SNP958	scaffold00055	318214	[C/A]	Ca_08802	DOWNSTREAM:1822bases	Protein ABIL1
*Ca_Desig_SNP959	scaffold00481	18690	[C/G]	Ca_12827	INTRON	General transcription factor 3C polypeptide 3
*Ca_Desig_SNP960	scaffold00935	355	[T/C]		INTERGENIC	
*Ca_Desig_SNP961	scaffold00582	13516	[T/C]	Ca_13281	DOWNSTREAM:109bases	Uncharacterized protein At4g14100

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP962	scaffold00422	7286	[T/C]		INTERGENIC	
*Ca_Desig_SNP963	Ca_Desig_LG01	1938758	[G/T]	Ca_00203	SYNONYMOUS_CODING	Splicing factor 3B subunit 1
*Ca_Desig_SNP964	Ca_Desig_LG04	5678706	[T/G]	Ca_04260	DOWNSTREAM:1509bases	HR-like lesion-inducing protein-related
*Ca_Desig_SNP965	scaffold00481	19335	[C/A]	Ca_12827	INTRON	General transcription factor 3C polypeptide 3
*Ca_Desig_SNP966	scaffold00913	47	[G/A]		INTERGENIC	
*Ca_Desig_SNP967	scaffold00635	2251	[A/C]		INTERGENIC	
*Ca_Desig_SNP968	scaffold03107	11131	[G/C]		INTERGENIC	
*Ca_Desig_SNP969	Ca_Desig_LG02	2124937	[T/A]	Ca_01184	STOP_GAINED	LOB domain-containing protein 41
*Ca_Desig_SNP970	scaffold03894	18727	[T/C]		INTERGENIC	
*Ca_Desig_SNP971	scaffold00741	817	[A/G]		INTERGENIC	
*Ca_Desig_SNP972	Ca_Desig_LG02	5537769	[A/T]	Ca_01418	NON_SYNONYMOUS_CODING	Protein TIC 62, chloroplastic
*Ca_Desig_SNP973	scaffold00792	431	[C/A]		INTERGENIC	
*Ca_Desig_SNP974	scaffold01023	187380	[T/G]		INTERGENIC	
*Ca_Desig_SNP975	Ca_Desig_LG02	6025730	[G/T]		INTERGENIC	
*Ca_Desig_SNP976	scaffold00772	94	[C/T]		INTERGENIC	
*Ca_Desig_SNP977	Ca_Desig_LG08	1399529	[T/G]	Ca_08097	NON_SYNONYMOUS_CODING	unknown protein; Has 283 Blast hits to 154 proteins in 44 species: Archae - 0; Bacteria - 2; Metazoa - 24; Fungi - 12;
*Ca_Desig_SNP978	scaffold00881	1205	[T/C]		INTERGENIC	
*Ca_Desig_SNP979	Ca_Desig_LG02	5503727	[T/G]		INTERGENIC	
*Ca_Desig_SNP980	scaffold02761	19085	[G/T]	Ca_10206	DOWNSTREAM:1164bases	Alcohol dehydrogenase-like 6
*Ca_Desig_SNP981	scaffold00735	2850	[A/G]	Ca_13852	DOWNSTREAM:1596bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP982	scaffold00870	672	[A/G]		INTERGENIC	
*Ca_Desig_SNP983	scaffold01347	141021	[C/T]		INTERGENIC	
*Ca_Desig_SNP984	scaffold00571	5204	[G/T]		INTERGENIC	
*Ca_Desig_SNP985	scaffold14943	34553	[C/A]	Ca_10460	DOWNSTREAM:1815bases	Ankyrin repeat family protein
*Ca_Desig_SNP986	scaffold00613	543	[G/A]		INTERGENIC	
*Ca_Desig_SNP987	scaffold14943	34554	[C/G]	Ca_10460	DOWNSTREAM:1816bases	Ankyrin repeat family protein

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*Ca_Desig_SNP988	Ca_Desig_LG02	6010840	[G/A]	Ca_01454	INTRON	Calreticulin-3
*Ca_Desig_SNP989	scaffold00968	172	[A/T]		INTERGENIC	
*Ca_Desig_SNP990	Ca_Desig_LG02	5507928	[A/C]		INTERGENIC	
*Ca_Desig_SNP991	scaffold00823	144	[A/G]		INTERGENIC	
*Ca_Desig_SNP992	scaffold00965	270	[T/C]		INTERGENIC	
*Ca_Desig_SNP993	scaffold01073	582	[G/A]		INTERGENIC	
*Ca_Desig_SNP994	scaffold07988	15438	[C/A]		INTERGENIC	
*Ca_Desig_SNP995	Ca_Desig_LG02	5503405	[T/A]	Ca_01413	DOWNSTREAM:121bases	Plastid division protein PDV2
*Ca_Desig_SNP996	Ca_Desig_LG02	5699314	[A/G]		INTERGENIC	
*Ca_Desig_SNP997	scaffold04586	97307	[A/T]		INTERGENIC	
*Ca_Desig_SNP998	scaffold02564	20357	[A/G]		INTERGENIC	
*Ca_Desig_SNP999	scaffold00686	5077	[G/T]		INTERGENIC	
*Ca_Desig_SNP1000	scaffold00675	12626	[G/A]		INTERGENIC	
*Ca_Desig_SNP1001	Ca_Desig_LG02	6092347	[T/G]	Ca_01467	DOWNSTREAM:1381bases	unknown protein
*Ca_Desig_SNP1002	scaffold01055	429	[A/C]		INTERGENIC	
*Ca_Desig_SNP1003	scaffold00630	4146	[A/G]		INTERGENIC	
*Ca_Desig_SNP1004	Ca_Desig_LG02	6103902	[T/C]		INTERGENIC	
*Ca_Desig_SNP1005	scaffold00668	7605	[T/G]		INTERGENIC	
*Ca_Desig_SNP1006	Ca_Desig_LG02	5716475	[C/T]	Ca_01434	SYNONYMOUS_CODING	Mitogen-activated protein kinase kinase kinase A
*Ca_Desig_SNP1007	scaffold00582	5887	[C/A]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP1008	Ca_Desig_LG02	6103617	[A/T]		INTERGENIC	
*Ca_Desig_SNP1009	Ca_Desig_LG02	6140423	[G/A]		INTERGENIC	
*Ca_Desig_SNP1010	scaffold09553	106271	[T/G]		INTERGENIC	
*Ca_Desig_SNP1011	scaffold00356	206876	[A/C]	Ca_09123	INTRON	Extended synaptotagmin-2
*Ca_Desig_SNP1012	Ca_Desig_LG02	6092092	[G/A]	Ca_01467	DOWNSTREAM:1636bases	unknown protein
*Ca_Desig_SNP1013	Ca_Desig_LG03	18171145	[A/T]	Ca_03436	SYNONYMOUS_CODING	E3 ubiquitin ligase BIG BROTHER

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1014	Ca_Desig_LG02	5717021	[G/C]	Ca_01434	NON_SYNONYMOUS_CODING	Mitogen-activated protein kinase kinase kinase A
*Ca_Desig_SNP1015	scaffold00608	43279	[A/C]		INTERGENIC	
*Ca_Desig_SNP1016	scaffold00322	16495	[T/G]		INTERGENIC	
*Ca_Desig_SNP1017	scaffold00937	284095	[C/A]		INTERGENIC	
*Ca_Desig_SNP1018	scaffold09693	80335	[T/G]		INTERGENIC	
*Ca_Desig_SNP1019	scaffold01079	212	[C/T]		INTERGENIC	
*Ca_Desig_SNP1020	Ca_Desig_LG05	11038446	[T/C]		INTERGENIC	
*Ca_Desig_SNP1021	Ca_Desig_LG02	5698976	[C/T]		INTERGENIC	
*Ca_Desig_SNP1022	Ca_Desig_LG02	5698170	[T/A]	Ca_01432	DOWNSTREAM:1619bases	cold-regulated 413-plasma membrane 2
*Ca_Desig_SNP1023	scaffold04764	57814	[T/A]		INTERGENIC	
*Ca_Desig_SNP1024	Ca_Desig_LG01	6918766	[T/A]		INTERGENIC	
*Ca_Desig_SNP1025	scaffold03023	77223	[T/G]		INTERGENIC	
*Ca_Desig_SNP1026	Ca_Desig_LG07	8369407	[A/C]		INTERGENIC	
*Ca_Desig_SNP1027	scaffold01018	110	[C/G]		INTERGENIC	
*Ca_Desig_SNP1028	scaffold00360	17074	[T/C]		INTERGENIC	
*Ca_Desig_SNP1029	scaffold00790	831	[A/G]		INTERGENIC	
*Ca_Desig_SNP1030	scaffold01262	154557	[C/A]		INTERGENIC	
*Ca_Desig_SNP1031	Ca_Desig_LG02	6131587	[T/C]		INTERGENIC	
*Ca_Desig_SNP1032	Ca_Desig_LG02	6091962	[C/T]	Ca_01467	DOWNSTREAM:1766bases	unknown protein
*Ca_Desig_SNP1033	Ca_Desig_LG02	6011026	[G/A]	Ca_01454	SYNONYMOUS_CODING	Calreticulin-3
*Ca_Desig_SNP1034	Ca_Desig_LG02	5508906	[T/A]	Ca_01415	DOWNSTREAM:1751bases	Protein of unknown function, DUF547
*Ca_Desig_SNP1035	scaffold00879	1763	[A/G]		INTERGENIC	
*Ca_Desig_SNP1036	Ca_Desig_LG02	12796796	[T/A]	Ca_01833	SYNONYMOUS_CODING	Lignin-forming anionic peroxidase
*Ca_Desig_SNP1037	Ca_Desig_LG02	5745551	[G/T]		INTERGENIC	
*Ca_Desig_SNP1038	scaffold00582	5069	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP1039	Ca_Desig_LG01	2437948	[T/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1040	Ca_Desig_LG02	6029971	[A/G]	Ca_01457	NON_SYNONYMOUS_CODING	Unknown expressed protein
*Ca_Desig_SNP1041	Ca_Desig_LG02	5717899	[G/A]	Ca_01434	SYNONYMOUS_CODING	Mitogen-activated protein kinase kinase kinase A
*Ca_Desig_SNP1042	Ca_Desig_LG05	16170915	[G/T]		INTERGENIC	
*Ca_Desig_SNP1043	scaffold00961	484	[G/A]		INTERGENIC	
*Ca_Desig_SNP1044	scaffold00829	41343	[G/T]		INTERGENIC	
*Ca_Desig_SNP1045	scaffold01347	141131	[C/T]		INTERGENIC	
*Ca_Desig_SNP1046	scaffold00741	789	[A/G]		INTERGENIC	
*Ca_Desig_SNP1047	scaffold03107	100727	[C/T]		INTERGENIC	
*Ca_Desig_SNP1048	scaffold00884	654	[A/G]		INTERGENIC	
*Ca_Desig_SNP1049	Ca_Desig_LG05	11038453	[T/C]		INTERGENIC	
*Ca_Desig_SNP1050	Ca_Desig_LG03	993125	[C/A]	Ca_02241	DOWNSTREAM:1506bases	bonsai
*Ca_Desig_SNP1051	Ca_Desig_LG03	993127	[G/C]	Ca_02241	DOWNSTREAM:1508bases	bonsai
*Ca_Desig_SNP1052	scaffold00876	10492	[T/C]		INTERGENIC	
*Ca_Desig_SNP1053	Ca_Desig_LG06	10334639	[A/C]	Ca_07275	NON_SYNONYMOUS_CODING	MutS2 protein
*Ca_Desig_SNP1054	scaffold00254	21012	[G/C]		INTERGENIC	
*Ca_Desig_SNP1055	scaffold00201	15896	[G/A]		INTERGENIC	
*Ca_Desig_SNP1056	scaffold00851	380	[A/C]		INTERGENIC	
*Ca_Desig_SNP1057	Ca_Desig_LG08	8293911	[T/G]	Ca_08597	DOWNSTREAM:46bases	Glyceraldehyde-3-phosphate dehydrogenase, cytosolic
*Ca_Desig_SNP1058	scaffold11151	51436	[A/G]		INTERGENIC	
*Ca_Desig_SNP1059	scaffold01010	382	[G/A]		INTERGENIC	
*Ca_Desig_SNP1060	scaffold01347	141645	[C/T]		INTERGENIC	
*Ca_Desig_SNP1061	scaffold00928	1230	[T/C]		INTERGENIC	
*Ca_Desig_SNP1062	Ca_Desig_LG02	6135210	[G/A]	Ca_01473	INTRON	Serine/threonine-protein kinase SMG1
*Ca_Desig_SNP1063	scaffold01143	107	[A/T]		INTERGENIC	
*Ca_Desig_SNP1064	Ca_Desig_LG02	6092158	[G/C]	Ca_01467	DOWNSTREAM:1570bases	Unknown expressed protein
*Ca_Desig_SNP1065	Ca_Desig_LG02	5733756	[C/A]		INTERGENIC	



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*Ca_Desig_SNP1066	Ca_Desig_LG02	6018033	[C/T]	Ca_01455	SYNONYMOUS_CODING	Plant protein of unknown function (DUF936)
*Ca_Desig_SNP1067	Ca_Desig_LG02	5740309	[C/A]	Ca_01436	DOWNSTREAM:429bases	Pentatricopeptide repeat-containing protein At2g15980
*Ca_Desig_SNP1068	Ca_Desig_LG02	6088304	[C/T]		INTERGENIC	
*Ca_Desig_SNP1069	Ca_Desig_LG02	6089048	[T/C]		INTERGENIC	
*Ca_Desig_SNP1070	Ca_Desig_LG02	6094379	[C/G]		INTERGENIC	
*Ca_Desig_SNP1071	scaffold00374	13196	[G/T]		INTERGENIC	
*Ca_Desig_SNP1072	scaffold00623	7196	[A/G]		INTERGENIC	
*Ca_Desig_SNP1073	Ca_Desig_LG02	6017510	[T/G]	Ca_01455	SYNONYMOUS_CODING	Plant protein of unknown function (DUF936)
*Ca_Desig_SNP1074	scaffold00623	9425	[G/A]		INTERGENIC	
*Ca_Desig_SNP1075	scaffold00732	3225	[T/G]		INTERGENIC	
*Ca_Desig_SNP1076	Ca_Desig_LG02	6089357	[C/T]		INTERGENIC	
*Ca_Desig_SNP1077	Ca_Desig_LG04	5800696	[A/G]		INTERGENIC	
*Ca_Desig_SNP1078	scaffold00888	345	[T/C]		INTERGENIC	
*Ca_Desig_SNP1079	scaffold01347	161122	[C/A]		INTERGENIC	
*Ca_Desig_SNP1080	Ca_Desig_LG02	6017319	[T/C]	Ca_01455	SYNONYMOUS_CODING	Plant protein of unknown function (DUF936)
*Ca_Desig_SNP1081	scaffold01097	347	[T/G]		INTERGENIC	
*Ca_Desig_SNP1082	scaffold02589	134711	[C/G]		INTERGENIC	
*Ca_Desig_SNP1083	scaffold00992	168282	[A/C]		INTERGENIC	
*Ca_Desig_SNP1084	scaffold01082	295	[G/A]		INTERGENIC	
*Ca_Desig_SNP1085	scaffold00953	694	[T/C]		INTERGENIC	
*Ca_Desig_SNP1086	Ca_Desig_LG02	5657507	[A/T]	Ca_01430	UTR_3_PRIME:1813bases	Coatomer subunit gamma-2
*Ca_Desig_SNP1087	Ca_Desig_LG02	5503507	[C/A]	Ca_01413	DOWNSTREAM:19bases	Plastid division protein PDV2
*Ca_Desig_SNP1088	scaffold00686	1890	[T/C]		INTERGENIC	
*Ca_Desig_SNP1089	scaffold01135	200	[G/A]		INTERGENIC	
*Ca_Desig_SNP1090	scaffold00876	10479	[T/C]		INTERGENIC	
*Ca_Desig_SNP1091	scaffold00741	771	[T/C]		INTERGENIC	

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*Ca_Desig_SNP1092	scaffold00310	16654	[G/T]		INTERGENIC	
*Ca_Desig_SNP1093	scaffold07628	53452	[T/G]		INTERGENIC	
*Ca_Desig_SNP1094	scaffold00414	2559	[G/A]	Ca_12533	INTRON	Patellin-5
*Ca_Desig_SNP1095	scaffold00876	874	[T/C]		INTERGENIC	
*Ca_Desig_SNP1096	scaffold00788	3396	[A/G]		INTERGENIC	
*Ca_Desig_SNP1097	scaffold04453	258771	[T/C]		INTERGENIC	
*Ca_Desig_SNP1098	Ca_Desig_LG01	7013204	[T/G]	Ca_00567	SYNONYMOUS_CODING	Protein transport protein Sec61 subunit beta
*Ca_Desig_SNP1099	scaffold00880	939	[T/C]		INTERGENIC	
*Ca_Desig_SNP1100	scaffold00828	2675	[T/G]		INTERGENIC	
*Ca_Desig_SNP1101	Ca_Desig_LG02	527633	[A/T]		INTERGENIC	
*Ca_Desig_SNP1102	scaffold00402	10453	[T/G]	Ca_12478	INTRON	L-ascorbate oxidase homolog
*Ca_Desig_SNP1103	scaffold00463	1616	[T/G]	Ca_12714	SYNONYMOUS_CODING	unknown protein
*Ca_Desig_SNP1104	Ca_Desig_LG02	527634	[A/C]		INTERGENIC	
*Ca_Desig_SNP1105	scaffold00646	4880	[A/G]		INTERGENIC	
*Ca_Desig_SNP1106	Ca_Desig_LG07	2047543	[G/A]		INTERGENIC	
*Ca_Desig_SNP1107	scaffold00541	3578	[A/G]		INTERGENIC	
*Ca_Desig_SNP1108	scaffold01031	538	[T/C]		INTERGENIC	
*Ca_Desig_SNP1109	scaffold00804	735	[T/C]		INTERGENIC	
*Ca_Desig_SNP1110	scaffold01473	48952	[T/G]		INTERGENIC	
*Ca_Desig_SNP1111	scaffold00518	1027	[A/C]		INTERGENIC	
*Ca_Desig_SNP1112	scaffold00884	659	[G/A]		INTERGENIC	
*Ca_Desig_SNP1113	scaffold00930	1099	[A/G]	Ca_14498	NON_SYNONYMOUS_CODING	Peptidyl-prolyl cis-trans isomerase-like 4
*Ca_Desig_SNP1114	scaffold00741	866	[T/C]		INTERGENIC	
*Ca_Desig_SNP1115	scaffold00741	764	[T/C]		INTERGENIC	
*Ca_Desig_SNP1116	scaffold00928	1220	[A/G]		INTERGENIC	
*Ca_Desig_SNP1117	Ca_Desig_LG06	837921	[G/A]		INTERGENIC	

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*Ca_Desig_SNP1118	scaffold01075	84	[G/A]		INTERGENIC	
*Ca_Desig_SNP1119	scaffold03476	16238	[T/A]		INTERGENIC	
*Ca_Desig_SNP1120	scaffold00692	28722	[T/G]	Ca_09609	SYNONYMOUS_CODING	Glycerol-3-phosphate acyltransferase 3
*Ca_Desig_SNP1121	scaffold01041	549	[A/G]		INTERGENIC	
*Ca_Desig_SNP1122	scaffold04201	16538	[T/G]		INTERGENIC	
*Ca_Desig_SNP1123	Ca_Desig_LG05	1615972	[A/C]	Ca_05325	SYNONYMOUS_CODING	Protein NLP4
*Ca_Desig_SNP1124	Ca_Desig_LG02	15223718	[A/G]	Ca_02013	NON_SYNONYMOUS_CODING	Two-component response regulator ARR14
*Ca_Desig_SNP1125	scaffold00763	1607	[A/G]		INTERGENIC	
*Ca_Desig_SNP1126	scaffold01133	242	[G/A]	Ca_15037	STOP_GAINED	Integrase, catalytic region; Ribonuclease H
*Ca_Desig_SNP1127	scaffold00575	11135	[C/T]		INTERGENIC	
*Ca_Desig_SNP1128	Ca_Desig_LG08	6224388	[A/C]		INTERGENIC	
*Ca_Desig_SNP1129	scaffold00866	1051	[T/C]	Ca_14324	DOWNSTREAM:278bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP1130	scaffold00418	19194	[T/C]		INTERGENIC	
*Ca_Desig_SNP1131	scaffold00332	5918	[T/G]	Ca_12098	DOWNSTREAM:80bases	gamma-irradiation and mitomycin c induced 1
*Ca_Desig_SNP1132	Ca_Desig_LG03	6616912	[A/G]	Ca_02688	SYNONYMOUS_CODING	Glutathione gamma-glutamylcysteinyltransferase 1
*Ca_Desig_SNP1133	Ca_Desig_LG03	6585721	[C/A]		INTERGENIC	
*Ca_Desig_SNP1134	Ca_Desig_LG03	6812169	[A/G]	Ca_02708	DOWNSTREAM:1971bases	Actin-depolymerizing factor
*Ca_Desig_SNP1135	scaffold00418	19185	[C/T]		INTERGENIC	
*Ca_Desig_SNP1136	scaffold00901	66	[T/C]		INTERGENIC	
*Ca_Desig_SNP1137	scaffold02975	100448	[T/G]		INTERGENIC	
*Ca_Desig_SNP1138	scaffold01036	189	[A/G]		INTERGENIC	
*Ca_Desig_SNP1139	Ca_Desig_LG03	11633970	[A/T]		INTERGENIC	
*Ca_Desig_SNP1140	Ca_Desig_LG03	17065616	[T/G]	Ca_03329	NON_SYNONYMOUS_CODING	CBS domain-containing protein CBSX1, chloroplastic
*Ca_Desig_SNP1141	scaffold00876	780	[T/C]		INTERGENIC	
*Ca_Desig_SNP1142	Ca_Desig_LG01	10530999	[T/C]	Ca_00784	NON_SYNONYMOUS_CODING	OTU domain-containing protein 5
*Ca_Desig_SNP1143	scaffold00609	134712	[A/T]		INTERGENIC	

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*Ca_Desig_SNP1144	scaffold01063	314	[A/C]		INTERGENIC	
*Ca_Desig_SNP1145	scaffold00866	1032	[T/C]	Ca_14324	DOWNSTREAM:297bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP1146	scaffold01283	56048	[T/A]		INTERGENIC	
*Ca_Desig_SNP1147	scaffold02111	106955	[T/G]		INTERGENIC	
*Ca_Desig_SNP1148	scaffold00775	2397	[A/G]	Ca_13986	DOWNSTREAM:1000bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP1149	scaffold00866	899	[T/C]	Ca_14324	DOWNSTREAM:430bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP1150	Ca_Desig_LG06	4641674	[A/C]	Ca_06808	DOWNSTREAM:1751bases	Aminopeptidase N
*Ca_Desig_SNP1151	scaffold00880	900	[T/C]		INTERGENIC	
*Ca_Desig_SNP1152	scaffold00582	5164	[A/G]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP1153	Ca_Desig_LG05	16137753	[G/A]	Ca_06466	INTRON	Heat shock 70 kDa protein 2
*Ca_Desig_SNP1154	scaffold00852	861	[T/C]	Ca_14286	NON_SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP1155	scaffold00702	6560	[A/G]		INTERGENIC	
*Ca_Desig_SNP1156	scaffold00876	5286	[T/C]		INTERGENIC	
*Ca_Desig_SNP1157	scaffold00763	1585	[C/T]		INTERGENIC	
*Ca_Desig_SNP1158	scaffold00933	960	[C/A]		INTERGENIC	
*Ca_Desig_SNP1159	scaffold00113	8685	[C/T]	Ca_10890	DOWNSTREAM:1046bases	Ethylene-responsive transcription factor ERF012
*Ca_Desig_SNP1160	scaffold01075	83	[G/A]		INTERGENIC	
*Ca_Desig_SNP1161	scaffold00582	6335	[A/G]	Ca_13279	INTRON	Neomenthol dehydrogenase
*Ca_Desig_SNP1162	scaffold00761	3531	[A/G]		INTERGENIC	
*Ca_Desig_SNP1163	scaffold02564	20345	[T/G]		INTERGENIC	
*Ca_Desig_SNP1164	Ca_Desig_LG08	427223	[C/T]		INTERGENIC	
*Ca_Desig_SNP1165	Ca_Desig_LG04	1929722	[A/C]		INTERGENIC	
*Ca_Desig_SNP1166	Ca_Desig_LG03	6660873	[T/C]	Ca_02694	DOWNSTREAM:1585bases	H/ACA ribonucleoprotein complex subunit 3-like protein
*Ca_Desig_SNP1167	scaffold00580	11362	[T/C]		INTERGENIC	
*Ca_Desig_SNP1168	scaffold00983	661	[C/T]		INTERGENIC	
*Ca_Desig_SNP1169	Ca_Desig_LG05	4939728	[T/G]	Ca_05596	NON_SYNONYMOUS_CODING	Probable ADP,ATP carrier protein At5g56450

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*Ca_Desig_SNP1170	scaffold00735	2830	[T/C]	Ca_13852	DOWNSTREAM:1616bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP1171	scaffold00702	6584	[A/G]		INTERGENIC	
*Ca_Desig_SNP1172	scaffold00686	2621	[T/C]		INTERGENIC	
*Ca_Desig_SNP1173	Ca_Desig_LG06	2055044	[A/C]	Ca_06580	SYNONYMOUS_CODING	Condensin complex subunit 3
*Ca_Desig_SNP1174	Ca_Desig_LG04	2751571	[T/G]	Ca_04069	INTRON	Serine/threonine-protein kinase At5g01020
*Ca_Desig_SNP1175	scaffold04453	258776	[A/G]		INTERGENIC	
*Ca_Desig_SNP1176	scaffold00637	5436	[C/T]		INTERGENIC	
*Ca_Desig_SNP1177	scaffold00686	2580	[A/G]		INTERGENIC	
*Ca_Desig_SNP1178	scaffold00876	807	[A/G]		INTERGENIC	
*Ca_Desig_SNP1179	scaffold02686	27880	[T/G]		INTERGENIC	
*Ca_Desig_SNP1180	scaffold00649	479	[T/C]		INTERGENIC	
*Ca_Desig_SNP1181	Ca_Desig_LG04	2181555	[C/T]		INTERGENIC	
*Ca_Desig_SNP1182	Ca_Desig_LG07	4370419	[T/A]	Ca_07661	INTRON	Putative uncharacterized protein
*Ca_Desig_SNP1183	Ca_Desig_LG08	6666637	[C/A]	Ca_08479	NON_SYNONYMOUS_CODING	Rab9 effector protein with kelch motifs
*Ca_Desig_SNP1184	Ca_Desig_LG03	11391313	[A/G]	Ca_02936	INTRON	Transmembrane protein 8B
*Ca_Desig_SNP1185	scaffold00884	679	[A/G]		INTERGENIC	
*Ca_Desig_SNP1186	scaffold00938	1156	[A/G]		INTERGENIC	
*Ca_Desig_SNP1187	Ca_Desig_LG03	4409758	[A/G]	Ca_02551	DOWNSTREAM:1852bases	Probable U6 snRNA-associated Sm-like protein LSm4
*Ca_Desig_SNP1188	scaffold08319	83797	[T/G]		INTERGENIC	
*Ca_Desig_SNP1189	Ca_Desig_LG03	4162921	[C/G]	Ca_02517	INTRON	Flavin-containing monooxygenase YUCCA10
*Ca_Desig_SNP1190	Ca_Desig_LG03	6543339	[T/A]		INTERGENIC	
*Ca_Desig_SNP1191	Ca_Desig_LG03	11391310	[A/G]	Ca_02936	INTRON	Transmembrane protein 8B
*Ca_Desig_SNP1192	Ca_Desig_LG03	6539810	[C/T]		INTERGENIC	
*Ca_Desig_SNP1193	scaffold00883	80728	[C/G]		INTERGENIC	
*Ca_Desig_SNP1194	scaffold00884	682	[T/C]		INTERGENIC	
*Ca_Desig_SNP1195	Ca_Desig_LG04	6512192	[T/G]	Ca_04287	INTRON	Ubiquitin carboxyl-terminal hydrolase 13

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*Ca_Desig_SNP1196	scaffold00876	6645	[A/G]		INTERGENIC	
*Ca_Desig_SNP1197	scaffold00254	20813	[A/T]		INTERGENIC	
*Ca_Desig_SNP1198	scaffold00775	2314	[A/G]	Ca_13986	DOWNSTREAM:917bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP1199	scaffold01158	151	[C/A]		INTERGENIC	
*Ca_Desig_SNP1200	scaffold01183	75731	[A/G]		INTERGENIC	
*Ca_Desig_SNP1201	Ca_Desig_LG03	3567286	[T/G]	Ca_02451	INTRON	Putative protease Do-like 14
*Ca_Desig_SNP1202	Ca_Desig_LG03	3581298	[G/A]	Ca_02453	INTRON	Acyl-CoA-binding domain-containing protein 4
*Ca_Desig_SNP1203	scaffold00876	5335	[T/C]		INTERGENIC	
*Ca_Desig_SNP1204	scaffold02908	21294	[G/A]		INTERGENIC	
*Ca_Desig_SNP1205	Ca_Desig_LG03	8498709	[T/C]		INTERGENIC	
*Ca_Desig_SNP1206	Ca_Desig_LG05	8454514	[T/G]	Ca_05932	SYNONYMOUS_CODING	Protein of unknown function (DUF581)
*Ca_Desig_SNP1207	scaffold00501	6185	[G/T]		INTERGENIC	
*Ca_Desig_SNP1208	scaffold01066	414	[C/T]		INTERGENIC	
*Ca_Desig_SNP1209	scaffold00936	80789	[C/A]		INTERGENIC	
*Ca_Desig_SNP1210	Ca_Desig_LG03	6543338	[C/A]		INTERGENIC	
*Ca_Desig_SNP1211	scaffold01310	219495	[C/T]		INTERGENIC	
*Ca_Desig_SNP1212	scaffold00763	1583	[G/A]		INTERGENIC	
*Ca_Desig_SNP1213	scaffold03889	16973	[A/C]		INTERGENIC	
*Ca_Desig_SNP1214	scaffold00330	29935	[G/A]	Ca_12071	INTRON	Alpha-glucan phosphorylase, H isozyme
*Ca_Desig_SNP1215	scaffold00573	9128	[T/A]		INTERGENIC	
*Ca_Desig_SNP1216	scaffold02124	94351	[G/T]		INTERGENIC	
*Ca_Desig_SNP1217	scaffold00232	39122	[G/T]		INTERGENIC	
*Ca_Desig_SNP1218	scaffold01105	470	[A/G]		INTERGENIC	
*Ca_Desig_SNP1219	scaffold00935	393	[T/C]		INTERGENIC	
*Ca_Desig_SNP1220	scaffold16742	49244	[T/G]		INTERGENIC	
*Ca_Desig_SNP1221	scaffold05480	25188	[C/T]		INTERGENIC	

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*Ca_Desig_SNP1222	scaffold00430	19093	[C/A]		INTERGENIC	
*Ca_Desig_SNP1223	Ca_Desig_LG05	9724592	[T/G]	Ca_06057	NON_SYNONYMOUS_CODING	Splicing factor 3A subunit 3
*Ca_Desig_SNP1224	scaffold00206	47601	[G/A]	Ca_11345	INTRON	Secologanin synthase
*Ca_Desig_SNP1225	scaffold01958	95793	[T/A]		INTERGENIC	
*Ca_Desig_SNP1226	scaffold00207	19253	[T/G]	Ca_11357	NON_SYNONYMOUS_CODING	Chloroplastic group IIA intron splicing facilitator CRS1, chloroplastic
*Ca_Desig_SNP1227	scaffold00880	977	[A/G]		INTERGENIC	
*Ca_Desig_SNP1228	Ca_Desig_LG04	1323302	[A/C]		INTERGENIC	
*Ca_Desig_SNP1229	scaffold00852	1096	[T/C]	Ca_14286	SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP1230	scaffold00854	333	[T/C]		INTERGENIC	
*Ca_Desig_SNP1231	scaffold00747	2149	[A/C]		INTERGENIC	
*Ca_Desig_SNP1232	Ca_Desig_LG04	20331204	[A/C]	Ca_05087	SYNONYMOUS_CODING	N-terminal kinase-like protein
*Ca_Desig_SNP1233	scaffold00890	1638	[T/C]		INTERGENIC	
*Ca_Desig_SNP1234	scaffold00876	10504	[A/G]		INTERGENIC	
*Ca_Desig_SNP1235	Ca_Desig_LG02	16714762	[A/G]	Ca_02121	NON_SYNONYMOUS_CODING	Nucleoporin, Nup133/Nup155-like
*Ca_Desig_SNP1236	Ca_Desig_LG04	1224856	[C/T]	Ca_03974	INTRON	Protein SERAC1
*Ca_Desig_SNP1237	scaffold07131	51583	[A/C]		INTERGENIC	
*Ca_Desig_SNP1238	scaffold00751	1936	[C/T]		INTERGENIC	
*Ca_Desig_SNP1239	scaffold00573	9287	[T/C]		INTERGENIC	
*Ca_Desig_SNP1240	scaffold00876	846	[T/C]		INTERGENIC	
*Ca_Desig_SNP1241	scaffold01138	32402	[C/A]		INTERGENIC	
*Ca_Desig_SNP1242	scaffold00876	5361	[T/C]		INTERGENIC	
*Ca_Desig_SNP1243	scaffold00723	113703	[C/T]	Ca_09633	NON_SYNONYMOUS_CODING	Probable protein kinase At2g41970
*Ca_Desig_SNP1244	scaffold00212	151771	[T/G]	Ca_08884	INTRON	zinc ion binding
*Ca_Desig_SNP1245	scaffold00735	2854	[A/G]	Ca_13852	DOWNSTREAM:1592bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP1246	scaffold01756	47190	[A/C]		INTERGENIC	
*Ca_Desig_SNP1247	scaffold00582	4773	[T/C]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase

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*Ca_Desig_SNP1248	scaffold00854	329	[T/C]		INTERGENIC	
*Ca_Desig_SNP1249	scaffold00890	442	[T/G]		INTERGENIC	
*Ca_Desig_SNP1250	scaffold13918	27531	[G/T]		INTERGENIC	
*Ca_Desig_SNP1251	scaffold00761	3600	[T/C]		INTERGENIC	
*Ca_Desig_SNP1252	scaffold00771	2514	[T/C]		INTERGENIC	
*Ca_Desig_SNP1253	Ca_Desig_LG03	2952449	[T/A]	Ca_02387	NON_SYNONYMOUS_CODING	Proteasome subunit beta type-4
*Ca_Desig_SNP1254	Ca_Desig_LG03	18976029	[A/C]		INTERGENIC	
*Ca_Desig_SNP1255	Ca_Desig_LG04	3326281	[T/G]	Ca_04114	SYNONYMOUS_CODING	2Fe-2S ferredoxin-like superfamily protein
*Ca_Desig_SNP1256	scaffold00882	1509	[C/A]		INTERGENIC	
*Ca_Desig_SNP1257	Ca_Desig_LG04	368438	[G/T]	Ca_03909	DOWNSTREAM:1436bases	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit trm6
*Ca_Desig_SNP1258	scaffold01106	64	[A/G]		INTERGENIC	
*Ca_Desig_SNP1259	scaffold00857	945	[T/A]		INTERGENIC	
*Ca_Desig_SNP1260	scaffold00646	4865	[T/C]		INTERGENIC	
*Ca_Desig_SNP1261	Ca_Desig_LG06	6971912	[A/C]	Ca_07001	INTRON	Serine/threonine-protein phosphatase PP2A catalytic subunit
*Ca_Desig_SNP1262	scaffold00768	3048	[A/G]		INTERGENIC	
*Ca_Desig_SNP1263	scaffold00383	26365	[C/A]		INTERGENIC	
*Ca_Desig_SNP1264	scaffold00775	2339	[A/G]	Ca_13986	DOWNSTREAM:942bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP1265	Ca_Desig_LG04	367818	[A/G]		INTERGENIC	
*Ca_Desig_SNP1266	scaffold01709	118046	[T/A]		INTERGENIC	
*Ca_Desig_SNP1267	scaffold00880	1034	[A/G]		INTERGENIC	
*Ca_Desig_SNP1268	scaffold00741	829	[T/C]		INTERGENIC	
*Ca_Desig_SNP1269	Ca_Desig_LG03	4034689	[C/T]	Ca_02500	DOWNSTREAM:976bases	Pre-mRNA-splicing factor rse1
*Ca_Desig_SNP1270	scaffold02462	61968	[T/G]		INTERGENIC	
*Ca_Desig_SNP1271	Ca_Desig_LG07	1761375	[G/A]	Ca_07503	SYNONYMOUS_CODING	Probable N-acetyl-gamma-glutamyl-phosphate reductase, chloroplastic
*Ca_Desig_SNP1272	scaffold00723	113712	[G/T]	Ca_09633	SYNONYMOUS_CODING	Probable protein kinase At2g41970
*Ca_Desig_SNP1273	scaffold00928	1224	[A/G]		INTERGENIC	



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*Ca_Desig_SNP1274	Ca_Desig_LG03	23032534	[C/T]		INTERGENIC	
*Ca_Desig_SNP1275	Ca_Desig_LG08	5186128	[G/T]	Ca_08336	NON_SYNONYMOUS_CODING	Glucan endo-1,3-beta-glucosidase 14
*Ca_Desig_SNP1276	scaffold00544	15252	[A/T]	Ca_13113	DOWNSTREAM:1849bases	Probable galacturonosyltransferase-like 2
*Ca_Desig_SNP1277	scaffold00741	844	[A/G]		INTERGENIC	
*Ca_Desig_SNP1278	scaffold05316	82031	[T/A]		INTERGENIC	
*Ca_Desig_SNP1279	Ca_Desig_LG04	1225164	[G/A]	Ca_03974	INTRON	Protein SERAC1
*Ca_Desig_SNP1280	Ca_Desig_LG06	9992247	[A/C]		INTERGENIC	
*Ca_Desig_SNP1281	scaffold00876	6608	[A/G]		INTERGENIC	
*Ca_Desig_SNP1282	scaffold00994	71840	[A/C]		INTERGENIC	
*Ca_Desig_SNP1283	scaffold00860	976	[A/G]		INTERGENIC	
*Ca_Desig_SNP1284	scaffold00741	830	[T/C]		INTERGENIC	
*Ca_Desig_SNP1285	scaffold00702	6558	[T/C]		INTERGENIC	
*Ca_Desig_SNP1286	scaffold00870	570	[T/G]		INTERGENIC	
*Ca_Desig_SNP1287	scaffold00686	1875	[T/G]		INTERGENIC	
*Ca_Desig_SNP1288	Ca_Desig_LG01	3370815	[A/C]	Ca_00343	DOWNSTREAM:947bases	Ankyrin repeat family protein
*Ca_Desig_SNP1289	Ca_Desig_LG07	4597399	[T/G]		INTERGENIC	
*Ca_Desig_SNP1290	scaffold00903	462	[T/C]		INTERGENIC	
*Ca_Desig_SNP1291	scaffold00876	5647	[A/G]		INTERGENIC	
*Ca_Desig_SNP1292	scaffold01877	73147	[C/A]		INTERGENIC	
*Ca_Desig_SNP1293	scaffold00788	3485	[A/G]		INTERGENIC	
*Ca_Desig_SNP1294	scaffold00804	2274	[G/T]		INTERGENIC	
*Ca_Desig_SNP1295	scaffold00952	554	[G/T]		INTERGENIC	
*Ca_Desig_SNP1296	scaffold00804	2272	[G/T]		INTERGENIC	
*Ca_Desig_SNP1297	Ca_Desig_LG03	11146484	[A/C]	Ca_02911	DOWNSTREAM:1720bases	Basic leucine zipper and W2 domain-containing protein 2
*Ca_Desig_SNP1298	Ca_Desig_LG03	22984947	[G/C]	Ca_03844	DOWNSTREAM:765bases	Protein SGT1 homolog At5g65490
*Ca_Desig_SNP1299	scaffold00942	1270	[G/A]		INTERGENIC	

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*Ca_Desig_SNP1300	scaffold00711	10056	[A/T]		INTERGENIC	
*Ca_Desig_SNP1301	scaffold03792	16869	[A/G]	Ca_10485	SYNONYMOUS_CODING	Probable plastid-lipid-associated protein 13, chloroplastic
*Ca_Desig_SNP1302	scaffold01475	185674	[G/T]		INTERGENIC	
*Ca_Desig_SNP1303	scaffold00908	179625	[T/G]	Ca_09809	INTRON	Protein LSD1
*Ca_Desig_SNP1304	scaffold00717	622	[C/T]	Ca_13772	DOWNSTREAM:814bases	General transcription factor 3C polypeptide 2
*Ca_Desig_SNP1305	scaffold00876	860	[T/C]		INTERGENIC	
*Ca_Desig_SNP1306	scaffold00634	130166	[G/A]		INTERGENIC	
*Ca_Desig_SNP1307	scaffold00390	141016	[A/T]	Ca_09185	DOWNSTREAM:269bases	Probable prefoldin subunit 5
*Ca_Desig_SNP1308	scaffold01296	134074	[T/C]		INTERGENIC	
*Ca_Desig_SNP1309	scaffold01073	552	[A/G]		INTERGENIC	
*Ca_Desig_SNP1310	Ca_Desig_LG03	841817	[C/A]		INTERGENIC	
*Ca_Desig_SNP1311	scaffold01173	23	[C/T]		INTERGENIC	
*Ca_Desig_SNP1312	scaffold00985	633	[G/A]		INTERGENIC	
*Ca_Desig_SNP1313	scaffold00771	2508	[A/G]		INTERGENIC	
*Ca_Desig_SNP1314	Ca_Desig_LG03	22973073	[T/C]	Ca_03843	INTRON	Nucleobase-ascorbate transporter 11
*Ca_Desig_SNP1315	scaffold01236	120402	[C/A]		INTERGENIC	
*Ca_Desig_SNP1316	scaffold04317	43696	[C/T]		INTERGENIC	
*Ca_Desig_SNP1317	scaffold02302	85867	[A/C]		INTERGENIC	
*Ca_Desig_SNP1318	scaffold01049	232212	[A/C]		INTERGENIC	
*Ca_Desig_SNP1319	scaffold00925	517	[C/A]		INTERGENIC	
*Ca_Desig_SNP1320	scaffold00686	3630	[T/C]		INTERGENIC	
*Ca_Desig_SNP1321	scaffold00880	1012	[A/G]		INTERGENIC	
*Ca_Desig_SNP1322	Ca_Desig_LG03	126485	[T/G]		INTERGENIC	
*Ca_Desig_SNP1323	scaffold00937	281774	[T/C]		INTERGENIC	
*Ca_Desig_SNP1324	scaffold01007	30	[G/A]		INTERGENIC	
*Ca_Desig_SNP1325	scaffold00771	2537	[A/G]		INTERGENIC	

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*Ca_Desig_SNP1326	scaffold00946	164	[A/C]		INTERGENIC	
*Ca_Desig_SNP1327	scaffold00333	98764	[C/T]	Ca_09084	DOWNSTREAM:1238bases	DNA repair protein XRCC2 homolog
*Ca_Desig_SNP1328	scaffold01310	219671	[G/A]		INTERGENIC	
*Ca_Desig_SNP1329	scaffold02365	27886	[A/C]		INTERGENIC	
*Ca_Desig_SNP1330	Ca_Desig_LG04	1213556	[C/T]		INTERGENIC	
*Ca_Desig_SNP1331	scaffold00333	64537	[T/C]		INTERGENIC	
*Ca_Desig_SNP1332	scaffold00637	5429	[G/A]		INTERGENIC	
*Ca_Desig_SNP1333	scaffold01159	155	[A/G]		INTERGENIC	
*Ca_Desig_SNP1334	Ca_Desig_LG03	1415304	[T/G]	Ca_02288	INTRON	Receptor-like serine/threonine-protein kinase ALE2
*Ca_Desig_SNP1335	scaffold00626	3729	[T/A]		INTERGENIC	
*Ca_Desig_SNP1336	scaffold00788	3384	[A/G]		INTERGENIC	
*Ca_Desig_SNP1337	scaffold00768	3044	[T/C]		INTERGENIC	
*Ca_Desig_SNP1338	scaffold00876	10374	[T/C]		INTERGENIC	
*Ca_Desig_SNP1339	scaffold00126	8281	[T/C]		INTERGENIC	
*Ca_Desig_SNP1340	scaffold01437	25682	[G/C]		INTERGENIC	
*Ca_Desig_SNP1341	scaffold00451	23047	[G/T]		INTERGENIC	
*Ca_Desig_SNP1342	scaffold00215	253697	[C/T]		INTERGENIC	
*Ca_Desig_SNP1343	scaffold00876	6661	[A/G]		INTERGENIC	
*Ca_Desig_SNP1344	scaffold01040	642	[G/T]		INTERGENIC	
*Ca_Desig_SNP1345	Ca_Desig_LG01	13692705	[G/A]	Ca_00980	DOWNSTREAM:1429bases	Methyltransferase-like protein 22
*Ca_Desig_SNP1346	Ca_Desig_LG05	8600386	[A/C]	Ca_05947	NON_SYNONYMOUS_CODING	DUF246 domain-containing protein At1g04910
*Ca_Desig_SNP1347	scaffold00928	1227	[T/C]		INTERGENIC	
*Ca_Desig_SNP1348	Ca_Desig_LG05	1815460	[A/T]		INTERGENIC	
*Ca_Desig_SNP1349	scaffold01070	324	[C/T]		INTERGENIC	
*Ca_Desig_SNP1350	scaffold00619	3642	[G/A]		INTERGENIC	
*Ca_Desig_SNP1351	Ca_Desig_LG04	131227	[A/G]	Ca_03889	DOWNSTREAM:1500bases	Abhydrolase domain-containing protein 4

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*Ca_Desig_SNP1352	scaffold00844	6131	[T/G]		INTERGENIC	
*Ca_Desig_SNP1353	scaffold00884	663	[T/C]		INTERGENIC	
*Ca_Desig_SNP1354	Ca_Desig_LG02	14163542	[A/C]	Ca_01922	SYNONYMOUS_CODING	Lysine-specific histone demethylase 1 homolog 3
*Ca_Desig_SNP1355	scaffold00852	962	[T/C]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP1356	Ca_Desig_LG03	3590707	[C/T]		INTERGENIC	
*Ca_Desig_SNP1357	scaffold00775	473	[C/A]		INTERGENIC	
*Ca_Desig_SNP1358	scaffold00876	6629	[T/C]		INTERGENIC	
*Ca_Desig_SNP1359	scaffold04087	73770	[A/C]		INTERGENIC	
*Ca_Desig_SNP1360	scaffold00918	546	[C/G]		INTERGENIC	
*Ca_Desig_SNP1361	scaffold05824	243442	[C/T]	Ca_08932	INTRON	ABC transporter C family member 3
*Ca_Desig_SNP1362	scaffold01232	148692	[A/C]		INTERGENIC	
*Ca_Desig_SNP1363	scaffold00876	10484	[A/G]		INTERGENIC	
*Ca_Desig_SNP1364	scaffold01958	95306	[G/A]		INTERGENIC	
*Ca_Desig_SNP1365	scaffold00977	97451	[T/G]		INTERGENIC	
*Ca_Desig_SNP1366	scaffold00741	809	[A/G]		INTERGENIC	
*Ca_Desig_SNP1367	scaffold00478	12711	[T/G]	Ca_12816	INTRON	Adipocyte plasma membrane-associated protein
*Ca_Desig_SNP1368	scaffold00473	18253	[G/T]	Ca_12770	INTRON	SWI/SNF complex subunit SWI3C
*Ca_Desig_SNP1369	scaffold01355	24155	[A/C]	Ca_10181	INTRON	MATE efflux family protein FRD3
*Ca_Desig_SNP1370	scaffold00450	5591	[C/A]		INTERGENIC	
*Ca_Desig_SNP1371	scaffold00782	3400	[A/T]		INTERGENIC	
*Ca_Desig_SNP1372	scaffold00961	497	[T/C]		INTERGENIC	
*Ca_Desig_SNP1373	scaffold01737	119288	[G/T]		INTERGENIC	
*Ca_Desig_SNP1374	Ca_Desig_LG01	2241298	[T/A]	Ca_00231	DOWNSTREAM:184bases	VQ motif-containing protein
*Ca_Desig_SNP1375	scaffold00473	18252	[G/C]	Ca_12770	INTRON	SWI/SNF complex subunit SWI3C
*Ca_Desig_SNP1376	Ca_Desig_LG03	22973066	[C/T]	Ca_03843	INTRON	Nucleobase-ascorbate transporter 11
*Ca_Desig_SNP1377	scaffold00582	10802	[A/C]		INTERGENIC	

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*Ca_Desig_SNP1378	scaffold01147	70	[G/A]		INTERGENIC	
*Ca_Desig_SNP1379	Ca_Desig_LG03	869249	[C/T]		INTERGENIC	
*Ca_Desig_SNP1380	scaffold00971	161	[G/A]		INTERGENIC	
*Ca_Desig_SNP1381	Ca_Desig_LG06	3912452	[T/G]	Ca_06732	INTRON	Phosphoglucomutase, cytoplasmic
*Ca_Desig_SNP1382	scaffold00686	3627	[A/G]		INTERGENIC	
*Ca_Desig_SNP1383	Ca_Desig_LG04	3379061	[G/A]	Ca_04119	INTRON	embryo defective 2410
*Ca_Desig_SNP1384	scaffold00771	2531	[T/C]		INTERGENIC	
*Ca_Desig_SNP1385	scaffold09306	8116	[G/A]		INTERGENIC	
*Ca_Desig_SNP1386	Ca_Desig_LG04	371754	[A/T]		INTERGENIC	
*Ca_Desig_SNP1387	scaffold04282	36317	[C/A]		INTERGENIC	
*Ca_Desig_SNP1388	scaffold09892	66755	[G/A]	Ca_10004	DOWNSTREAM:469bases	Uncharacterized membrane protein yuiD
*Ca_Desig_SNP1389	scaffold00702	6590	[T/C]		INTERGENIC	
*Ca_Desig_SNP1390	Ca_Desig_LG01	1486046	[T/C]		INTERGENIC	
*Ca_Desig_SNP1391	scaffold00502	15558	[G/T]		INTERGENIC	
*Ca_Desig_SNP1392	Ca_Desig_LG05	8454530	[T/G]	Ca_05932	NON_SYNONYMOUS_CODING	Protein of unknown function (DUF581)
*Ca_Desig_SNP1393	Ca_Desig_LG03	8824939	[T/C]	Ca_02786	DOWNSTREAM:688bases	Transcription elongation factor SPT6
*Ca_Desig_SNP1394	scaffold00797	2153	[T/G]		INTERGENIC	
*Ca_Desig_SNP1395	scaffold00761	3533	[A/G]		INTERGENIC	
*Ca_Desig_SNP1396	scaffold00995	115499	[A/C]		INTERGENIC	
*Ca_Desig_SNP1397	scaffold01610	5841	[T/G]		INTERGENIC	
*Ca_Desig_SNP1398	Ca_Desig_LG01	3545323	[T/G]		INTERGENIC	
*Ca_Desig_SNP1399	scaffold00854	341	[T/C]		INTERGENIC	
*Ca_Desig_SNP1400	scaffold00966	1007	[C/T]		INTERGENIC	
*Ca_Desig_SNP1401	Ca_Desig_LG03	11115658	[A/G]	Ca_02909	INTRON	Lysine--tRNA ligase
*Ca_Desig_SNP1402	Ca_Desig_LG04	3875100	[A/C]	Ca_04150	NON_SYNONYMOUS_CODING	DNA polymerase theta
*Ca_Desig_SNP1403	Ca_Desig_LG04	16009846	[A/C]	Ca_04861	SYNONYMOUS_CODING	Kinesin-4

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*Ca_Desi_SNP1404	scaffold00852	825	[A/G]	Ca_14286	NON_SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desi_SNP1405	scaffold12861	14490	[T/G]		INTERGENIC	
*Ca_Desi_SNP1406	scaffold16742	15395	[A/C]		INTERGENIC	
*Ca_Desi_SNP1407	Ca_Desi_LG01	6319042	[A/C]	Ca_00541	SYNONYMOUS_CODING	Probable LRR receptor-like serine/threonine-protein kinase At4g20940
*Ca_Desi_SNP1408	Ca_Desi_LG04	325410	[A/T]	Ca_03903	INTRON	Filament-like plant protein 4
*Ca_Desi_SNP1409	Ca_Desi_LG03	3631276	[C/T]	Ca_02457	SYNONYMOUS_CODING	DNA polymerase zeta catalytic subunit
*Ca_Desi_SNP1410	scaffold00774	3551	[T/C]	Ca_13983	UTR_5_PRIME:536bases	Squamosa promoter-binding-like protein 6
*Ca_Desi_SNP1411	scaffold04914	64293	[C/T]		INTERGENIC	
*Ca_Desi_SNP1412	scaffold00971	149	[T/C]		INTERGENIC	
*Ca_Desi_SNP1413	scaffold04671	17657	[T/G]		INTERGENIC	
*Ca_Desi_SNP1414	Ca_Desi_LG02	8234073	[T/G]		INTERGENIC	
*Ca_Desi_SNP1415	scaffold00686	3628	[C/T]		INTERGENIC	
*Ca_Desi_SNP1416	Ca_Desi_LG02	5917931	[T/G]		INTERGENIC	
*Ca_Desi_SNP1417	scaffold00694	717	[T/C]		INTERGENIC	
*Ca_Desi_SNP1418	Ca_Desi_LG04	6318869	[T/G]		INTERGENIC	
*Ca_Desi_SNP1419	Ca_Desi_LG01	1938766	[A/G]	Ca_00203	NON_SYNONYMOUS_CODING	Splicing factor 3B subunit 1
*Ca_Desi_SNP1420	scaffold00801	2960	[A/C]		INTERGENIC	
*Ca_Desi_SNP1421	scaffold01135	183	[A/G]		INTERGENIC	
*Ca_Desi_SNP1422	scaffold00876	10392	[T/C]		INTERGENIC	
*Ca_Desi_SNP1423	scaffold00771	2542	[T/C]		INTERGENIC	
*Ca_Desi_SNP1424	Ca_Desi_LG04	345813	[G/A]	Ca_03904	DOWNSTREAM:1960bases	5'-3' exoribonuclease 3
*Ca_Desi_SNP1425	Ca_Desi_LG06	4734361	[C/A]		INTERGENIC	
*Ca_Desi_SNP1426	Ca_Desi_LG03	22830261	[A/G]	Ca_03831	INTRON	Probable RNA-dependent RNA polymerase 5
*Ca_Desi_SNP1427	scaffold04453	258681	[A/G]		INTERGENIC	
*Ca_Desi_SNP1428	scaffold01475	246066	[C/A]		INTERGENIC	
*Ca_Desi_SNP1429	scaffold14776	279425	[A/C]		INTERGENIC	

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*Ca_Desig_SNP1430	scaffold00876	6637	[T/C]		INTERGENIC	
*Ca_Desig_SNP1431	Ca_Desig_LG03	11490712	[G/C]	Ca_02943	SYNONYMOUS_CODING	Small subunit processome component 20 homolog
*Ca_Desig_SNP1432	scaffold00890	1593	[T/C]		INTERGENIC	
*Ca_Desig_SNP1433	scaffold01675	110967	[G/A]		INTERGENIC	
*Ca_Desig_SNP1434	scaffold00779	2233	[T/C]		INTERGENIC	
*Ca_Desig_SNP1435	scaffold10660	10227	[A/C]		INTERGENIC	
*Ca_Desig_SNP1436	scaffold00646	4863	[T/C]		INTERGENIC	
*Ca_Desig_SNP1437	scaffold00741	775	[T/C]		INTERGENIC	
*Ca_Desig_SNP1438	scaffold00768	3140	[A/G]		INTERGENIC	
*Ca_Desig_SNP1439	Ca_Desig_LG06	5960706	[T/G]	Ca_06904	DOWNSTREAM:1677bases	Peptidyl-prolyl cis-trans isomerase FKBP16-2, chloroplastic
*Ca_Desig_SNP1440	scaffold00897	896	[T/C]		INTERGENIC	
*Ca_Desig_SNP1441	scaffold01797	89411	[C/A]		INTERGENIC	
*Ca_Desig_SNP1442	scaffold00611	2447	[T/C]		INTERGENIC	
*Ca_Desig_SNP1443	Ca_Desig_LG01	13692727	[A/C]	Ca_00980	DOWNSTREAM:1451bases	Methyltransferase-like protein 22
*Ca_Desig_SNP1444	scaffold00866	1022	[T/C]	Ca_14324	DOWNSTREAM:307bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP1445	scaffold05516	73336	[A/C]		INTERGENIC	
*Ca_Desig_SNP1446	scaffold00788	3487	[A/G]		INTERGENIC	
*Ca_Desig_SNP1447	scaffold00860	941	[T/C]		INTERGENIC	
*Ca_Desig_SNP1448	scaffold01104	289	[A/G]		INTERGENIC	
*Ca_Desig_SNP1449	scaffold01499	5225	[T/G]		INTERGENIC	
*Ca_Desig_SNP1450	scaffold01450	60175	[A/G]	Ca_10261	INTRON	Sucrose transport protein SUC3
*Ca_Desig_SNP1451	scaffold00854	2306	[T/C]		INTERGENIC	
*Ca_Desig_SNP1452	scaffold01281	55779	[G/A]		INTERGENIC	
*Ca_Desig_SNP1453	scaffold00735	2820	[A/G]	Ca_13852	DOWNSTREAM:1626bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP1454	scaffold01106	63	[A/G]		INTERGENIC	
*Ca_Desig_SNP1455	Ca_Desig_LG03	18703050	[A/C]	Ca_03484	SYNONYMOUS_CODING	Putative copper-transporting ATPase 3

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1456	scaffold00876	10380	[T/C]		INTERGENIC	
*Ca_Desig_SNP1457	scaffold00646	4954	[A/G]		INTERGENIC	
*Ca_Desig_SNP1458	scaffold02111	106947	[T/G]		INTERGENIC	
*Ca_Desig_SNP1459	scaffold00813	2644	[C/T]		INTERGENIC	
*Ca_Desig_SNP1460	scaffold01131	77	[A/T]		INTERGENIC	
*Ca_Desig_SNP1461	Ca_Desig_LG03	1298497	[C/T]	Ca_02274	SYNONYMOUS_CODING	ADP-ribosylation factor 2
*Ca_Desig_SNP1462	scaffold01131	45	[A/C]		INTERGENIC	
*Ca_Desig_SNP1463	scaffold00735	2849	[A/G]	Ca_13852	DOWNSTREAM:1597bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP1464	scaffold00448	535	[C/T]		INTERGENIC	
*Ca_Desig_SNP1465	scaffold00582	6317	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP1466	scaffold00669	1502	[G/T]		INTERGENIC	
*Ca_Desig_SNP1467	scaffold00775	2371	[T/C]	Ca_13986	DOWNSTREAM:974bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP1468	scaffold00582	5050	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP1469	Ca_Desig_LG02	2124918	[G/C]	Ca_01184	NON_SYNONYMOUS_CODING	LOB domain-containing protein 41
*Ca_Desig_SNP1470	scaffold00729	3471	[G/T]	Ca_13823	INTRON	E3 ubiquitin protein ligase DRIP1
*Ca_Desig_SNP1471	scaffold00761	3617	[T/C]		INTERGENIC	
*Ca_Desig_SNP1472	scaffold00719	2968	[G/A]		INTERGENIC	
*Ca_Desig_SNP1473	scaffold04613	27914	[G/A]	Ca_10567	INTRON	Putative disease resistance protein At3g14460
*Ca_Desig_SNP1474	Ca_Desig_LG03	18702951	[A/C]	Ca_03484	SYNONYMOUS_CODING	Putative copper-transporting ATPase 3
*Ca_Desig_SNP1475	scaffold00771	2527	[A/G]		INTERGENIC	
*Ca_Desig_SNP1476	scaffold04784	46166	[T/G]		INTERGENIC	
*Ca_Desig_SNP1477	Ca_Desig_LG02	15473630	[A/T]		INTERGENIC	
*Ca_Desig_SNP1478	Ca_Desig_LG04	21928532	[C/T]		INTERGENIC	
*Ca_Desig_SNP1479	scaffold01437	25677	[G/A]		INTERGENIC	
*Ca_Desig_SNP1480	scaffold01287	54952	[A/C]		INTERGENIC	
*Ca_Desig_SNP1481	Ca_Desig_LG01	3191486	[T/C]	Ca_00323	SYNONYMOUS_CODING	Oryzain alpha chain



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*Ca_Desig_SNP1482	scaffold00801	3035	[G/T]		INTERGENIC	
*Ca_Desig_SNP1483	scaffold01056	41046	[C/T]		INTERGENIC	
*Ca_Desig_SNP1484	scaffold00768	3011	[T/C]		INTERGENIC	
*Ca_Desig_SNP1485	scaffold00224	156476	[T/C]		INTERGENIC	
*Ca_Desig_SNP1486	Ca_Desig_LG02	8160750	[A/G]	Ca_01655	DOWNSTREAM:910bases	Cytochrome c-type biogenesis protein CcmE
*Ca_Desig_SNP1487	scaffold03653	84654	[A/T]	Ca_09426	DOWNSTREAM:830bases	Metacaspase-1
*Ca_Desig_SNP1488	scaffold00876	5662	[T/C]		INTERGENIC	
*Ca_Desig_SNP1489	Ca_Desig_LG03	22969968	[A/C]	Ca_03843	UTR_3_PRIME:133bases	Nucleobase-ascorbate transporter 11
*Ca_Desig_SNP1490	scaffold09348	54402	[G/T]		INTERGENIC	
*Ca_Desig_SNP1491	scaffold00998	81694	[T/A]		INTERGENIC	
*Ca_Desig_SNP1492	scaffold02375	69679	[G/A]		INTERGENIC	
*Ca_Desig_SNP1493	scaffold01565	107482	[A/T]		INTERGENIC	
*Ca_Desig_SNP1494	Ca_Desig_LG01	7489471	[T/A]	Ca_00593	SYNONYMOUS_CODING	Eukaryotic initiation factor 4A-15
*Ca_Desig_SNP1495	scaffold00804	731	[T/C]		INTERGENIC	
*Ca_Desig_SNP1496	scaffold01437	25680	[A/C]		INTERGENIC	
*Ca_Desig_SNP1497	scaffold00971	136	[A/G]		INTERGENIC	
*Ca_Desig_SNP1498	scaffold05583	116113	[C/A]		INTERGENIC	
*Ca_Desig_SNP1499	Ca_Desig_LG05	9945176	[G/T]	Ca_06081	DOWNSTREAM:1304bases	Unknown expressed protein
*Ca_Desig_SNP1500	Ca_Desig_LG02	7462051	[A/C]		INTERGENIC	
*Ca_Desig_SNP1501	Ca_Desig_LG05	6204622	[T/G]		INTERGENIC	
*Ca_Desig_SNP1502	scaffold00357	3834	[G/A]		INTERGENIC	
*Ca_Desig_SNP1503	scaffold00637	5432	[C/A]		INTERGENIC	
*Ca_Desig_SNP1504	scaffold00514	12620	[A/C]	Ca_09344	DOWNSTREAM:1388bases	Probable calcium-binding protein CML18
*Ca_Desig_SNP1505	scaffold00804	1944	[T/C]		INTERGENIC	
*Ca_Desig_SNP1506	scaffold00894	220125	[G/T]		INTERGENIC	
*Ca_Desig_SNP1507	scaffold00637	5443	[C/A]		INTERGENIC	

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*Ca_Desig_SNP1508	scaffold00192	43367	[A/C]		INTERGENIC	
*Ca_Desig_SNP1509	scaffold00937	224733	[G/T]		INTERGENIC	
*Ca_Desig_SNP1510	scaffold00487	21120	[T/G]	Ca_12840	DOWNSTREAM:448bases	Protein of unknown function (DUF167)
*Ca_Desig_SNP1511	scaffold00517	12790	[G/A]	Ca_12994	INTRON	Imidazole glycerol phosphate synthase hisHF, chloroplastic
*Ca_Desig_SNP1512	scaffold00747	2263	[A/C]		INTERGENIC	
*Ca_Desig_SNP1513	Ca_Desig_LG01	2437941	[T/G]		INTERGENIC	
*Ca_Desig_SNP1514	scaffold01842	36440	[A/C]		INTERGENIC	
*Ca_Desig_SNP1515	scaffold00676	3950	[C/T]		INTERGENIC	
*Ca_Desig_SNP1516	scaffold00347	16941	[T/G]		INTERGENIC	
*Ca_Desig_SNP1517	Ca_Desig_LG04	6512198	[T/G]	Ca_04287	INTRON	Ubiquitin carboxyl-terminal hydrolase 13
*Ca_Desig_SNP1518	Ca_Desig_LG02	12518481	[G/T]	Ca_01820	NON_SYNONYMOUS_CODING	3-oxoacyl-[acyl-carrier-protein] synthase 3 A, chloroplastic
*Ca_Desig_SNP1519	scaffold00876	795	[A/G]		INTERGENIC	
*Ca_Desig_SNP1520	scaffold00852	959	[A/G]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP1521	Ca_Desig_LG03	18823826	[C/A]		INTERGENIC	
*Ca_Desig_SNP1522	Ca_Desig_LG07	463991	[G/A]	Ca_07419	NON_SYNONYMOUS_CODING	Cytochrome P450 76A2
*Ca_Desig_SNP1523	scaffold01647	24275	[G/A]		INTERGENIC	
*Ca_Desig_SNP1524	scaffold00495	1686	[C/A]		INTERGENIC	
*Ca_Desig_SNP1525	Ca_Desig_LG01	3545305	[T/G]		INTERGENIC	
*Ca_Desig_SNP1526	scaffold01756	47134	[A/C]		INTERGENIC	
*Ca_Desig_SNP1527	scaffold01172	112	[A/G]		INTERGENIC	
*Ca_Desig_SNP1528	Ca_Desig_LG03	6757836	[G/A]	Ca_02701	SYNONYMOUS_CODING	Vacuolar protein sorting-associated protein 27
*Ca_Desig_SNP1529	Ca_Desig_LG03	21550846	[G/A]		INTERGENIC	
*Ca_Desig_SNP1530	scaffold00261	25154	[C/G]		INTERGENIC	
*Ca_Desig_SNP1531	scaffold12101	1953	[G/T]		INTERGENIC	
*Ca_Desig_SNP1532	Ca_Desig_LG05	600687	[A/T]	Ca_05274	INTRON	Probable alanine-tRNA ligase, chloroplastic
*Ca_Desig_SNP1533	scaffold00876	855	[A/G]		INTERGENIC	

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*Ca_Desig_SNP1534	scaffold00820	231	[A/C]		INTERGENIC	
*Ca_Desig_SNP1535	scaffold01165	37162	[G/T]	Ca_10047	DOWNSTREAM:818bases	--
*Ca_Desig_SNP1536	scaffold00676	928	[T/C]		INTERGENIC	
*Ca_Desig_SNP1537	Ca_Desig_LG03	6434304	[G/T]		INTERGENIC	
*Ca_Desig_SNP1538	Ca_Desig_LG04	15874915	[T/A]	Ca_04846	DOWNSTREAM:169bases	ATP-dependent DNA helicase Q-like SIM
*Ca_Desig_SNP1539	Ca_Desig_LG03	6758332	[G/A]	Ca_02701	SYNONYMOUS_CODING	Vacuolar protein sorting-associated protein 27
*Ca_Desig_SNP1540	scaffold11144	108895	[A/C]		INTERGENIC	
*Ca_Desig_SNP1541	scaffold00368	28955	[A/C]		INTERGENIC	
*Ca_Desig_SNP1542	scaffold00676	4068	[G/T]		INTERGENIC	
*Ca_Desig_SNP1543	scaffold00768	3103	[T/C]		INTERGENIC	
*Ca_Desig_SNP1544	Ca_Desig_LG07	1050539	[A/T]	Ca_07466	INTRON	Midasin
*Ca_Desig_SNP1545	scaffold00383	26380	[C/T]		INTERGENIC	
*Ca_Desig_SNP1546	scaffold03772	41833	[A/C]		INTERGENIC	
*Ca_Desig_SNP1547	Ca_Desig_LG03	6544365	[A/G]		INTERGENIC	
*Ca_Desig_SNP1548	Ca_Desig_LG07	4370423	[C/A]	Ca_07661	INTRON	Putative uncharacterized protein
*Ca_Desig_SNP1549	Ca_Desig_LG03	17138109	[C/A]		INTERGENIC	
*Ca_Desig_SNP1550	scaffold00908	199681	[T/C]		INTERGENIC	
*Ca_Desig_SNP1551	scaffold00582	5052	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP1552	scaffold01159	177	[T/C]		INTERGENIC	
*Ca_Desig_SNP1553	scaffold00785	2119	[A/C]		INTERGENIC	
*Ca_Desig_SNP1554	Ca_Desig_LG03	18702952	[C/G]	Ca_03484	NON_SYNONYMOUS_CODING	Putative copper-transporting ATPase 3
*Ca_Desig_SNP1555	Ca_Desig_LG03	6434961	[T/A]		INTERGENIC	
*Ca_Desig_SNP1556	scaffold00676	1085	[G/C]		INTERGENIC	
*Ca_Desig_SNP1557	scaffold00212	151757	[T/G]	Ca_08884	INTRON	zinc ion binding
*Ca_Desig_SNP1558	scaffold00676	4213	[T/C]		INTERGENIC	
*Ca_Desig_SNP1559	Ca_Desig_LG03	6776192	[G/A]	Ca_02704	DOWNSTREAM:1797bases	Putative uncharacterized protein

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*Ca_Desig_SNP1560	Ca_Desig_LG05	11437653	[G/T]		INTERGENIC	
*Ca_Desig_SNP1561	scaffold00582	5057	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP1562	Ca_Desig_LG03	6593404	[A/G]	Ca_02686	SYNONYMOUS_CODING	Long-chain-alcohol oxidase FAO2
*Ca_Desig_SNP1563	Ca_Desig_LG03	6738992	[A/G]	Ca_02699	SYNONYMOUS_CODING	Protein of unknown function (DUF640)
*Ca_Desig_SNP1564	scaffold00884	1604	[A/G]		INTERGENIC	
*Ca_Desig_SNP1565	scaffold00078	7945	[T/C]		INTERGENIC	
*Ca_Desig_SNP1566	scaffold00884	686	[T/C]		INTERGENIC	
*Ca_Desig_SNP1567	Ca_Desig_LG03	7059071	[A/G]		INTERGENIC	
*Ca_Desig_SNP1568	Ca_Desig_LG03	995109	[A/C]		INTERGENIC	
*Ca_Desig_SNP1569	scaffold00582	5075	[A/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP1570	Ca_Desig_LG05	7699239	[T/G]	Ca_05857	NON_SYNONYMOUS_CODING	Trihelix transcription factor GT-1
*Ca_Desig_SNP1571	scaffold00788	3455	[T/C]		INTERGENIC	
*Ca_Desig_SNP1572	scaffold00971	134	[T/C]		INTERGENIC	
*Ca_Desig_SNP1573	scaffold01122	81	[A/G]		INTERGENIC	
*Ca_Desig_SNP1574	scaffold00824	2784	[G/C]		INTERGENIC	
*Ca_Desig_SNP1575	scaffold02299	98443	[C/T]		INTERGENIC	
*Ca_Desig_SNP1576	Ca_Desig_LG03	17065575	[G/A]	Ca_03329	SYNONYMOUS_CODING	CBS domain-containing protein CBSX1, chloroplastic
*Ca_Desig_SNP1577	Ca_Desig_LG04	2449602	[T/A]		INTERGENIC	
*Ca_Desig_SNP1578	Ca_Desig_LG03	6434644	[C/T]		INTERGENIC	
*Ca_Desig_SNP1579	scaffold00941	778	[G/C]		INTERGENIC	
*Ca_Desig_SNP1580	Ca_Desig_LG03	13829504	[T/C]		INTERGENIC	
*Ca_Desig_SNP1581	scaffold00668	2083	[T/G]		INTERGENIC	
*Ca_Desig_SNP1582	scaffold00854	2293	[A/G]		INTERGENIC	
*Ca_Desig_SNP1583	scaffold01096	390	[C/T]		INTERGENIC	
*Ca_Desig_SNP1584	scaffold01949	15901	[T/G]	Ca_09783	INTRON	Protein SUPPRESSOR OF npr1-1, CONSTITUTIVE 1
*Ca_Desig_SNP1585	scaffold00741	898	[A/G]		INTERGENIC	

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*Ca_Desig_SNP1586	Ca_Desig_LG02	6088463	[T/G]	Ca_01465	SYNONYMOUS_CODING	Arginine decarboxylase
*Ca_Desig_SNP1587	Ca_Desig_LG03	6543089	[T/A]	Ca_02681	DOWNSTREAM:1824bases	Peptide transporter PTR3-A
*Ca_Desig_SNP1588	Ca_Desig_LG03	6758461	[T/C]	Ca_02701	SYNONYMOUS_CODING	Vacuolar protein sorting-associated protein 27
*Ca_Desig_SNP1589	scaffold00480	11006	[C/T]	Ca_12823	INTRON	Protein KIAA0664 homolog
*Ca_Desig_SNP1590	scaffold00771	1920	[A/C]		INTERGENIC	
*Ca_Desig_SNP1591	scaffold00778	1845	[G/T]		INTERGENIC	
*Ca_Desig_SNP1592	scaffold00945	206048	[A/G]		INTERGENIC	
*Ca_Desig_SNP1593	Ca_Desig_LG03	6435914	[C/A]		INTERGENIC	
*Ca_Desig_SNP1594	Ca_Desig_LG03	6593914	[A/G]	Ca_02686	SYNONYMOUS_CODING	Long-chain-alcohol oxidase FAO2
*Ca_Desig_SNP1595	scaffold00312	17195	[A/C]	Ca_11992	DOWNSTREAM:1289bases	Ubiquitin-activating enzyme E1 1
*Ca_Desig_SNP1596	scaffold00463	26272	[A/C]		INTERGENIC	
*Ca_Desig_SNP1597	Ca_Desig_LG03	6723814	[A/G]		INTERGENIC	
*Ca_Desig_SNP1598	scaffold00761	3560	[A/G]		INTERGENIC	
*Ca_Desig_SNP1599	scaffold00854	327	[T/C]		INTERGENIC	
*Ca_Desig_SNP1600	Ca_Desig_LG03	6641323	[A/G]	Ca_02692	INTRON	Casein kinase I isoform delta-like
*Ca_Desig_SNP1601	Ca_Desig_LG03	6547617	[A/C]		INTERGENIC	
*Ca_Desig_SNP1602	Ca_Desig_LG03	11146473	[A/C]	Ca_02911	DOWNSTREAM:1709bases	Basic leucine zipper and W2 domain-containing protein 2
*Ca_Desig_SNP1603	Ca_Desig_LG03	3579279	[A/T]	Ca_02453	DOWNSTREAM:1198bases	Acyl-CoA-binding domain-containing protein 4
*Ca_Desig_SNP1604	Ca_Desig_LG03	6547078	[C/T]		INTERGENIC	
*Ca_Desig_SNP1605	Ca_Desig_LG03	6544021	[A/T]		INTERGENIC	
*Ca_Desig_SNP1606	Ca_Desig_LG03	6544126	[A/G]		INTERGENIC	
*Ca_Desig_SNP1607	scaffold01675	110970	[G/T]		INTERGENIC	
*Ca_Desig_SNP1608	Ca_Desig_LG03	6436085	[A/G]		INTERGENIC	
*Ca_Desig_SNP1609	Ca_Desig_LG03	6799092	[T/A]	Ca_02707	INTRON	UPF0420 protein C16orf58 homolog
*Ca_Desig_SNP1610	scaffold00982	271503	[G/C]		INTERGENIC	
*Ca_Desig_SNP1611	Ca_Desig_LG03	6436024	[A/G]		INTERGENIC	

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*Ca_Desig_SNP1612	scaffold00852	739	[T/C]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP1613	scaffold00876	5670	[T/C]		INTERGENIC	
*Ca_Desig_SNP1614	Ca_Desig_LG03	6720703	[A/C]	Ca_02698	DOWNSTREAM:1644bases	Probable arabinose 5-phosphate isomerase
*Ca_Desig_SNP1615	Ca_Desig_LG03	5955064	[A/G]		INTERGENIC	
*Ca_Desig_SNP1616	scaffold00266	20083	[C/G]		INTERGENIC	
*Ca_Desig_SNP1617	Ca_Desig_LG04	21192547	[A/C]		INTERGENIC	
*Ca_Desig_SNP1618	scaffold02771	72300	[A/G]		INTERGENIC	
*Ca_Desig_SNP1619	Ca_Desig_LG03	6547513	[G/A]		INTERGENIC	
*Ca_Desig_SNP1620	scaffold04411	47484	[A/C]		INTERGENIC	
*Ca_Desig_SNP1621	Ca_Desig_LG05	14344088	[T/C]	Ca_06389	NON_SYNONYMOUS_CODING	Vacuolar protein sorting-associated protein 16 homolog
*Ca_Desig_SNP1622	Ca_Desig_LG03	3580883	[C/T]	Ca_02453	INTRON	Acyl-CoA-binding domain-containing protein 4
*Ca_Desig_SNP1623	scaffold03310	35043	[G/T]		INTERGENIC	
*Ca_Desig_SNP1624	scaffold00776	2592	[G/A]		INTERGENIC	
*Ca_Desig_SNP1625	Ca_Desig_LG05	15239787	[T/C]	Ca_06428	INTRON	tRNA-dihydrouridine synthase A
*Ca_Desig_SNP1626	Ca_Desig_LG03	4100572	[T/C]		INTERGENIC	
*Ca_Desig_SNP1627	scaffold00266	27348	[C/T]	Ca_11695	INTRON	Polyadenylate-binding protein 2
*Ca_Desig_SNP1628	Ca_Desig_LG03	6758389	[C/T]	Ca_02701	SYNONYMOUS_CODING	Vacuolar protein sorting-associated protein 27
*Ca_Desig_SNP1629	Ca_Desig_LG03	6390861	[G/A]	Ca_02666	INTRON	Histone-lysine N-methyltransferase SUV4
*Ca_Desig_SNP1630	Ca_Desig_LG06	4072763	[A/C]	Ca_06752	SYNONYMOUS_CODING	Nuclear pore complex protein Nup155
*Ca_Desig_SNP1631	scaffold00776	2584	[T/G]		INTERGENIC	
*Ca_Desig_SNP1632	scaffold00582	13914	[T/C]	Ca_13282	DOWNSTREAM:17bases	Transaldolase
*Ca_Desig_SNP1633	scaffold00982	263751	[T/A]		INTERGENIC	
*Ca_Desig_SNP1634	Ca_Desig_LG03	6435997	[G/A]		INTERGENIC	
*Ca_Desig_SNP1635	scaffold01157	4879	[G/A]		INTERGENIC	
*Ca_Desig_SNP1636	scaffold00438	21822	[G/A]		INTERGENIC	
*Ca_Desig_SNP1637	Ca_Desig_LG03	6812090	[C/T]	Ca_02708	DOWNSTREAM:1892bases	Actin-depolymerizing factor

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*Ca_Desig_SNP1638	scaffold00804	751	[A/G]		INTERGENIC	
*Ca_Desig_SNP1639	scaffold00768	3105	[T/C]		INTERGENIC	
*Ca_Desig_SNP1640	scaffold00266	24994	[C/G]	Ca_11695	NON_SYNONYMOUS_CODING	Polyadenylate-binding protein 2
*Ca_Desig_SNP1641	scaffold07988	102533	[A/G]		INTERGENIC	
*Ca_Desig_SNP1642	scaffold00761	3573	[T/C]		INTERGENIC	
*Ca_Desig_SNP1643	Ca_Desig_LG04	4087180	[A/G]	Ca_04169	SYNONYMOUS_CODING	Probable galactinol--sucrose galactosyltransferase 1
*Ca_Desig_SNP1644	scaffold00998	221315	[A/G]		INTERGENIC	
*Ca_Desig_SNP1645	scaffold00779	2322	[T/C]		INTERGENIC	
*Ca_Desig_SNP1646	scaffold02578	42094	[A/C]		INTERGENIC	
*Ca_Desig_SNP1647	scaffold00816	2323	[G/C]		INTERGENIC	
*Ca_Desig_SNP1648	Ca_Desig_LG03	5804745	[C/G]	Ca_02600	SYNONYMOUS_CODING	WD repeat-containing protein 3
*Ca_Desig_SNP1649	scaffold01585	34258	[T/G]		INTERGENIC	
*Ca_Desig_SNP1650	scaffold04453	258773	[T/C]		INTERGENIC	
*Ca_Desig_SNP1651	Ca_Desig_LG03	3538547	[C/A]	Ca_02448	INTRON	Cell cycle checkpoint control protein RAD9A
*Ca_Desig_SNP1652	Ca_Desig_LG03	12543821	[T/G]	Ca_03032	NON_SYNONYMOUS_CODING	NAD-dependent malic enzyme 59 kDa isoform, mitochondrial
*Ca_Desig_SNP1653	scaffold01428	173201	[T/A]		INTERGENIC	
*Ca_Desig_SNP1654	scaffold04114	5169	[T/C]		INTERGENIC	
*Ca_Desig_SNP1655	scaffold00982	220494	[A/G]		INTERGENIC	
*Ca_Desig_SNP1656	Ca_Desig_LG03	4174824	[G/T]	Ca_02518	UTR_3_PRIME:331bases	Unknown expressed protein
*Ca_Desig_SNP1657	scaffold00779	2341	[G/A]		INTERGENIC	
*Ca_Desig_SNP1658	Ca_Desig_LG03	4053071	[A/C]		INTERGENIC	
*Ca_Desig_SNP1659	Ca_Desig_LG03	3973381	[G/A]	Ca_02494	INTRON	Probable glutamate carboxypeptidase 2
*Ca_Desig_SNP1660	scaffold04453	258779	[T/C]		INTERGENIC	
*Ca_Desig_SNP1661	Ca_Desig_LG03	4034617	[T/G]	Ca_02500	DOWNSTREAM:904bases	Pre-mRNA-splicing factor rse1
*Ca_Desig_SNP1662	Ca_Desig_LG03	3518795	[G/C]		INTERGENIC	
*Ca_Desig_SNP1663	Ca_Desig_LG03	4019445	[G/T]	Ca_02499	SYNONYMOUS_CODING	Calcium homeostasis endoplasmic reticulum protein

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1664	scaffold00646	2074	[T/A]		INTERGENIC	
*Ca_Desig_SNP1665	scaffold00884	1618	[T/C]		INTERGENIC	
*Ca_Desig_SNP1666	scaffold00735	2864	[T/C]	Ca_13852	DOWNSTREAM:1582bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP1667	Ca_Desig_LG08	8432955	[C/A]	Ca_08610	INTRON	Protein MSP1
*Ca_Desig_SNP1668	scaffold00768	3125	[A/G]		INTERGENIC	
*Ca_Desig_SNP1669	Ca_Desig_LG03	4100725	[T/A]		INTERGENIC	
*Ca_Desig_SNP1670	Ca_Desig_LG03	4004966	[G/C]	Ca_02498	INTRON	Uncharacterized protein At3g58460
*Ca_Desig_SNP1671	Ca_Desig_LG03	2915510	[C/T]		INTERGENIC	
*Ca_Desig_SNP1672	scaffold00982	264003	[G/A]		INTERGENIC	
*Ca_Desig_SNP1673	Ca_Desig_LG03	4040430	[G/A]	Ca_02500	DOWNSTREAM:1188bases	Pre-mRNA-splicing factor rse1
*Ca_Desig_SNP1674	scaffold00266	37834	[A/G]	Ca_11696	DOWNSTREAM:301bases	E3 ubiquitin-protein ligase MARCH6
*Ca_Desig_SNP1675	Ca_Desig_LG03	4118888	[A/G]		INTERGENIC	
*Ca_Desig_SNP1676	Ca_Desig_LG03	4175622	[C/A]	Ca_02518	INTRON	Unknown expressed protein
*Ca_Desig_SNP1677	Ca_Desig_LG03	4038954	[C/G]	Ca_02501	DOWNSTREAM:964bases	Release factor glutamine methyltransferase
*Ca_Desig_SNP1678	scaffold00207	28256	[A/C]		INTERGENIC	
*Ca_Desig_SNP1679	scaffold00585	5128	[A/C]		INTERGENIC	
*Ca_Desig_SNP1680	scaffold00598	7505	[C/T]		INTERGENIC	
*Ca_Desig_SNP1681	scaffold00779	1028	[C/A]		INTERGENIC	
*Ca_Desig_SNP1682	Ca_Desig_LG03	4003568	[C/A]	Ca_02498	DOWNSTREAM:824bases	Uncharacterized protein At3g58460
*Ca_Desig_SNP1683	Ca_Desig_LG03	3612217	[T/C]		INTERGENIC	
*Ca_Desig_SNP1684	Ca_Desig_LG03	3967388	[A/G]	Ca_02494	INTRON	Probable glutamate carboxypeptidase 2
*Ca_Desig_SNP1685	scaffold02022	85924	[C/T]		INTERGENIC	
*Ca_Desig_SNP1686	Ca_Desig_LG03	4100741	[A/G]		INTERGENIC	
*Ca_Desig_SNP1687	Ca_Desig_LG03	3631402	[A/G]	Ca_02457	SYNONYMOUS_CODING	DNA polymerase zeta catalytic subunit
*Ca_Desig_SNP1688	Ca_Desig_LG03	4019505	[C/T]	Ca_02499	SYNONYMOUS_CODING	Calcium homeostasis endoplasmic reticulum protein
*Ca_Desig_SNP1689	Ca_Desig_LG03	4039042	[G/A]	Ca_02501	DOWNSTREAM:876bases	Release factor glutamine methyltransferase



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*Ca_Desig_SNP1690	Ca_Desig_LG03	3633582	[A/G]	Ca_02457	INTRON	DNA polymerase zeta catalytic subunit
*Ca_Desig_SNP1691	Ca_Desig_LG03	3576686	[A/G]		INTERGENIC	
*Ca_Desig_SNP1692	Ca_Desig_LG03	4053024	[A/G]		INTERGENIC	
*Ca_Desig_SNP1693	scaffold04453	258801	[T/C]		INTERGENIC	
*Ca_Desig_SNP1694	scaffold00769	292	[C/T]		INTERGENIC	
*Ca_Desig_SNP1695	scaffold00646	4934	[A/G]		INTERGENIC	
*Ca_Desig_SNP1696	Ca_Desig_LG03	854698	[C/T]	Ca_02225	DOWNSTREAM:226bases	Cytochrome b5 isoform 1
*Ca_Desig_SNP1697	Ca_Desig_LG03	3946457	[G/T]	Ca_02491	SYNONYMOUS_CODING	D-lactate dehydrogenase [cytochrome], mitochondrial
*Ca_Desig_SNP1698	Ca_Desig_LG03	3635915	[A/G]		INTERGENIC	
*Ca_Desig_SNP1699	scaffold01283	56049	[T/A]		INTERGENIC	
*Ca_Desig_SNP1700	Ca_Desig_LG03	4086443	[C/T]	Ca_02506	INTRON	Cohesin subunit SA-1
*Ca_Desig_SNP1701	scaffold00055	320076	[C/T]	Ca_08802	NON_SYNONYMOUS_CODING	Protein ABIL1
*Ca_Desig_SNP1702	Ca_Desig_LG03	3523403	[T/C]	Ca_02446	INTRON	ATP-dependent Clp protease proteolytic subunit-related protein 3, chloroplastic
*Ca_Desig_SNP1703	scaffold00982	263922	[A/T]		INTERGENIC	
*Ca_Desig_SNP1704	Ca_Desig_LG03	3567288	[T/A]	Ca_02451	INTRON	Putative protease Do-like 14
*Ca_Desig_SNP1705	scaffold00266	38095	[G/C]	Ca_11696	DOWNSTREAM:40bases	E3 ubiquitin-protein ligase MARCH6
*Ca_Desig_SNP1706	Ca_Desig_LG03	3524914	[A/G]	Ca_02446	SYNONYMOUS_CODING	ATP-dependent Clp protease proteolytic subunit-related protein 3, chloroplastic
*Ca_Desig_SNP1707	scaffold00266	4100	[T/C]		INTERGENIC	
*Ca_Desig_SNP1708	Ca_Desig_LG03	3567444	[C/T]	Ca_02451	SYNONYMOUS_CODING	Putative protease Do-like 14
*Ca_Desig_SNP1709	Ca_Desig_LG03	3576516	[C/T]		INTERGENIC	
*Ca_Desig_SNP1710	scaffold00779	1048	[A/G]		INTERGENIC	
*Ca_Desig_SNP1711	scaffold00702	6578	[T/C]		INTERGENIC	
*Ca_Desig_SNP1712	scaffold00429	26593	[G/C]		INTERGENIC	
*Ca_Desig_SNP1713	scaffold00938	1109	[T/C]		INTERGENIC	
*Ca_Desig_SNP1714	scaffold11151	48706	[A/T]		INTERGENIC	
*Ca_Desig_SNP1715	scaffold01100	252	[G/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1716	scaffold04196	26187	[T/A]	Ca_10354	NON_SYNONYMOUS_CODING	Nuclear-pore anchor
*Ca_Desig_SNP1717	Ca_Desig_LG03	23024193	[C/A]	Ca_03848	INTRON	Mechanosensitive ion channel protein 2, chloroplastic
*Ca_Desig_SNP1718	scaffold13659	30796	[T/C]		INTERGENIC	
*Ca_Desig_SNP1719	scaffold00670	157787	[T/C]		INTERGENIC	
*Ca_Desig_SNP1720	scaffold00634	48266	[T/C]		INTERGENIC	
*Ca_Desig_SNP1721	scaffold02243	47531	[G/T]		INTERGENIC	
*Ca_Desig_SNP1722	scaffold00378	27389	[G/A]		INTERGENIC	
*Ca_Desig_SNP1723	Ca_Desig_LG02	326926	[T/G]	Ca_01051	INTRON	Polypyrimidine tract-binding protein homolog 2
*Ca_Desig_SNP1724	scaffold00763	247	[A/C]		INTERGENIC	
*Ca_Desig_SNP1725	scaffold11144	88028	[C/T]		INTERGENIC	
*Ca_Desig_SNP1726	scaffold00631	93636	[G/A]		INTERGENIC	
*Ca_Desig_SNP1727	scaffold00643	77662	[C/T]		INTERGENIC	
*Ca_Desig_SNP1728	scaffold05316	60478	[T/C]		INTERGENIC	
*Ca_Desig_SNP1729	scaffold00325	24474	[T/G]		INTERGENIC	
*Ca_Desig_SNP1730	Ca_Desig_LG04	4936836	[G/A]		INTERGENIC	
*Ca_Desig_SNP1731	scaffold00643	78777	[A/G]		INTERGENIC	
*Ca_Desig_SNP1732	Ca_Desig_LG04	4771738	[T/C]		INTERGENIC	
*Ca_Desig_SNP1733	scaffold04586	108758	[C/T]		INTERGENIC	
*Ca_Desig_SNP1734	scaffold00451	27747	[T/C]		INTERGENIC	
*Ca_Desig_SNP1735	scaffold07271	9978	[T/G]		INTERGENIC	
*Ca_Desig_SNP1736	scaffold00270	13564	[C/T]		INTERGENIC	
*Ca_Desig_SNP1737	Ca_Desig_LG04	371113	[A/T]		INTERGENIC	
*Ca_Desig_SNP1738	scaffold04235	28884	[G/C]		INTERGENIC	
*Ca_Desig_SNP1739	scaffold01791	65179	[C/T]		INTERGENIC	
*Ca_Desig_SNP1740	Ca_Desig_LG04	937980	[A/T]		INTERGENIC	
*Ca_Desig_SNP1741	scaffold11144	82728	[C/T]		INTERGENIC	

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*Ca_Desig_SNP1742	scaffold00715	2277	[G/A]		INTERGENIC	
*Ca_Desig_SNP1743	scaffold00394	21773	[G/A]	Ca_12421	INTRON	NHL repeat-containing protein 2
*Ca_Desig_SNP1744	scaffold01984	78351	[A/G]		INTERGENIC	
*Ca_Desig_SNP1745	Ca_Desig_LG04	3123418	[C/T]		INTERGENIC	
*Ca_Desig_SNP1746	scaffold00423	6750	[C/T]		INTERGENIC	
*Ca_Desig_SNP1747	Ca_Desig_LG02	6968273	[T/G]		INTERGENIC	
*Ca_Desig_SNP1748	scaffold01432	35034	[G/T]		INTERGENIC	
*Ca_Desig_SNP1749	scaffold00523	15870	[A/T]	Ca_13048	DOWNSTREAM:1370bases	unknown protein; Has 30201 Blast hits to 17322 proteins in 780 species: Archae - 12; Bacteria - 1396; Metazoa -
*Ca_Desig_SNP1750	Ca_Desig_LG04	4848730	[G/A]	Ca_04217	INTRON	Chlorophyllide a oxygenase, chloroplastic
*Ca_Desig_SNP1751	scaffold02424	86313	[A/T]		INTERGENIC	
*Ca_Desig_SNP1752	scaffold04586	185465	[C/T]		INTERGENIC	
*Ca_Desig_SNP1753	scaffold00441	71410	[C/G]	Ca_09233	DOWNSTREAM:815bases	NF-X1-type zinc finger protein NFXL2
*Ca_Desig_SNP1754	scaffold03869	30151	[C/G]		INTERGENIC	
*Ca_Desig_SNP1755	scaffold02333	27089	[T/C]		INTERGENIC	
*Ca_Desig_SNP1756	scaffold02333	87259	[A/C]		INTERGENIC	
*Ca_Desig_SNP1757	scaffold02333	27048	[T/C]		INTERGENIC	
*Ca_Desig_SNP1758	scaffold01362	93356	[T/C]		INTERGENIC	
*Ca_Desig_SNP1759	scaffold01073	566	[T/A]		INTERGENIC	
*Ca_Desig_SNP1760	Ca_Desig_LG04	12119500	[T/C]		INTERGENIC	
*Ca_Desig_SNP1761	Ca_Desig_LG07	1668089	[T/C]	Ca_07493	INTRON	tobamovirus multiplication protein 3
*Ca_Desig_SNP1762	scaffold02299	100048	[C/T]		INTERGENIC	
*Ca_Desig_SNP1763	Ca_Desig_LG04	4905849	[G/A]	Ca_04222	INTRON	Cell division control protein 48 homolog C
*Ca_Desig_SNP1764	scaffold00423	6796	[T/C]		INTERGENIC	
*Ca_Desig_SNP1765	Ca_Desig_LG04	5408655	[C/T]	Ca_04241	INTRON	Cyclin-J18-like
*Ca_Desig_SNP1766	scaffold00634	125412	[C/A]		INTERGENIC	
*Ca_Desig_SNP1767	scaffold00523	15551	[A/G]	Ca_13048	DOWNSTREAM:1051bases	Unknown expressed protein

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1768	scaffold00215	255917	[A/G]		INTERGENIC	
*Ca_Desig_SNP1769	Ca_Desig_LG04	4939952	[C/T]		INTERGENIC	
*Ca_Desig_SNP1770	scaffold11144	103362	[G/A]		INTERGENIC	
*Ca_Desig_SNP1771	scaffold03869	30012	[A/G]		INTERGENIC	
*Ca_Desig_SNP1772	Ca_Desig_LG04	4771528	[G/T]		INTERGENIC	
*Ca_Desig_SNP1773	Ca_Desig_LG02	6968279	[G/C]		INTERGENIC	
*Ca_Desig_SNP1774	scaffold00331	598	[T/C]		INTERGENIC	
*Ca_Desig_SNP1775	scaffold00477	12208	[C/A]		INTERGENIC	
*Ca_Desig_SNP1776	scaffold01101	230	[T/C]		INTERGENIC	
*Ca_Desig_SNP1777	Ca_Desig_LG02	437745	[T/C]		INTERGENIC	
*Ca_Desig_SNP1778	scaffold01362	107233	[C/T]		INTERGENIC	
*Ca_Desig_SNP1779	scaffold00215	388175	[G/A]		INTERGENIC	
*Ca_Desig_SNP1780	scaffold00215	388191	[T/C]		INTERGENIC	
*Ca_Desig_SNP1781	scaffold00866	1061	[T/C]	Ca_14324	DOWNSTREAM:268bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP1782	scaffold01092	18	[C/T]		INTERGENIC	
*Ca_Desig_SNP1783	scaffold04586	123281	[C/T]		INTERGENIC	
*Ca_Desig_SNP1784	scaffold01709	116328	[A/G]		INTERGENIC	
*Ca_Desig_SNP1785	scaffold00551	1913	[A/G]		INTERGENIC	
*Ca_Desig_SNP1786	Ca_Desig_LG02	327691	[C/G]	Ca_01051	INTRON	Polypyrimidine tract-binding protein homolog 2
*Ca_Desig_SNP1787	scaffold00215	253358	[T/A]		INTERGENIC	
*Ca_Desig_SNP1788	Ca_Desig_LG04	6110371	[A/G]		INTERGENIC	
*Ca_Desig_SNP1789	scaffold00835	18044	[C/G]	Ca_09737	INTRON	DNA polymerase epsilon catalytic subunit A
*Ca_Desig_SNP1790	scaffold01564	66779	[T/C]		INTERGENIC	
*Ca_Desig_SNP1791	scaffold00876	879	[T/C]		INTERGENIC	
*Ca_Desig_SNP1792	scaffold08121	42734	[C/G]		INTERGENIC	
*Ca_Desig_SNP1793	Ca_Desig_LG02	278283	[T/A]	Ca_01047	DOWNSTREAM:654bases	Cyclic nucleotide-gated ion channel 1

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1794	scaffold00686	1911	[A/G]		INTERGENIC	
*Ca_Desig_SNP1795	scaffold00505	7701	[G/A]		INTERGENIC	
*Ca_Desig_SNP1796	scaffold01362	107009	[G/A]		INTERGENIC	
*Ca_Desig_SNP1797	scaffold00736	39841	[C/T]		INTERGENIC	
*Ca_Desig_SNP1798	scaffold05316	40819	[T/C]		INTERGENIC	
*Ca_Desig_SNP1799	scaffold00775	2378	[T/C]	Ca_13986	DOWNSTREAM:981bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP1800	scaffold01565	107481	[G/T]		INTERGENIC	
*Ca_Desig_SNP1801	Ca_Desig_LG02	318397	[A/C]		INTERGENIC	
*Ca_Desig_SNP1802	scaffold07356	154904	[T/G]		INTERGENIC	
*Ca_Desig_SNP1803	scaffold02036	25309	[A/C]		INTERGENIC	
*Ca_Desig_SNP1804	scaffold02036	25310	[G/T]		INTERGENIC	
*Ca_Desig_SNP1805	Ca_Desig_LG02	11422719	[G/T]		INTERGENIC	
*Ca_Desig_SNP1806	Ca_Desig_LG04	12119463	[A/G]		INTERGENIC	
*Ca_Desig_SNP1807	scaffold00686	1896	[G/T]		INTERGENIC	
*Ca_Desig_SNP1808	scaffold02036	25308	[A/T]		INTERGENIC	
*Ca_Desig_SNP1809	scaffold00640	2803	[G/T]	Ca_13529	DOWNSTREAM:1412bases	Trihelix transcription factor GT-2
*Ca_Desig_SNP1810	Ca_Desig_LG04	367811	[A/G]		INTERGENIC	
*Ca_Desig_SNP1811	scaffold14943	34555	[G/A]	Ca_10460	DOWNSTREAM:1817bases	Ankyrin repeat family protein
*Ca_Desig_SNP1812	scaffold04721	48203	[A/T]		INTERGENIC	
*Ca_Desig_SNP1813	scaffold15702	53716	[G/T]		INTERGENIC	
*Ca_Desig_SNP1814	Ca_Desig_LG03	17296688	[T/C]		INTERGENIC	
*Ca_Desig_SNP1815	Ca_Desig_LG04	7406408	[G/C]	Ca_04335	INTRON	Uncharacterized aarF domain-containing protein kinase At4q31390, chloroplastic
*Ca_Desig_SNP1816	scaffold00768	3108	[A/G]		INTERGENIC	
*Ca_Desig_SNP1817	scaffold00938	1151	[A/G]		INTERGENIC	
*Ca_Desig_SNP1818	scaffold00735	2847	[T/C]	Ca_13852	DOWNSTREAM:1599bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP1819	scaffold06803	32916	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1820	scaffold00684	6565	[A/G]		INTERGENIC	
*Ca_Desig_SNP1821	scaffold01194	87130	[A/C]		INTERGENIC	
*Ca_Desig_SNP1822	scaffold00938	1154	[A/G]		INTERGENIC	
*Ca_Desig_SNP1823	scaffold00741	838	[A/G]		INTERGENIC	
*Ca_Desig_SNP1824	scaffold00724	78	[G/A]		INTERGENIC	
*Ca_Desig_SNP1825	scaffold02170	35493	[T/G]		INTERGENIC	
*Ca_Desig_SNP1826	scaffold00861	2080	[A/C]		INTERGENIC	
*Ca_Desig_SNP1827	scaffold03349	1946	[T/A]		INTERGENIC	
*Ca_Desig_SNP1828	scaffold00768	3029	[T/C]		INTERGENIC	
*Ca_Desig_SNP1829	Ca_Desig_LG07	1634725	[T/G]	Ca_07491	INTRON	Transcription factor MYB1R1
*Ca_Desig_SNP1830	scaffold00606	2552	[G/A]		INTERGENIC	
*Ca_Desig_SNP1831	scaffold00408	2257	[T/G]		INTERGENIC	
*Ca_Desig_SNP1832	scaffold02483	89864	[G/A]		INTERGENIC	
*Ca_Desig_SNP1833	scaffold00264	20705	[C/T]	Ca_11677	UPSTREAM:1244bases	Domain of unknown function (DUF3598)
*Ca_Desig_SNP1834	scaffold00866	880	[A/G]	Ca_14324	DOWNSTREAM:449bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP1835	scaffold02645	75176	[A/C]		INTERGENIC	
*Ca_Desig_SNP1836	scaffold00870	713	[A/G]		INTERGENIC	
*Ca_Desig_SNP1837	scaffold01090	189794	[A/G]		INTERGENIC	
*Ca_Desig_SNP1838	scaffold00514	18646	[A/C]		INTERGENIC	
*Ca_Desig_SNP1839	Ca_Desig_LG04	1228422	[C/A]	Ca_03974	NON_SYNONYMOUS_CODING	Protein SERAC1
*Ca_Desig_SNP1840	scaffold00603	6494	[A/T]		INTERGENIC	
*Ca_Desig_SNP1841	scaffold00788	3470	[T/C]		INTERGENIC	
*Ca_Desig_SNP1842	Ca_Desig_LG07	1634729	[T/A]	Ca_07491	INTRON	Transcription factor MYB1R1
*Ca_Desig_SNP1843	Ca_Desig_LG02	281905	[C/T]		INTERGENIC	
*Ca_Desig_SNP1844	Ca_Desig_LG04	4837373	[T/G]	Ca_04215	SYNONYMOUS_CODING	Filament-like plant protein (Fragment)
*Ca_Desig_SNP1845	scaffold00583	8081	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1846	scaffold00077	50004	[T/G]		INTERGENIC	
*Ca_Desig_SNP1847	scaffold03293	45419	[C/T]		INTERGENIC	
*Ca_Desig_SNP1848	scaffold00055	318197	[T/A]	Ca_08802	DOWNSTREAM:1839bases	Protein ABIL1
*Ca_Desig_SNP1849	scaffold00885	477	[G/T]	Ca_14382	DOWNSTREAM:1650bases	Pollen-specific leucine-rich repeat extensin-like protein 1
*Ca_Desig_SNP1850	scaffold03896	49117	[A/T]		INTERGENIC	
*Ca_Desig_SNP1851	scaffold00534	199	[T/A]		INTERGENIC	
*Ca_Desig_SNP1852	scaffold00167	12050	[A/T]		INTERGENIC	
*Ca_Desig_SNP1853	scaffold04586	184681	[C/A]		INTERGENIC	
*Ca_Desig_SNP1854	scaffold00429	11327	[C/T]		INTERGENIC	
*Ca_Desig_SNP1855	Ca_Desig_LG07	1635022	[A/G]	Ca_07491	INTRON	Transcription factor MYB1R1
*Ca_Desig_SNP1856	scaffold11144	109266	[A/G]		INTERGENIC	
*Ca_Desig_SNP1857	Ca_Desig_LG03	17835724	[T/C]	Ca_03392	DOWNSTREAM:669bases	Probable LRR receptor-like serine/threonine-protein kinase At1q12460
*Ca_Desig_SNP1858	scaffold00860	955	[T/C]		INTERGENIC	
*Ca_Desig_SNP1859	scaffold00582	6398	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP1860	scaffold15021	38572	[T/G]		INTERGENIC	
*Ca_Desig_SNP1861	Ca_Desig_LG07	2203320	[A/C]	Ca_07527	INTRON	Phospholipid-transporting ATPase 3
*Ca_Desig_SNP1862	scaffold00588	13047	[A/G]		INTERGENIC	
*Ca_Desig_SNP1863	Ca_Desig_LG04	4768373	[T/C]	Ca_04210	DOWNSTREAM:1477bases	Ribosomal RNA small subunit methyltransferase NEP1
*Ca_Desig_SNP1864	scaffold00429	11281	[T/A]		INTERGENIC	
*Ca_Desig_SNP1865	scaffold00451	23838	[G/A]		INTERGENIC	
*Ca_Desig_SNP1866	Ca_Desig_LG07	1635054	[A/G]	Ca_07491	INTRON	Transcription factor MYB1R1
*Ca_Desig_SNP1867	Ca_Desig_LG07	2736428	[A/C]	Ca_07563	DOWNSTREAM:1968bases	unknown protein; Has 20 Blast hits to 20 proteins in 7 species: Archae - 0; Bacteria - 0; Metazoa - 0; Fungi - 0;
*Ca_Desig_SNP1868	scaffold02299	91967	[C/A]		INTERGENIC	
*Ca_Desig_SNP1869	Ca_Desig_LG01	10441613	[G/A]	Ca_00776	SYNONYMOUS_CODING	unknown protein
*Ca_Desig_SNP1870	Ca_Desig_LG04	4768397	[C/A]	Ca_04210	DOWNSTREAM:1501bases	Ribosomal RNA small subunit methyltransferase NEP1
*Ca_Desig_SNP1871	scaffold11144	108864	[G/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1872	scaffold00824	1783	[T/C]		INTERGENIC	
*Ca_Desig_SNP1873	scaffold01283	84528	[A/T]		INTERGENIC	
*Ca_Desig_SNP1874	scaffold11144	116871	[T/C]		INTERGENIC	
*Ca_Desig_SNP1875	scaffold04586	184677	[A/C]		INTERGENIC	
*Ca_Desig_SNP1876	scaffold02299	98214	[T/C]		INTERGENIC	
*Ca_Desig_SNP1877	scaffold00236	4178	[G/T]		INTERGENIC	
*Ca_Desig_SNP1878	Ca_Desig_LG07	1558730	[T/G]	Ca_07485	NON_SYNONYMOUS_CODING	Protein TRANSPARENT TESTA 12
*Ca_Desig_SNP1879	scaffold00469	6252	[A/G]		INTERGENIC	
*Ca_Desig_SNP1880	scaffold04586	108675	[A/C]		INTERGENIC	
*Ca_Desig_SNP1881	Ca_Desig_LG03	16429260	[A/C]	Ca_03271	SYNONYMOUS_CODING	Homeobox-leucine zipper protein HAT22
*Ca_Desig_SNP1882	scaffold00643	115504	[G/A]	Ca_09510	UPSTREAM:655bases	--
*Ca_Desig_SNP1883	Ca_Desig_LG04	5028184	[C/T]	Ca_04230	SYNONYMOUS_CODING	Two-component response regulator ARR2
*Ca_Desig_SNP1884	scaffold00451	26838	[A/T]		INTERGENIC	
*Ca_Desig_SNP1885	scaffold02299	26212	[C/T]	Ca_10471	INTRON	Protein prune homolog
*Ca_Desig_SNP1886	scaffold00210	30207	[T/A]		INTERGENIC	
*Ca_Desig_SNP1887	scaffold00789	2355	[T/C]		INTERGENIC	
*Ca_Desig_SNP1888	scaffold00394	24760	[T/C]	Ca_12421	NON_SYNONYMOUS_CODING	NHL repeat-containing protein 2
*Ca_Desig_SNP1889	scaffold00876	5419	[A/G]		INTERGENIC	
*Ca_Desig_SNP1890	scaffold00754	150289	[G/A]	Ca_09655	INTRON	Cationic amino acid transporter 6, chloroplastic
*Ca_Desig_SNP1891	scaffold01842	36418	[A/C]		INTERGENIC	
*Ca_Desig_SNP1892	Ca_Desig_LG04	4701545	[C/G]	Ca_04206	SYNONYMOUS_CODING	Acyl-[acyl-carrier-protein] desaturase 6, chloroplastic
*Ca_Desig_SNP1893	Ca_Desig_LG04	5410884	[C/T]	Ca_04241	DOWNSTREAM:686bases	Cyclin-J18-like
*Ca_Desig_SNP1894	Ca_Desig_LG02	11423145	[G/A]		INTERGENIC	
*Ca_Desig_SNP1895	scaffold04586	108727	[T/A]		INTERGENIC	
*Ca_Desig_SNP1896	scaffold11144	108752	[A/G]		INTERGENIC	
*Ca_Desig_SNP1897	Ca_Desig_LG02	327450	[C/G]	Ca_01051	INTRON	Polypyrimidine tract-binding protein homolog 2



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1898	scaffold00394	24624	[T/A]	Ca_12421	INTRON	NHL repeat-containing protein 2
*Ca_Desig_SNP1899	Ca_Desig_LG01	10441697	[C/A]	Ca_00776	SYNONYMOUS_CODING	unknown protein
*Ca_Desig_SNP1900	scaffold02170	35498	[T/G]		INTERGENIC	
*Ca_Desig_SNP1901	Ca_Desig_LG06	9463929	[G/A]		INTERGENIC	
*Ca_Desig_SNP1902	scaffold00876	5668	[T/C]		INTERGENIC	
*Ca_Desig_SNP1903	scaffold00659	86727	[T/G]	Ca_09564	DOWNSTREAM:1522bases	Protein of unknown function (DUF1677)
*Ca_Desig_SNP1904	scaffold00876	5317	[T/C]		INTERGENIC	
*Ca_Desig_SNP1905	scaffold01432	155230	[A/G]		INTERGENIC	
*Ca_Desig_SNP1906	scaffold00396	31679	[A/T]	Ca_12443	INTRON	Lamin-like protein
*Ca_Desig_SNP1907	scaffold00761	3562	[T/C]		INTERGENIC	
*Ca_Desig_SNP1908	scaffold05316	74452	[C/T]	Ca_10154	UPSTREAM:605bases	unknown protein; CONTAINS InterPro DOMAIN/s: Protein of unknown function DUF1499 (InterPro:IPR010865); Has
*Ca_Desig_SNP1909	Ca_Desig_LG04	11674615	[C/A]		INTERGENIC	
*Ca_Desig_SNP1910	scaffold04586	47816	[A/G]	Ca_10065	DOWNSTREAM:807bases	--
*Ca_Desig_SNP1911	scaffold04586	97359	[C/A]		INTERGENIC	
*Ca_Desig_SNP1912	scaffold00860	919	[T/C]		INTERGENIC	
*Ca_Desig_SNP1913	scaffold01046	356	[G/A]		INTERGENIC	
*Ca_Desig_SNP1914	Ca_Desig_LG04	4837602	[A/G]	Ca_04215	SYNONYMOUS_CODING	Filament-like plant protein (Fragment)
*Ca_Desig_SNP1915	scaffold01159	157	[C/T]		INTERGENIC	
*Ca_Desig_SNP1916	scaffold00736	37194	[G/A]		INTERGENIC	
*Ca_Desig_SNP1917	scaffold00261	25241	[A/T]		INTERGENIC	
*Ca_Desig_SNP1918	scaffold02875	67539	[A/C]	Ca_10539	INTRON	tRNA (cytosine(34)-C(5))-methyltransferase
*Ca_Desig_SNP1919	scaffold00923	482	[T/A]		INTERGENIC	
*Ca_Desig_SNP1920	scaffold02551	44982	[A/G]		INTERGENIC	
*Ca_Desig_SNP1921	scaffold04586	181554	[C/A]		INTERGENIC	
*Ca_Desig_SNP1922	Ca_Desig_LG07	2707720	[G/T]		INTERGENIC	
*Ca_Desig_SNP1923	Ca_Desig_LG03	644806	[C/A]	Ca_02197	INTRON	ATPase 10, plasma membrane-type

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1924	scaffold00791	99	[G/T]		INTERGENIC	
*Ca_Desig_SNP1925	scaffold11144	109153	[C/T]		INTERGENIC	
*Ca_Desig_SNP1926	scaffold02333	91560	[G/A]		INTERGENIC	
*Ca_Desig_SNP1927	scaffold01362	129149	[G/A]	Ca_10193	DOWNSTREAM:1566bases	Actin-related protein 6
*Ca_Desig_SNP1928	scaffold04586	52242	[T/A]		INTERGENIC	
*Ca_Desig_SNP1929	Ca_Desig_LG07	2707719	[T/A]		INTERGENIC	
*Ca_Desig_SNP1930	scaffold00745	3746	[G/T]		INTERGENIC	
*Ca_Desig_SNP1931	Ca_Desig_LG04	5097092	[G/A]	Ca_04232	INTRON	RNA-dependent RNA polymerase 1
*Ca_Desig_SNP1932	scaffold00212	83503	[T/G]		INTERGENIC	
*Ca_Desig_SNP1933	scaffold11144	115157	[G/T]		INTERGENIC	
*Ca_Desig_SNP1934	scaffold11144	98741	[G/A]		INTERGENIC	
*Ca_Desig_SNP1935	scaffold05316	76157	[T/G]		INTERGENIC	
*Ca_Desig_SNP1936	scaffold07271	46123	[T/C]		INTERGENIC	
*Ca_Desig_SNP1937	scaffold05316	61666	[A/G]	Ca_10152	SYNONYMOUS_CODING	Pentatricopeptide repeat-containing protein At1g09220, mitochondrial
*Ca_Desig_SNP1938	Ca_Desig_LG04	4652989	[A/G]	Ca_04204	INTRON	Probable glucuronosyltransferase GUT1
*Ca_Desig_SNP1939	scaffold04586	185387	[A/G]		INTERGENIC	
*Ca_Desig_SNP1940	Ca_Desig_LG07	1763162	[A/C]	Ca_07503	INTRON	Probable N-acetyl-gamma-glutamyl-phosphate reductase, chloroplastic
*Ca_Desig_SNP1941	scaffold01709	62167	[A/G]		INTERGENIC	
*Ca_Desig_SNP1942	scaffold00876	6653	[T/C]		INTERGENIC	
*Ca_Desig_SNP1943	scaffold00604	7608	[A/G]	Ca_13357	DOWNSTREAM:1106bases	dual specificity protein phosphatase family protein
*Ca_Desig_SNP1944	scaffold00451	23349	[A/G]		INTERGENIC	
*Ca_Desig_SNP1945	Ca_Desig_LG04	4701443	[T/A]	Ca_04206	SYNONYMOUS_CODING	Acyl-[acyl-carrier-protein] desaturase 6, chloroplastic
*Ca_Desig_SNP1946	scaffold01791	33630	[T/G]		INTERGENIC	
*Ca_Desig_SNP1947	Ca_Desig_LG01	10441699	[A/G]	Ca_00776	SYNONYMOUS_CODING	unknown protein
*Ca_Desig_SNP1948	scaffold00771	2505	[A/G]		INTERGENIC	
*Ca_Desig_SNP1949	scaffold03445	74335	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1950	scaffold01362	124388	[T/G]	Ca_10193	NON_SYNONYMOUS_CODING	Actin-related protein 6
*Ca_Desig_SNP1951	scaffold00508	43134	[C/T]	Ca_09338	INTRON	Sorting nexin 1
*Ca_Desig_SNP1952	scaffold02333	87097	[A/G]		INTERGENIC	
*Ca_Desig_SNP1953	Ca_Desig_LG03	17835739	[T/C]	Ca_03392	DOWNSTREAM:684bases	Probable LRR receptor-like serine/threonine-protein kinase At1g12460
*Ca_Desig_SNP1954	scaffold00643	7013	[G/A]		INTERGENIC	
*Ca_Desig_SNP1955	scaffold00928	1182	[A/G]		INTERGENIC	
*Ca_Desig_SNP1956	scaffold02251	123875	[A/G]		INTERGENIC	
*Ca_Desig_SNP1957	scaffold00702	6580	[A/G]		INTERGENIC	
*Ca_Desig_SNP1958	Ca_Desig_LG02	440424	[G/T]		INTERGENIC	
*Ca_Desig_SNP1959	Ca_Desig_LG02	14169133	[T/C]	Ca_01923	SYNONYMOUS_CODING	calmodulin-binding family protein
*Ca_Desig_SNP1960	Ca_Desig_LG02	14169300	[C/T]	Ca_01923	SYNONYMOUS_CODING	calmodulin-binding family protein
*Ca_Desig_SNP1961	scaffold03193	53405	[A/C]		INTERGENIC	
*Ca_Desig_SNP1962	scaffold00385	24593	[T/G]		INTERGENIC	
*Ca_Desig_SNP1963	Ca_Desig_LG02	11393862	[C/G]	Ca_01765	INTRON	Uncharacterized lipoprotein syc1174_c
*Ca_Desig_SNP1964	scaffold00215	282914	[G/A]		INTERGENIC	
*Ca_Desig_SNP1965	Ca_Desig_LG02	11403900	[C/A]	Ca_01766	SYNONYMOUS_CODING	T-complex protein 1 subunit theta
*Ca_Desig_SNP1966	Ca_Desig_LG04	4768614	[G/A]	Ca_04210	DOWNSTREAM:1718bases	Ribosomal RNA small subunit methyltransferase NEP1
*Ca_Desig_SNP1967	Ca_Desig_LG02	11403821	[T/A]	Ca_01766	INTRON	T-complex protein 1 subunit theta
*Ca_Desig_SNP1968	scaffold01043	159	[A/G]		INTERGENIC	
*Ca_Desig_SNP1969	scaffold02251	76069	[G/A]		INTERGENIC	
*Ca_Desig_SNP1970	scaffold02128	31749	[T/G]	Ca_10448	INTRON	Probable galactinol--sucrose galactosyltransferase 2
*Ca_Desig_SNP1971	scaffold00643	89610	[C/A]		INTERGENIC	
*Ca_Desig_SNP1972	scaffold00852	998	[A/G]	Ca_14286	NON_SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP1973	scaffold00210	6683	[C/T]		INTERGENIC	
*Ca_Desig_SNP1974	Ca_Desig_LG02	430152	[C/G]	Ca_01057	INTRON	Plastid division protein PDV1
*Ca_Desig_SNP1975	scaffold02333	28524	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP1976	scaffold05316	99668	[A/C]		INTERGENIC	
*Ca_Desig_SNP1977	Ca_Desig_LG06	4273801	[A/G]		INTERGENIC	
*Ca_Desig_SNP1978	scaffold00159	46890	[A/G]		INTERGENIC	
*Ca_Desig_SNP1979	scaffold02036	15577	[G/A]		INTERGENIC	
*Ca_Desig_SNP1980	Ca_Desig_LG02	11366639	[C/G]		INTERGENIC	
*Ca_Desig_SNP1981	Ca_Desig_LG08	8238163	[C/A]	Ca_08594	NON_SYNONYMOUS_CODING	Programmed cell death protein 4
*Ca_Desig_SNP1982	scaffold00505	7339	[G/A]		INTERGENIC	
*Ca_Desig_SNP1983	scaffold00429	16062	[G/T]		INTERGENIC	
*Ca_Desig_SNP1984	Ca_Desig_LG03	6721108	[C/G]	Ca_02698	DOWNSTREAM:1239bases	Probable arabinose 5-phosphate isomerase
*Ca_Desig_SNP1985	scaffold00461	12310	[A/T]		INTERGENIC	
*Ca_Desig_SNP1986	Ca_Desig_LG01	8232995	[T/G]		INTERGENIC	
*Ca_Desig_SNP1987	scaffold00212	151754	[A/T]	Ca_08884	INTRON	zinc ion binding
*Ca_Desig_SNP1988	scaffold00731	2736	[A/G]	Ca_13836	DOWNSTREAM:1988bases	Protein KIAA0664 homolog
*Ca_Desig_SNP1989	scaffold04586	116816	[A/G]		INTERGENIC	
*Ca_Desig_SNP1990	scaffold00429	16234	[A/C]		INTERGENIC	
*Ca_Desig_SNP1991	scaffold05316	114034	[A/T]		INTERGENIC	
*Ca_Desig_SNP1992	Ca_Desig_LG04	5097206	[C/A]	Ca_04232	SYNONYMOUS_CODING	RNA-dependent RNA polymerase 1
*Ca_Desig_SNP1993	scaffold04586	181642	[C/T]		INTERGENIC	
*Ca_Desig_SNP1994	scaffold01877	26460	[A/G]		INTERGENIC	
*Ca_Desig_SNP1995	scaffold01709	92102	[G/T]		INTERGENIC	
*Ca_Desig_SNP1996	scaffold00997	438	[A/C]		INTERGENIC	
*Ca_Desig_SNP1997	Ca_Desig_LG02	440724	[T/C]		INTERGENIC	
*Ca_Desig_SNP1998	Ca_Desig_LG04	4878419	[T/C]	Ca_04220	DOWNSTREAM:1037bases	Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 2
*Ca_Desig_SNP1999	scaffold00613	528	[G/A]		INTERGENIC	
*Ca_Desig_SNP2000	scaffold00394	18460	[G/A]	Ca_12421	INTRON	NHL repeat-containing protein 2
*Ca_Desig_SNP2001	scaffold00212	151692	[T/G]	Ca_08884	INTRON	zinc ion binding

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2002	Ca_Desig_LG04	4909312	[C/A]		INTERGENIC	
*Ca_Desig_SNP2003	scaffold02696	20700	[G/C]		INTERGENIC	
*Ca_Desig_SNP2004	Ca_Desig_LG02	11403656	[T/C]	Ca_01766	INTRON	T-complex protein 1 subunit theta
*Ca_Desig_SNP2005	scaffold02299	87099	[C/G]		INTERGENIC	
*Ca_Desig_SNP2006	Ca_Desig_LG02	11394066	[A/G]	Ca_01765	INTRON	Uncharacterized lipoprotein syc1174_c
*Ca_Desig_SNP2007	Ca_Desig_LG04	5408962	[C/T]	Ca_04241	SYNONYMOUS_CODING	Cyclin-J18-like
*Ca_Desig_SNP2008	Ca_Desig_LG07	1634726	[C/G]	Ca_07491	INTRON	Transcription factor MYB1R1
*Ca_Desig_SNP2009	scaffold00394	24459	[A/G]	Ca_12421	INTRON	NHL repeat-containing protein 2
*Ca_Desig_SNP2010	Ca_Desig_LG07	2434160	[G/T]	Ca_07545	INTRON	BAH and coiled-coil domain-containing protein 1
*Ca_Desig_SNP2011	Ca_Desig_LG02	11423000	[C/A]		INTERGENIC	
*Ca_Desig_SNP2012	scaffold00236	43142	[A/T]		INTERGENIC	
*Ca_Desig_SNP2013	scaffold00210	26541	[T/C]		INTERGENIC	
*Ca_Desig_SNP2014	scaffold00321	12713	[T/A]	Ca_12020	DOWNSTREAM:1115bases	Protein NSP-INTERACTING KINASE 1
*Ca_Desig_SNP2015	scaffold11144	107480	[A/C]		INTERGENIC	
*Ca_Desig_SNP2016	Ca_Desig_LG07	1634790	[A/G]	Ca_07491	INTRON	Transcription factor MYB1R1
*Ca_Desig_SNP2017	scaffold00505	7249	[C/T]		INTERGENIC	
*Ca_Desig_SNP2018	scaffold02564	231983	[T/G]		INTERGENIC	
*Ca_Desig_SNP2019	scaffold00505	4807	[T/C]		INTERGENIC	
*Ca_Desig_SNP2020	scaffold00582	5152	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2021	scaffold00643	87698	[T/C]		INTERGENIC	
*Ca_Desig_SNP2022	scaffold00643	89365	[C/A]		INTERGENIC	
*Ca_Desig_SNP2023	scaffold15702	153238	[C/T]		INTERGENIC	
*Ca_Desig_SNP2024	scaffold00933	816	[T/C]		INTERGENIC	
*Ca_Desig_SNP2025	scaffold02036	97364	[A/C]		INTERGENIC	
*Ca_Desig_SNP2026	scaffold04586	184588	[C/G]		INTERGENIC	
*Ca_Desig_SNP2027	Ca_Desig_LG02	7908862	[G/T]	Ca_01635	UPSTREAM:1641bases	GTP-binding protein ERG

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2028	Ca_Desig_LG02	11366670	[A/T]		INTERGENIC	
*Ca_Desig_SNP2029	scaffold00451	23018	[A/G]		INTERGENIC	
*Ca_Desig_SNP2030	scaffold00206	47499	[A/T]	Ca_11345	INTRON	Secologanin synthase
*Ca_Desig_SNP2031	scaffold00735	3678	[T/C]	Ca_13852	DOWNSTREAM:768bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP2032	scaffold02679	60685	[T/C]		INTERGENIC	
*Ca_Desig_SNP2033	scaffold02564	144862	[A/G]		INTERGENIC	
*Ca_Desig_SNP2034	scaffold01030	685	[A/C]		INTERGENIC	
*Ca_Desig_SNP2035	scaffold01737	36702	[T/C]	Ca_10373	NON_SYNONYMOUS_CODING	Serine/threonine-protein kinase 36
*Ca_Desig_SNP2036	Ca_Desig_LG04	4687385	[T/C]	Ca_04205	SYNONYMOUS_CODING	Probable auxin efflux carrier component 6
*Ca_Desig_SNP2037	scaffold02333	28426	[T/A]		INTERGENIC	
*Ca_Desig_SNP2038	scaffold05316	103678	[G/A]		INTERGENIC	
*Ca_Desig_SNP2039	scaffold00754	147726	[T/A]		INTERGENIC	
*Ca_Desig_SNP2040	scaffold00236	42975	[C/T]		INTERGENIC	
*Ca_Desig_SNP2041	scaffold11144	111691	[G/C]		INTERGENIC	
*Ca_Desig_SNP2042	Ca_Desig_LG02	11393824	[C/T]	Ca_01765	INTRON	Uncharacterized lipoprotein syc1174_c
*Ca_Desig_SNP2043	scaffold00394	18478	[C/T]	Ca_12421	INTRON	NHL repeat-containing protein 2
*Ca_Desig_SNP2044	scaffold00529	6408	[G/A]		INTERGENIC	
*Ca_Desig_SNP2045	Ca_Desig_LG04	7812668	[A/G]	Ca_04377	INTRON	DDB1- and CUL4-associated factor 8
*Ca_Desig_SNP2046	scaffold00912	260802	[A/C]		INTERGENIC	
*Ca_Desig_SNP2047	Ca_Desig_LG02	11394153	[C/T]	Ca_01765	INTRON	Uncharacterized lipoprotein syc1174_c
*Ca_Desig_SNP2048	scaffold00775	2346	[T/C]	Ca_13986	DOWNSTREAM:949bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP2049	scaffold02299	26254	[C/T]	Ca_10471	INTRON	Protein prune homolog
*Ca_Desig_SNP2050	Ca_Desig_LG02	429417	[T/C]	Ca_01057	SYNONYMOUS_CODING	Plastid division protein PDV1
*Ca_Desig_SNP2051	scaffold02299	98125	[T/C]		INTERGENIC	
*Ca_Desig_SNP2052	scaffold11144	90321	[A/G]	Ca_09212	DOWNSTREAM:1704bases	--
*Ca_Desig_SNP2053	scaffold00158	15556	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2054	scaffold00877	12632	[T/C]		INTERGENIC	
*Ca_Desig_SNP2055	scaffold00236	3938	[G/A]		INTERGENIC	
*Ca_Desig_SNP2056	scaffold00684	6574	[T/G]		INTERGENIC	
*Ca_Desig_SNP2057	scaffold02299	87031	[T/A]		INTERGENIC	
*Ca_Desig_SNP2058	Ca_Desig_LG02	7897881	[C/A]		INTERGENIC	
*Ca_Desig_SNP2059	Ca_Desig_LG04	6325277	[G/T]	Ca_04285	DOWNSTREAM:102bases	TBCC domain-containing protein 1
*Ca_Desig_SNP2060	scaffold04096	24837	[T/C]		INTERGENIC	
*Ca_Desig_SNP2061	Ca_Desig_LG07	1631890	[C/T]	Ca_07491	INTRON	Transcription factor MYB1R1
*Ca_Desig_SNP2062	scaffold01353	71838	[C/G]		INTERGENIC	
*Ca_Desig_SNP2063	Ca_Desig_LG04	4848482	[T/A]	Ca_04217	INTRON	Chlorophyllide a oxygenase, chloroplastic
*Ca_Desig_SNP2064	scaffold02551	42501	[C/T]	Ca_10429	DOWNSTREAM:515bases	Ankyrin repeat domain-containing protein 13B
*Ca_Desig_SNP2065	scaffold11144	107643	[A/T]		INTERGENIC	
*Ca_Desig_SNP2066	Ca_Desig_LG01	10441806	[A/C]	Ca_00776	SYNONYMOUS_CODING	unknown protein
*Ca_Desig_SNP2067	scaffold15702	138407	[T/G]		INTERGENIC	
*Ca_Desig_SNP2068	scaffold10990	34943	[A/G]	Ca_09603	INTRON	Zinc finger CCCH domain-containing protein 55
*Ca_Desig_SNP2069	scaffold00736	7876	[C/A]		INTERGENIC	
*Ca_Desig_SNP2070	scaffold00401	184695	[T/C]		INTERGENIC	
*Ca_Desig_SNP2071	Ca_Desig_LG07	1631320	[G/A]	Ca_07491	INTRON	Transcription factor MYB1R1
*Ca_Desig_SNP2072	Ca_Desig_LG04	9224613	[A/C]		INTERGENIC	
*Ca_Desig_SNP2073	Ca_Desig_LG04	8876149	[G/A]	Ca_04467	DOWNSTREAM:1726bases	Beta-lactamase-like protein 2
*Ca_Desig_SNP2074	scaffold07271	46045	[A/G]		INTERGENIC	
*Ca_Desig_SNP2075	Ca_Desig_LG02	278031	[T/C]	Ca_01047	DOWNSTREAM:906bases	Cyclic nucleotide-gated ion channel 1
*Ca_Desig_SNP2076	Ca_Desig_LG04	4817421	[T/C]	Ca_04213	INTRON	Probable inactive receptor kinase At4g23740
*Ca_Desig_SNP2077	scaffold00876	6657	[T/C]		INTERGENIC	
*Ca_Desig_SNP2078	scaffold03792	34654	[C/T]		INTERGENIC	
*Ca_Desig_SNP2079	scaffold00497	11199	[T/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2080	scaffold02036	84456	[G/A]		INTERGENIC	
*Ca_Desig_SNP2081	scaffold00754	142943	[T/C]		INTERGENIC	
*Ca_Desig_SNP2082	Ca_Desig_LG04	8884501	[T/A]	Ca_04467	INTRON	Beta-lactamase-like protein 2
*Ca_Desig_SNP2083	Ca_Desig_LG04	8884795	[G/T]	Ca_04467	SYNONYMOUS_CODING	Beta-lactamase-like protein 2
*Ca_Desig_SNP2084	Ca_Desig_LG04	8908491	[A/T]	Ca_04469	DOWNSTREAM:11bases	Zinc finger protein 6
*Ca_Desig_SNP2085	Ca_Desig_LG04	8848071	[C/T]		INTERGENIC	
*Ca_Desig_SNP2086	scaffold03520	51956	[C/T]		INTERGENIC	
*Ca_Desig_SNP2087	scaffold00420	4390	[G/T]		INTERGENIC	
*Ca_Desig_SNP2088	Ca_Desig_LG04	4769524	[G/A]		INTERGENIC	
*Ca_Desig_SNP2089	scaffold02681	37593	[T/C]		INTERGENIC	
*Ca_Desig_SNP2090	scaffold02496	25781	[A/T]		INTERGENIC	
*Ca_Desig_SNP2091	scaffold01737	80862	[A/C]		INTERGENIC	
*Ca_Desig_SNP2092	Ca_Desig_LG04	4769570	[G/A]		INTERGENIC	
*Ca_Desig_SNP2093	scaffold11144	108803	[A/G]		INTERGENIC	
*Ca_Desig_SNP2094	scaffold00779	2267	[A/G]		INTERGENIC	
*Ca_Desig_SNP2095	scaffold00316	35978	[C/A]		INTERGENIC	
*Ca_Desig_SNP2096	Ca_Desig_LG02	14163647	[T/C]	Ca_01922	SYNONYMOUS_CODING	Lysine-specific histone demethylase 1 homolog 3
*Ca_Desig_SNP2097	scaffold00508	39403	[G/A]		INTERGENIC	
*Ca_Desig_SNP2098	scaffold00876	10480	[T/C]		INTERGENIC	
*Ca_Desig_SNP2099	scaffold08121	43051	[T/G]		INTERGENIC	
*Ca_Desig_SNP2100	scaffold00835	19667	[G/C]	Ca_09737	INTRON	DNA polymerase epsilon catalytic subunit A
*Ca_Desig_SNP2101	scaffold00236	4036	[A/G]		INTERGENIC	
*Ca_Desig_SNP2102	Ca_Desig_LG04	8848274	[C/T]		INTERGENIC	
*Ca_Desig_SNP2103	Ca_Desig_LG04	2873185	[C/T]		INTERGENIC	
*Ca_Desig_SNP2104	scaffold00236	4013	[G/A]		INTERGENIC	
*Ca_Desig_SNP2105	Ca_Desig_LG04	7623385	[A/C]	Ca_04361	NON_SYNONYMOUS_CODING	CAX-interacting protein 4



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*Ca_Desig_SNP2106	scaffold02139	29528	[C/A]		INTERGENIC	
*Ca_Desig_SNP2107	Ca_Desig_LG04	10297440	[T/G]	Ca_04590	NON_SYNONYMOUS_CODING	Late embryogenesis abundant protein D-34
*Ca_Desig_SNP2108	scaffold11144	116688	[G/T]		INTERGENIC	
*Ca_Desig_SNP2109	scaffold01808	37856	[G/A]		INTERGENIC	
*Ca_Desig_SNP2110	scaffold00941	612	[A/C]		INTERGENIC	
*Ca_Desig_SNP2111	scaffold01336	95135	[T/G]		INTERGENIC	
*Ca_Desig_SNP2112	scaffold00741	782	[A/G]		INTERGENIC	
*Ca_Desig_SNP2113	Ca_Desig_LG04	1291858	[T/G]	Ca_03981	INTRON	Phosphatidate phosphatase LPIN2
*Ca_Desig_SNP2114	scaffold00852	1093	[T/C]	Ca_14286	SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP2115	scaffold15702	53689	[T/C]		INTERGENIC	
*Ca_Desig_SNP2116	scaffold00212	151688	[G/T]	Ca_08884	INTRON	zinc ion binding
*Ca_Desig_SNP2117	Ca_Desig_LG04	2750818	[C/T]	Ca_04069	INTRON	Serine/threonine-protein kinase At5g01020
*Ca_Desig_SNP2118	scaffold02496	25742	[T/C]		INTERGENIC	
*Ca_Desig_SNP2119	Ca_Desig_LG03	19634550	[T/G]	Ca_03578	DOWNSTREAM:77bases	--
*Ca_Desig_SNP2120	scaffold01362	42691	[C/A]		INTERGENIC	
*Ca_Desig_SNP2121	scaffold00876	847	[T/C]		INTERGENIC	
*Ca_Desig_SNP2122	Ca_Desig_LG03	6963249	[T/G]		INTERGENIC	
*Ca_Desig_SNP2123	Ca_Desig_LG06	7572571	[T/G]	Ca_07044	INTRON	ATP-dependent RNA helicase dhx8
*Ca_Desig_SNP2124	scaffold00954	229	[A/C]		INTERGENIC	
*Ca_Desig_SNP2125	scaffold00944	787	[C/T]		INTERGENIC	
*Ca_Desig_SNP2126	scaffold00333	146690	[C/A]	Ca_09088	INTRON	TATA-binding protein-associated factor 2N
*Ca_Desig_SNP2127	Ca_Desig_LG02	14766663	[A/C]	Ca_01972	NON_SYNONYMOUS_CODING	Dual specificity protein kinase splA
*Ca_Desig_SNP2128	scaffold00212	151698	[T/G]	Ca_08884	INTRON	zinc ion binding
*Ca_Desig_SNP2129	Ca_Desig_LG04	2620974	[A/G]	Ca_04062	NON_SYNONYMOUS_CODING	Protein of unknown function (DUF1350)
*Ca_Desig_SNP2130	scaffold03738	8398	[C/A]		INTERGENIC	
*Ca_Desig_SNP2131	Ca_Desig_LG04	11603546	[A/G]	Ca_04700	SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 1

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2132	Ca_Desig_LG04	9270773	[G/T]		INTERGENIC	
*Ca_Desig_SNP2133	scaffold00189	49234	[C/A]	Ca_11200	NON_SYNONYMOUS_CODING	Uncharacterized protein KIAA0930 homolog
*Ca_Desig_SNP2134	scaffold02111	48125	[G/T]		INTERGENIC	
*Ca_Desig_SNP2135	Ca_Desig_LG01	9217363	[C/A]	Ca_00694	INTRON	Nucleolar GTP-binding protein 1
*Ca_Desig_SNP2136	scaffold00779	924	[A/G]		INTERGENIC	
*Ca_Desig_SNP2137	scaffold02111	120327	[C/T]		INTERGENIC	
*Ca_Desig_SNP2138	scaffold01105	471	[A/G]		INTERGENIC	
*Ca_Desig_SNP2139	Ca_Desig_LG04	11542258	[G/A]	Ca_04694	SYNONYMOUS_CODING	Protein GIGANTEA
*Ca_Desig_SNP2140	Ca_Desig_LG04	11567921	[T/A]		INTERGENIC	
*Ca_Desig_SNP2141	Ca_Desig_LG04	11572192	[C/A]	Ca_04696	INTRON	Uncharacterized mitochondrial carrier C12B10.09
*Ca_Desig_SNP2142	scaffold00363	3479	[C/A]	Ca_12308	NON_SYNONYMOUS_CODING	E3 ubiquitin-protein ligase KEG
*Ca_Desig_SNP2143	scaffold00888	323	[A/G]		INTERGENIC	
*Ca_Desig_SNP2144	scaffold02111	85652	[A/G]		INTERGENIC	
*Ca_Desig_SNP2145	scaffold02111	174994	[G/A]		INTERGENIC	
*Ca_Desig_SNP2146	scaffold00582	5173	[T/C]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2147	Ca_Desig_LG04	11572638	[C/T]	Ca_04696	INTRON	Uncharacterized mitochondrial carrier C12B10.09
*Ca_Desig_SNP2148	scaffold02111	79429	[T/A]	Ca_10008	INTRON	G-type lectin S-receptor-like serine/threonine-protein kinase At1g11330
*Ca_Desig_SNP2149	scaffold01949	7656	[A/T]	Ca_09783	DOWNSTREAM:1088bases	Protein SUPPRESSOR OF npr1-1, CONSTITUTIVE 1
*Ca_Desig_SNP2150	scaffold00691	4489	[T/C]		INTERGENIC	
*Ca_Desig_SNP2151	scaffold00423	16416	[A/C]	Ca_12591	DOWNSTREAM:1850bases	Uncharacterized protein At4g08330, chloroplastic
*Ca_Desig_SNP2152	scaffold00775	2388	[T/C]	Ca_13986	DOWNSTREAM:991bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP2153	scaffold00876	6627	[T/C]		INTERGENIC	
*Ca_Desig_SNP2154	scaffold02111	79298	[A/C]	Ca_10008	NON_SYNONYMOUS_CODING	G-type lectin S-receptor-like serine/threonine-protein kinase At1g11330
*Ca_Desig_SNP2155	Ca_Desig_LG04	11541368	[G/A]	Ca_04694	SYNONYMOUS_CODING	Protein GIGANTEA
*Ca_Desig_SNP2156	Ca_Desig_LG04	11572131	[A/C]	Ca_04696	INTRON	Uncharacterized mitochondrial carrier C12B10.09
*Ca_Desig_SNP2157	Ca_Desig_LG04	11603349	[G/A]	Ca_04700	SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 1

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2158	scaffold02111	33830	[A/G]		INTERGENIC	
*Ca_Desig_SNP2159	Ca_Desig_LG04	11543211	[A/G]	Ca_04694	INTRON	Protein GIGANTEA
*Ca_Desig_SNP2160	scaffold02111	85381	[T/C]		INTERGENIC	
*Ca_Desig_SNP2161	scaffold02111	184858	[C/G]		INTERGENIC	
*Ca_Desig_SNP2162	scaffold02111	190023	[C/A]		INTERGENIC	
*Ca_Desig_SNP2163	Ca_Desig_LG04	11539401	[C/T]	Ca_04694	SYNONYMOUS_CODING	Protein GIGANTEA
*Ca_Desig_SNP2164	Ca_Desig_LG04	11538965	[G/C]	Ca_04694	SYNONYMOUS_CODING	Protein GIGANTEA
*Ca_Desig_SNP2165	scaffold02111	58847	[G/A]		INTERGENIC	
*Ca_Desig_SNP2166	scaffold02111	79360	[T/C]	Ca_10008	INTRON	G-type lectin S-receptor-like serine/threonine-protein kinase At1g11330
*Ca_Desig_SNP2167	scaffold02111	32066	[G/T]		INTERGENIC	
*Ca_Desig_SNP2168	Ca_Desig_LG04	8891953	[A/G]	Ca_04468	SYNONYMOUS_CODING	Chaperone protein dnaJ 15
*Ca_Desig_SNP2169	scaffold02111	120137	[C/T]		INTERGENIC	
*Ca_Desig_SNP2170	Ca_Desig_LG04	11543134	[A/T]	Ca_04694	INTRON	Protein GIGANTEA
*Ca_Desig_SNP2171	Ca_Desig_LG04	11570353	[A/G]	Ca_04696	INTRON	Uncharacterized mitochondrial carrier C12B10.09
*Ca_Desig_SNP2172	scaffold04453	258767	[A/G]		INTERGENIC	
*Ca_Desig_SNP2173	Ca_Desig_LG04	9856753	[C/T]	Ca_04552	SYNONYMOUS_CODING	Protein TIME FOR COFFEE
*Ca_Desig_SNP2174	Ca_Desig_LG04	11540055	[G/A]	Ca_04694	SYNONYMOUS_CODING	Protein GIGANTEA
*Ca_Desig_SNP2175	scaffold00852	987	[A/G]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP2176	Ca_Desig_LG04	11558941	[G/A]	Ca_04695	SYNONYMOUS_CODING	Carboxypeptidase D
*Ca_Desig_SNP2177	scaffold00771	2506	[A/G]		INTERGENIC	
*Ca_Desig_SNP2178	Ca_Desig_LG04	11540126	[G/C]	Ca_04694	INTRON	Protein GIGANTEA
*Ca_Desig_SNP2179	scaffold02111	33434	[C/T]		INTERGENIC	
*Ca_Desig_SNP2180	scaffold00893	1606	[T/C]	Ca_14399	INTRON	Tripeptidyl-peptidase 2
*Ca_Desig_SNP2181	Ca_Desig_LG04	10376604	[C/G]	Ca_04601	SYNONYMOUS_CODING	Acyl-CoA N-acyltransferase with RING/FYVE/PHD-type zinc finger protein
*Ca_Desig_SNP2182	Ca_Desig_LG04	11570433	[T/C]	Ca_04696	INTRON	Uncharacterized mitochondrial carrier C12B10.09
*Ca_Desig_SNP2183	scaffold00770	290	[C/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desi_SNP2184	Ca_Desi_LG04	3009470	[A/G]	Ca_04090	INTRON	Probable protein phosphatase 2C 59
*Ca_Desi_SNP2185	Ca_Desi_LG04	9856777	[T/G]	Ca_04552	SYNONYMOUS_CODING	Protein TIME FOR COFFEE
*Ca_Desi_SNP2186	scaffold02111	6166	[T/G]		INTERGENIC	
*Ca_Desi_SNP2187	Ca_Desi_LG04	3521277	[A/G]		INTERGENIC	
*Ca_Desi_SNP2188	scaffold02111	6101	[A/G]		INTERGENIC	
*Ca_Desi_SNP2189	Ca_Desi_LG04	11540314	[A/G]	Ca_04694	SYNONYMOUS_CODING	Protein GIGANTEA
*Ca_Desi_SNP2190	Ca_Desi_LG04	10249225	[C/T]		INTERGENIC	
*Ca_Desi_SNP2191	scaffold14776	282223	[T/C]		INTERGENIC	
*Ca_Desi_SNP2192	scaffold00771	2492	[A/G]		INTERGENIC	
*Ca_Desi_SNP2193	Ca_Desi_LG04	145927	[A/G]		INTERGENIC	
*Ca_Desi_SNP2194	Ca_Desi_LG04	10356296	[A/G]	Ca_04598	SYNONYMOUS_CODING	Thiamine thiazole synthase 2, chloroplastic
*Ca_Desi_SNP2195	Ca_Desi_LG04	10378656	[T/G]	Ca_04601	SYNONYMOUS_CODING	Acyl-CoA N-acyltransferase with RING/FYVE/PHD-type zinc finger protein
*Ca_Desi_SNP2196	Ca_Desi_LG04	9851330	[T/A]		INTERGENIC	
*Ca_Desi_SNP2197	Ca_Desi_LG04	11585305	[C/T]	Ca_04698	DOWNSTREAM:673bases	Choline/ethanolamine kinase
*Ca_Desi_SNP2198	scaffold01106	152	[G/T]		INTERGENIC	
*Ca_Desi_SNP2199	Ca_Desi_LG04	9857710	[C/T]	Ca_04552	SYNONYMOUS_CODING	Protein TIME FOR COFFEE
*Ca_Desi_SNP2200	Ca_Desi_LG04	10351636	[A/G]	Ca_04598	DOWNSTREAM:128bases	Thiamine thiazole synthase 2, chloroplastic
*Ca_Desi_SNP2201	Ca_Desi_LG04	10339397	[A/G]	Ca_04596	INTRON	Protein FRIGIDA
*Ca_Desi_SNP2202	scaffold00898	67	[T/C]		INTERGENIC	
*Ca_Desi_SNP2203	Ca_Desi_LG04	123046	[G/A]	Ca_03887	INTRON	Protein ACCUMULATION AND REPLICATION OF CHLOROPLASTS 6, chloroplastic
*Ca_Desi_SNP2204	Ca_Desi_LG04	9858208	[C/T]	Ca_04552	SYNONYMOUS_CODING	Protein TIME FOR COFFEE
*Ca_Desi_SNP2205	Ca_Desi_LG04	9855725	[T/G]	Ca_04552	SYNONYMOUS_CODING	Protein TIME FOR COFFEE
*Ca_Desi_SNP2206	Ca_Desi_LG04	9856813	[T/A]	Ca_04552	SYNONYMOUS_CODING	Protein TIME FOR COFFEE
*Ca_Desi_SNP2207	scaffold01031	531	[T/C]		INTERGENIC	
*Ca_Desi_SNP2208	scaffold00770	219	[C/T]		INTERGENIC	
*Ca_Desi_SNP2209	Ca_Desi_LG04	10354585	[A/G]	Ca_04598	INTRON	Thiamine thiazole synthase 2, chloroplastic

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desi_SNP2210	Ca_Desi_LG04	9851424	[A/T]		INTERGENIC	
*Ca_Desi_SNP2211	Ca_Desi_LG04	9856520	[G/A]	Ca_04552	SYNONYMOUS_CODING	Protein TIME FOR COFFEE
*Ca_Desi_SNP2212	Ca_Desi_LG04	348344	[G/A]		INTERGENIC	
*Ca_Desi_SNP2213	scaffold00207	19130	[C/A]	Ca_11357	INTRON	Chloroplastic group IIA intron splicing facilitator CRS1, chloroplastic
*Ca_Desi_SNP2214	scaffold00307	867	[C/T]	Ca_11957	DOWNSTREAM:1412bases	Ankyrin repeat and SAM domain-containing protein 4B
*Ca_Desi_SNP2215	Ca_Desi_LG05	6547207	[T/G]	Ca_05745	SYNONYMOUS_CODING	Nucleobase-ascorbate transporter 6
*Ca_Desi_SNP2216	Ca_Desi_LG04	10311544	[A/G]	Ca_04592	SYNONYMOUS_CODING	Pentatricopeptide repeat-containing protein At4g14851
*Ca_Desi_SNP2217	Ca_Desi_LG04	9909450	[G/A]		INTERGENIC	
*Ca_Desi_SNP2218	Ca_Desi_LG04	9855664	[A/C]	Ca_04552	SYNONYMOUS_CODING	Protein TIME FOR COFFEE
*Ca_Desi_SNP2219	scaffold00768	3094	[A/G]		INTERGENIC	
*Ca_Desi_SNP2220	Ca_Desi_LG01	3372364	[C/T]		INTERGENIC	
*Ca_Desi_SNP2221	Ca_Desi_LG04	241125	[A/G]	Ca_03899	INTRON	Probable pre-mRNA-splicing factor ATP-dependent RNA helicase
*Ca_Desi_SNP2222	scaffold00582	6448	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desi_SNP2223	Ca_Desi_LG04	345799	[C/T]	Ca_03904	DOWNSTREAM:1946bases	5'-3' exoribonuclease 3
*Ca_Desi_SNP2224	scaffold03520	79148	[C/T]		INTERGENIC	
*Ca_Desi_SNP2225	Ca_Desi_LG04	10339669	[T/C]	Ca_04596	INTRON	Protein FRIGIDA
*Ca_Desi_SNP2226	scaffold00297	10556	[A/G]		INTERGENIC	
*Ca_Desi_SNP2227	Ca_Desi_LG04	10354408	[G/A]	Ca_04598	INTRON	Thiamine thiazole synthase 2, chloroplastic
*Ca_Desi_SNP2228	scaffold03520	43639	[G/T]		INTERGENIC	
*Ca_Desi_SNP2229	Ca_Desi_LG04	256346	[C/G]	Ca_03901	NON_SYNONYMOUS_CODING	Auxin response factor 5
*Ca_Desi_SNP2230	scaffold00768	3067	[T/C]		INTERGENIC	
*Ca_Desi_SNP2231	scaffold00297	24945	[T/G]		INTERGENIC	
*Ca_Desi_SNP2232	scaffold00297	10754	[G/A]		INTERGENIC	
*Ca_Desi_SNP2233	scaffold00297	24605	[G/T]		INTERGENIC	
*Ca_Desi_SNP2234	scaffold04453	258810	[A/T]		INTERGENIC	
*Ca_Desi_SNP2235	scaffold03520	27150	[T/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2236	scaffold00761	3576	[T/C]		INTERGENIC	
*Ca_Desig_SNP2237	scaffold00971	141	[T/C]		INTERGENIC	
*Ca_Desig_SNP2238	scaffold00297	21498	[A/G]		INTERGENIC	
*Ca_Desig_SNP2239	Ca_Desig_LG04	367943	[A/G]	Ca_03909	DOWNSTREAM:1931bases	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit trm6
*Ca_Desig_SNP2240	Ca_Desig_LG04	9834884	[C/T]	Ca_04551	SYNONYMOUS_CODING	Sugar transport protein 13
*Ca_Desig_SNP2241	Ca_Desig_LG04	11089940	[C/T]		INTERGENIC	
*Ca_Desig_SNP2242	scaffold03520	42358	[G/A]		INTERGENIC	
*Ca_Desig_SNP2243	scaffold00297	10448	[A/G]	Ca_11900	DOWNSTREAM:264bases	Uncharacterized protein At1g18480
*Ca_Desig_SNP2244	scaffold00032	42198	[G/A]		INTERGENIC	
*Ca_Desig_SNP2245	scaffold02093	7943	[A/C]		INTERGENIC	
*Ca_Desig_SNP2246	scaffold03520	42669	[T/A]		INTERGENIC	
*Ca_Desig_SNP2247	Ca_Desig_LG04	10369201	[G/A]	Ca_04599	DOWNSTREAM:1995bases	photosystem II 11 kDa protein-related
*Ca_Desig_SNP2248	scaffold00297	10694	[G/T]		INTERGENIC	
*Ca_Desig_SNP2249	Ca_Desig_LG04	705227	[A/G]	Ca_03931	INTRON	Lysophosphatidylcholine acyltransferase 1
*Ca_Desig_SNP2250	Ca_Desig_LG07	5885449	[T/C]		INTERGENIC	
*Ca_Desig_SNP2251	Ca_Desig_LG04	10249253	[T/C]		INTERGENIC	
*Ca_Desig_SNP2252	scaffold01985	110138	[A/C]		INTERGENIC	
*Ca_Desig_SNP2253	Ca_Desig_LG04	338006	[G/A]	Ca_03904	NON_SYNONYMOUS_CODING	5'-3' exoribonuclease 3
*Ca_Desig_SNP2254	Ca_Desig_LG06	4793120	[T/G]	Ca_06824	INTRON	Bifunctional aspartokinase/homoserine dehydrogenase, chloroplastic (Fragment)
*Ca_Desig_SNP2255	Ca_Desig_LG05	12393562	[T/G]	Ca_06279	NON_SYNONYMOUS_CODING	Callose synthase 10
*Ca_Desig_SNP2256	Ca_Desig_LG08	5177806	[G/T]		INTERGENIC	
*Ca_Desig_SNP2257	scaffold00692	28719	[T/G]	Ca_09609	NON_SYNONYMOUS_CODING	Glycerol-3-phosphate acyltransferase 3
*Ca_Desig_SNP2258	Ca_Desig_LG04	232316	[T/A]	Ca_03898	INTRON	Small RNA degrading nuclease 3
*Ca_Desig_SNP2259	scaffold03373	81423	[A/G]		INTERGENIC	
*Ca_Desig_SNP2260	scaffold13621	103016	[T/G]		INTERGENIC	
*Ca_Desig_SNP2261	scaffold00919	563	[A/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2262	Ca_Desig_LG04	181954	[C/G]		INTERGENIC	
*Ca_Desig_SNP2263	Ca_Desig_LG04	156944	[T/C]	Ca_03891	SYNONYMOUS_CODING	Lysine-specific histone demethylase 1 homolog 3
*Ca_Desig_SNP2264	Ca_Desig_LG03	13535547	[A/T]		INTERGENIC	
*Ca_Desig_SNP2265	scaffold00903	1531	[G/A]		INTERGENIC	
*Ca_Desig_SNP2266	Ca_Desig_LG01	5429008	[T/G]		INTERGENIC	
*Ca_Desig_SNP2267	scaffold02645	75209	[C/A]		INTERGENIC	
*Ca_Desig_SNP2268	scaffold07131	54701	[T/G]		INTERGENIC	
*Ca_Desig_SNP2269	Ca_Desig_LG04	10685259	[C/A]		INTERGENIC	
*Ca_Desig_SNP2270	scaffold00646	4963	[T/C]		INTERGENIC	
*Ca_Desig_SNP2271	scaffold00257	10671	[T/G]		INTERGENIC	
*Ca_Desig_SNP2272	scaffold00767	2525	[T/G]		INTERGENIC	
*Ca_Desig_SNP2273	scaffold02170	35505	[T/G]		INTERGENIC	
*Ca_Desig_SNP2274	Ca_Desig_LG03	6357520	[A/C]	Ca_02662	DOWNSTREAM:812bases	Peptide transporter PTR3-A
*Ca_Desig_SNP2275	Ca_Desig_LG03	14005543	[G/C]		INTERGENIC	
*Ca_Desig_SNP2276	scaffold00702	6550	[T/C]		INTERGENIC	
*Ca_Desig_SNP2277	scaffold01232	186533	[A/C]		INTERGENIC	
*Ca_Desig_SNP2278	scaffold00854	340	[T/C]		INTERGENIC	
*Ca_Desig_SNP2279	Ca_Desig_LG05	14343517	[A/C]	Ca_06389	SYNONYMOUS_CODING	Vacuolar protein sorting-associated protein 16 homolog
*Ca_Desig_SNP2280	scaffold00185	233077	[A/G]		INTERGENIC	
*Ca_Desig_SNP2281	scaffold00876	878	[A/G]		INTERGENIC	
*Ca_Desig_SNP2282	scaffold00807	3310	[G/A]	Ca_14119	SYNONYMOUS_CODING	Abscisic acid receptor PYL6
*Ca_Desig_SNP2283	Ca_Desig_LG05	14343514	[A/C]	Ca_06389	SYNONYMOUS_CODING	Vacuolar protein sorting-associated protein 16 homolog
*Ca_Desig_SNP2284	Ca_Desig_LG04	4087248	[T/G]	Ca_04169	NON_SYNONYMOUS_CODING	Probable galactinol--sucrose galactosyltransferase 1
*Ca_Desig_SNP2285	scaffold00876	6605	[T/C]		INTERGENIC	
*Ca_Desig_SNP2286	scaffold00876	820	[T/C]		INTERGENIC	
*Ca_Desig_SNP2287	scaffold00789	2474	[A/G]		INTERGENIC	

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*Ca_Desig_SNP2288	scaffold01063	312	[A/C]		INTERGENIC	
*Ca_Desig_SNP2289	scaffold01437	25683	[A/T]		INTERGENIC	
*Ca_Desig_SNP2290	Ca_Desig_LG05	13173580	[A/G]	Ca_06337	DOWNSTREAM:1186bases	Arogenate dehydrogenase 1, chloroplastic
*Ca_Desig_SNP2291	Ca_Desig_LG02	11979951	[A/C]	Ca_01786	INTRON	ABC transporter G family member 38
*Ca_Desig_SNP2292	scaffold01093	344	[T/C]		INTERGENIC	
*Ca_Desig_SNP2293	scaffold00804	1918	[G/A]		INTERGENIC	
*Ca_Desig_SNP2294	Ca_Desig_LG05	6204632	[A/C]		INTERGENIC	
*Ca_Desig_SNP2295	scaffold01499	78789	[T/A]		INTERGENIC	
*Ca_Desig_SNP2296	Ca_Desig_LG03	4267189	[A/C]	Ca_02532	SYNONYMOUS_CODING	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP2297	scaffold01737	123806	[T/C]		INTERGENIC	
*Ca_Desig_SNP2298	scaffold00582	4804	[A/G]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2299	scaffold00931	206141	[A/T]		INTERGENIC	
*Ca_Desig_SNP2300	scaffold01164	198	[C/G]		INTERGENIC	
*Ca_Desig_SNP2301	scaffold02308	12754	[T/G]		INTERGENIC	
*Ca_Desig_SNP2302	scaffold00876	10490	[T/C]		INTERGENIC	
*Ca_Desig_SNP2303	Ca_Desig_LG04	17026071	[A/T]	Ca_04952	NON_SYNONYMOUS_CODING	Dof zinc finger protein DOF4.6
*Ca_Desig_SNP2304	scaffold00824	1803	[T/C]		INTERGENIC	
*Ca_Desig_SNP2305	Ca_Desig_LG03	15332029	[T/A]	Ca_03190	SYNONYMOUS_CODING	Probable F-box protein At4g22030
*Ca_Desig_SNP2306	scaffold00888	349	[T/C]		INTERGENIC	
*Ca_Desig_SNP2307	scaffold01016	304	[C/T]		INTERGENIC	
*Ca_Desig_SNP2308	scaffold00931	255132	[C/T]		INTERGENIC	
*Ca_Desig_SNP2309	Ca_Desig_LG05	12979164	[T/C]	Ca_06327	SYNONYMOUS_CODING	DEAD-box ATP-dependent RNA helicase 18
*Ca_Desig_SNP2310	scaffold00771	2489	[T/C]		INTERGENIC	
*Ca_Desig_SNP2311	scaffold02975	72658	[T/C]		INTERGENIC	
*Ca_Desig_SNP2312	scaffold00157	25741	[G/A]		INTERGENIC	
*Ca_Desig_SNP2313	Ca_Desig_LG04	16900160	[T/C]	Ca_04945	INTRON	Tetratricopeptide repeat (TPR)-like superfamily protein



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*Ca_Desi_SNP2314	Ca_Desi_LG04	18790760	[A/G]	Ca_05045	INTRON	Uncharacterized protein At3g63140, chloroplastic
*Ca_Desi_SNP2315	scaffold00852	1004	[T/C]	Ca_14286	NON_SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desi_SNP2316	scaffold01031	524	[A/G]		INTERGENIC	
*Ca_Desi_SNP2317	scaffold00257	10507	[T/G]		INTERGENIC	
*Ca_Desi_SNP2318	scaffold00854	2305	[A/G]		INTERGENIC	
*Ca_Desi_SNP2319	scaffold00931	140380	[C/T]		INTERGENIC	
*Ca_Desi_SNP2320	scaffold00804	740	[T/C]		INTERGENIC	
*Ca_Desi_SNP2321	scaffold00854	318	[A/G]		INTERGENIC	
*Ca_Desi_SNP2322	scaffold00931	66738	[C/T]		INTERGENIC	
*Ca_Desi_SNP2323	scaffold00931	257906	[A/G]		INTERGENIC	
*Ca_Desi_SNP2324	scaffold00931	154538	[C/T]		INTERGENIC	
*Ca_Desi_SNP2325	scaffold00771	2504	[A/G]		INTERGENIC	
*Ca_Desi_SNP2326	scaffold00931	204925	[C/T]		INTERGENIC	
*Ca_Desi_SNP2327	scaffold00931	112847	[A/G]		INTERGENIC	
*Ca_Desi_SNP2328	scaffold02975	160119	[A/G]		INTERGENIC	
*Ca_Desi_SNP2329	scaffold05103	75161	[A/C]		INTERGENIC	
*Ca_Desi_SNP2330	scaffold00876	10488	[A/G]		INTERGENIC	
*Ca_Desi_SNP2331	Ca_Desi_LG05	12112980	[C/T]	Ca_06253	DOWNSTREAM:1069bases	Cytochrome P450 71A1
*Ca_Desi_SNP2332	scaffold00931	254605	[G/T]		INTERGENIC	
*Ca_Desi_SNP2333	scaffold01031	487	[A/T]		INTERGENIC	
*Ca_Desi_SNP2334	scaffold00866	1071	[T/C]	Ca_14324	DOWNSTREAM:258bases	NADP-specific glutamate dehydrogenase
*Ca_Desi_SNP2335	scaffold00876	10366	[T/G]		INTERGENIC	
*Ca_Desi_SNP2336	scaffold00876	851	[T/C]		INTERGENIC	
*Ca_Desi_SNP2337	Ca_Desi_LG05	6376546	[T/A]	Ca_05728	INTRON	Protein argonaute 4
*Ca_Desi_SNP2338	Ca_Desi_LG05	11063910	[C/G]	Ca_06164	INTRON	embryo defective 1381
*Ca_Desi_SNP2339	scaffold00582	5063	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase

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*Ca_Desi_SNP2340	Ca_Desi_LG04	21192467	[A/C]		INTERGENIC	
*Ca_Desi_SNP2341	Ca_Desi_LG03	8454791	[C/T]		INTERGENIC	
*Ca_Desi_SNP2342	Ca_Desi_LG05	13192562	[A/G]	Ca_06340	INTRON	unknown protein; INVOLVED IN: biological_process unknown; LOCATED IN: chloroplast; BEST Arabidopsis
*Ca_Desi_SNP2343	Ca_Desi_LG05	6458466	[A/G]		INTERGENIC	
*Ca_Desi_SNP2344	Ca_Desi_LG07	2374502	[G/A]	Ca_07541	NON_SYNONYMOUS_CODING	Putative uncharacterized protein
*Ca_Desi_SNP2345	Ca_Desi_LG03	9951222	[A/C]		INTERGENIC	
*Ca_Desi_SNP2346	Ca_Desi_LG05	13191923	[G/A]	Ca_06340	INTRON	unknown protein; INVOLVED IN: biological_process unknown; LOCATED IN: chloroplast; BEST Arabidopsis
*Ca_Desi_SNP2347	Ca_Desi_LG04	16900349	[A/G]	Ca_04945	SYNONYMOUS_CODING	Tetratricopeptide repeat (TPR)-like superfamily protein
*Ca_Desi_SNP2348	Ca_Desi_LG06	7326413	[T/G]	Ca_07026	SYNONYMOUS_CODING	Remorin family protein
*Ca_Desi_SNP2349	scaffold00931	228299	[A/G]		INTERGENIC	
*Ca_Desi_SNP2350	Ca_Desi_LG05	13190974	[G/A]	Ca_06340	INTRON	unknown protein; INVOLVED IN: biological_process unknown; LOCATED IN: chloroplast; BEST Arabidopsis
*Ca_Desi_SNP2351	scaffold00304	30271	[A/C]		INTERGENIC	
*Ca_Desi_SNP2352	Ca_Desi_LG04	3070931	[G/A]	Ca_04096	SYNONYMOUS_CODING	F-box only protein 13
*Ca_Desi_SNP2353	scaffold01180	172605	[T/G]		INTERGENIC	
*Ca_Desi_SNP2354	Ca_Desi_LG04	2997431	[C/T]	Ca_04089	DOWNSTREAM:1948bases	Unknown expressed protein
*Ca_Desi_SNP2355	Ca_Desi_LG04	16730046	[A/T]		INTERGENIC	
*Ca_Desi_SNP2356	Ca_Desi_LG04	20331243	[T/G]	Ca_05087	SYNONYMOUS_CODING	N-terminal kinase-like protein
*Ca_Desi_SNP2357	Ca_Desi_LG05	10960813	[C/T]	Ca_06149	INTRON	Protein FAM91A1
*Ca_Desi_SNP2358	scaffold00788	3465	[A/G]		INTERGENIC	
*Ca_Desi_SNP2359	scaffold00322	722	[T/A]		INTERGENIC	
*Ca_Desi_SNP2360	scaffold01428	72386	[T/A]	Ca_09944	INTRON	Smr domain-containing protein YPL199C
*Ca_Desi_SNP2361	scaffold00398	29366	[G/T]		INTERGENIC	
*Ca_Desi_SNP2362	scaffold00771	2511	[T/C]		INTERGENIC	
*Ca_Desi_SNP2363	scaffold00409	13887	[C/A]	Ca_12514	DOWNSTREAM:1494bases	Syntaxin-binding protein 5
*Ca_Desi_SNP2364	Ca_Desi_LG07	2895784	[T/G]	Ca_07581	SYNONYMOUS_CODING	Vignain
*Ca_Desi_SNP2365	scaffold01534	137447	[A/T]	Ca_10140	INTRON	Heat shock cognate 70 kDa protein 2

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*Ca_Desig_SNP2366	scaffold01557	75197	[G/A]		INTERGENIC	
*Ca_Desig_SNP2367	Ca_Desig_LG04	16894642	[A/C]		INTERGENIC	
*Ca_Desig_SNP2368	scaffold00788	3453	[A/G]		INTERGENIC	
*Ca_Desig_SNP2369	Ca_Desig_LG03	4016186	[C/T]	Ca_02499	NON_SYNONYMOUS_CODING	Calcium homeostasis endoplasmic reticulum protein
*Ca_Desig_SNP2370	Ca_Desig_LG04	16802460	[C/G]	Ca_04936	NON_SYNONYMOUS_CODING	Phosphatidylcholine transfer protein
*Ca_Desig_SNP2371	scaffold01183	75729	[A/C]		INTERGENIC	
*Ca_Desig_SNP2372	scaffold07155	1105	[G/T]		INTERGENIC	
*Ca_Desig_SNP2373	scaffold00897	869	[T/C]		INTERGENIC	
*Ca_Desig_SNP2374	scaffold00998	221654	[G/T]		INTERGENIC	
*Ca_Desig_SNP2375	scaffold00735	2824	[T/C]	Ca_13852	DOWNSTREAM:1622bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP2376	Ca_Desig_LG05	5495924	[G/C]	Ca_05645	NON_SYNONYMOUS_CODING	Ubiquitin carboxyl-terminal hydrolase 16
*Ca_Desig_SNP2377	Ca_Desig_LG05	15197106	[C/G]	Ca_06424	SYNONYMOUS_CODING	Kinase-related protein of unknown function (DUF1296)
*Ca_Desig_SNP2378	scaffold00907	20784	[A/C]		INTERGENIC	
*Ca_Desig_SNP2379	Ca_Desig_LG04	16950056	[C/T]		INTERGENIC	
*Ca_Desig_SNP2380	scaffold00113	9413	[G/A]	Ca_10890	DOWNSTREAM:318bases	Ethylene-responsive transcription factor ERF012
*Ca_Desig_SNP2381	scaffold00646	4966	[A/G]		INTERGENIC	
*Ca_Desig_SNP2382	scaffold00807	3323	[G/T]	Ca_14119	NON_SYNONYMOUS_CODING	Abscisic acid receptor PYL6
*Ca_Desig_SNP2383	scaffold00804	744	[T/C]		INTERGENIC	
*Ca_Desig_SNP2384	scaffold01008	100769	[T/C]		INTERGENIC	
*Ca_Desig_SNP2385	Ca_Desig_LG07	3683741	[C/T]		INTERGENIC	
*Ca_Desig_SNP2386	scaffold00488	25498	[T/G]	Ca_09295	DOWNSTREAM:1220bases	Beta-fructofuranosidase, insoluble isoenzyme CWINV3
*Ca_Desig_SNP2387	scaffold01920	11129	[G/A]		INTERGENIC	
*Ca_Desig_SNP2388	scaffold00242	43990	[A/C]	Ca_11508	SYNONYMOUS_CODING	Probable tRNA (guanine(26)-N(2))-dimethyltransferase 2
*Ca_Desig_SNP2389	Ca_Desig_LG03	18305212	[A/C]		INTERGENIC	
*Ca_Desig_SNP2390	scaffold00658	7969	[T/C]		INTERGENIC	
*Ca_Desig_SNP2391	Ca_Desig_LG03	18543482	[C/T]		INTERGENIC	

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*Ca_Desig_SNP2392	scaffold00747	2279	[C/T]		INTERGENIC	
*Ca_Desig_SNP2393	scaffold02308	12517	[T/G]		INTERGENIC	
*Ca_Desig_SNP2394	scaffold00953	675	[A/G]		INTERGENIC	
*Ca_Desig_SNP2395	scaffold04836	19385	[T/A]		INTERGENIC	
*Ca_Desig_SNP2396	scaffold01158	160	[C/A]		INTERGENIC	
*Ca_Desig_SNP2397	scaffold00347	16936	[T/G]		INTERGENIC	
*Ca_Desig_SNP2398	scaffold01281	92034	[C/G]		INTERGENIC	
*Ca_Desig_SNP2399	scaffold00797	2159	[T/G]		INTERGENIC	
*Ca_Desig_SNP2400	scaffold00490	17883	[G/A]		INTERGENIC	
*Ca_Desig_SNP2401	scaffold00933	803	[T/C]		INTERGENIC	
*Ca_Desig_SNP2402	scaffold00893	1581	[A/G]	Ca_14399	INTRON	Tripeptidyl-peptidase 2
*Ca_Desig_SNP2403	Ca_Desig_LG02	7462087	[T/G]		INTERGENIC	
*Ca_Desig_SNP2404	scaffold00938	1122	[T/C]		INTERGENIC	
*Ca_Desig_SNP2405	scaffold01009	425	[C/T]		INTERGENIC	
*Ca_Desig_SNP2406	scaffold01049	28461	[T/G]		INTERGENIC	
*Ca_Desig_SNP2407	scaffold01106	35	[T/C]		INTERGENIC	
*Ca_Desig_SNP2408	scaffold00637	5466	[G/T]		INTERGENIC	
*Ca_Desig_SNP2409	scaffold00624	5000	[A/C]		INTERGENIC	
*Ca_Desig_SNP2410	scaffold00646	4903	[T/C]		INTERGENIC	
*Ca_Desig_SNP2411	scaffold07146	32061	[G/C]		INTERGENIC	
*Ca_Desig_SNP2412	Ca_Desig_LG05	11609169	[G/T]	Ca_06203	INTRON	Serine/threonine-protein kinase ATM
*Ca_Desig_SNP2413	Ca_Desig_LG06	3307385	[A/C]	Ca_06673	UTR_5_PRIME:87bases	SH3 domain-containing protein
*Ca_Desig_SNP2414	Ca_Desig_LG02	9873103	[A/C]	Ca_01706	SYNONYMOUS_CODING	Protein TOC75, chloroplastic
*Ca_Desig_SNP2415	scaffold00992	170636	[G/A]		INTERGENIC	
*Ca_Desig_SNP2416	Ca_Desig_LG06	5942213	[T/G]		INTERGENIC	
*Ca_Desig_SNP2417	scaffold14776	274693	[C/A]		INTERGENIC	

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*Ca_Desi_SNP2418	scaffold01247	59939	[T/G]		INTERGENIC	
*Ca_Desi_SNP2419	scaffold01011	695	[G/A]		INTERGENIC	
*Ca_Desi_SNP2420	Ca_Desi_LG03	17737216	[G/A]	Ca_03379	INTRON	SNARE-interacting protein KEULE
*Ca_Desi_SNP2421	Ca_Desi_LG06	5875912	[A/C]		INTERGENIC	
*Ca_Desi_SNP2422	scaffold08840	23205	[G/T]		INTERGENIC	
*Ca_Desi_SNP2423	scaffold07146	77422	[G/T]		INTERGENIC	
*Ca_Desi_SNP2424	Ca_Desi_LG05	4414372	[A/T]		INTERGENIC	
*Ca_Desi_SNP2425	Ca_Desi_LG01	3771480	[T/G]		INTERGENIC	
*Ca_Desi_SNP2426	scaffold00876	6631	[T/C]		INTERGENIC	
*Ca_Desi_SNP2427	Ca_Desi_LG05	2340833	[T/C]		INTERGENIC	
*Ca_Desi_SNP2428	Ca_Desi_LG04	4613305	[A/G]	Ca_04202	NON_SYNONYMOUS_CODING	Transcriptional corepressor SEUSS
*Ca_Desi_SNP2429	scaffold01547	58584	[C/T]	Ca_10306	DOWNSTREAM:1153bases	Probable LRR receptor-like serine/threonine-protein kinase At4q08850
*Ca_Desi_SNP2430	Ca_Desi_LG04	15957923	[C/A]		INTERGENIC	
*Ca_Desi_SNP2431	scaffold03153	57793	[C/T]		INTERGENIC	
*Ca_Desi_SNP2432	scaffold01625	38506	[C/A]	Ca_10330	DOWNSTREAM:399bases	NAD-dependent malic enzyme 59 kDa isoform, mitochondrial
*Ca_Desi_SNP2433	Ca_Desi_LG04	15957917	[A/G]		INTERGENIC	
*Ca_Desi_SNP2434	scaffold00686	3626	[T/C]		INTERGENIC	
*Ca_Desi_SNP2435	scaffold01528	53290	[C/T]		INTERGENIC	
*Ca_Desi_SNP2436	Ca_Desi_LG03	4229796	[A/C]	Ca_02529	SYNONYMOUS_CODING	BTB/POZ domain-containing protein At1g03010
*Ca_Desi_SNP2437	Ca_Desi_LG02	14445991	[C/A]		INTERGENIC	
*Ca_Desi_SNP2438	scaffold16742	49233	[A/C]		INTERGENIC	
*Ca_Desi_SNP2439	Ca_Desi_LG02	279256	[T/G]	Ca_01046	DOWNSTREAM:607bases	Spermine synthase
*Ca_Desi_SNP2440	scaffold03971	47436	[A/T]		INTERGENIC	
*Ca_Desi_SNP2441	scaffold01031	526	[A/G]		INTERGENIC	
*Ca_Desi_SNP2442	scaffold00686	3632	[A/G]		INTERGENIC	
*Ca_Desi_SNP2443	Ca_Desi_LG07	2226248	[A/G]	Ca_07528	INTRON	Putative phosphatidylinositol N-acetylglucosaminyltransferase subunit C

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2444	scaffold00968	168	[G/A]		INTERGENIC	
*Ca_Desig_SNP2445	Ca_Desig_LG08	90334	[T/A]	Ca_07977	NON_SYNONYMOUS_CODING	Beta-glucosidase 46
*Ca_Desig_SNP2446	Ca_Desig_LG05	8764866	[C/T]	Ca_05965	DOWNSTREAM:611bases	Heavy metal transport/detoxification superfamily protein
*Ca_Desig_SNP2447	scaffold01770	43618	[G/A]	Ca_10384	INTRON	Serine carboxypeptidase-like 40
*Ca_Desig_SNP2448	scaffold00195	3386	[C/A]	Ca_11235	INTRON	Probable glycerophosphoryl diester phosphodiesterase 1
*Ca_Desig_SNP2449	scaffold01949	7573	[A/C]	Ca_09783	DOWNSTREAM:1171bases	Protein SUPPRESSOR OF npr1-1, CONSTITUTIVE 1
*Ca_Desig_SNP2450	scaffold00771	2501	[A/G]		INTERGENIC	
*Ca_Desig_SNP2451	scaffold00775	2406	[T/C]	Ca_13986	DOWNSTREAM:1009bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP2452	scaffold00794	1823	[A/G]		INTERGENIC	
*Ca_Desig_SNP2453	Ca_Desig_LG07	8452798	[A/C]	Ca_07962	NON_SYNONYMOUS_CODING	Pentatricopeptide repeat-containing protein At1g10270
*Ca_Desig_SNP2454	scaffold01437	25679	[A/G]		INTERGENIC	
*Ca_Desig_SNP2455	scaffold02761	49193	[C/T]	Ca_10211	DOWNSTREAM:220bases	hydroxyproline-rich glycoprotein family protein
*Ca_Desig_SNP2456	scaffold01638	30192	[C/A]	Ca_10333	SYNONYMOUS_CODING	Uridine kinase-like protein 1, chloroplastic
*Ca_Desig_SNP2457	scaffold00710	1039	[G/T]		INTERGENIC	
*Ca_Desig_SNP2458	scaffold00854	342	[A/G]		INTERGENIC	
*Ca_Desig_SNP2459	scaffold06654	25522	[A/G]		INTERGENIC	
*Ca_Desig_SNP2460	scaffold01208	184237	[A/C]		INTERGENIC	
*Ca_Desig_SNP2461	Ca_Desig_LG05	7699236	[T/G]	Ca_05857	NON_SYNONYMOUS_CODING	Trihelix transcription factor GT-1
*Ca_Desig_SNP2462	scaffold01133	248	[A/C]	Ca_15037	NON_SYNONYMOUS_CODING	Integrase, catalytic region; Ribonuclease H
*Ca_Desig_SNP2463	scaffold03153	57819	[C/A]		INTERGENIC	
*Ca_Desig_SNP2464	scaffold00854	322	[A/G]		INTERGENIC	
*Ca_Desig_SNP2465	scaffold01499	78814	[T/A]		INTERGENIC	
*Ca_Desig_SNP2466	scaffold00854	337	[A/G]		INTERGENIC	
*Ca_Desig_SNP2467	scaffold00582	6357	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2468	scaffold00876	6610	[A/G]		INTERGENIC	
*Ca_Desig_SNP2469	Ca_Desig_LG02	527084	[G/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2470	Ca_Desig_LG06	9245317	[T/G]	Ca_07158	SYNONYMOUS_CODING	3-oxoacyl-[acyl-carrier-protein] synthase I, chloroplastic
*Ca_Desig_SNP2471	scaffold01133	253	[C/T]	Ca_15037	SYNONYMOUS_CODING	Integrase, catalytic region; Ribonuclease H
*Ca_Desig_SNP2472	scaffold00842	2169	[G/T]	Ca_14247	DOWNSTREAM:1543bases	Putative uncharacterized protein
*Ca_Desig_SNP2473	scaffold01116	100495	[A/C]	Ca_10001	DOWNSTREAM:1258bases	Probable ADP-ribosylation factor GTPase-activating protein AGD8
*Ca_Desig_SNP2474	scaffold00969	164806	[A/C]		INTERGENIC	
*Ca_Desig_SNP2475	scaffold00832	395	[G/A]		INTERGENIC	
*Ca_Desig_SNP2476	scaffold03153	57811	[A/C]		INTERGENIC	
*Ca_Desig_SNP2477	scaffold00854	2324	[A/G]		INTERGENIC	
*Ca_Desig_SNP2478	scaffold00437	25190	[C/G]		INTERGENIC	
*Ca_Desig_SNP2479	scaffold02189	7925	[G/A]		INTERGENIC	
*Ca_Desig_SNP2480	scaffold00596	6759	[A/T]		INTERGENIC	
*Ca_Desig_SNP2481	Ca_Desig_LG08	1386352	[A/C]	Ca_08096	INTRON	Pyrophosphate-fructose 6-phosphate 1-phosphotransferase subunit beta
*Ca_Desig_SNP2482	Ca_Desig_LG08	4300014	[A/C]		INTERGENIC	
*Ca_Desig_SNP2483	scaffold00686	3621	[T/C]		INTERGENIC	
*Ca_Desig_SNP2484	scaffold00788	3457	[A/G]		INTERGENIC	
*Ca_Desig_SNP2485	scaffold00854	331	[A/G]		INTERGENIC	
*Ca_Desig_SNP2486	Ca_Desig_LG01	6149342	[T/G]	Ca_00524	NON_SYNONYMOUS_CODING	Fatty acid 2-hydroxylase
*Ca_Desig_SNP2487	scaffold00771	2533	[A/G]		INTERGENIC	
*Ca_Desig_SNP2488	scaffold00897	887	[T/C]		INTERGENIC	
*Ca_Desig_SNP2489	scaffold09265	63804	[T/A]		INTERGENIC	
*Ca_Desig_SNP2490	scaffold01532	30709	[C/G]		INTERGENIC	
*Ca_Desig_SNP2491	scaffold02189	53215	[G/T]	Ca_10459	DOWNSTREAM:1450bases	GCN5-related N-acetyltransferase; BRCT
*Ca_Desig_SNP2492	scaffold00702	6592	[T/C]		INTERGENIC	
*Ca_Desig_SNP2493	scaffold00852	968	[T/C]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP2494	scaffold00852	875	[A/G]	Ca_14286	NON_SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP2495	scaffold01150	225	[T/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2496	Ca_Desig_LG04	3147921	[A/C]	Ca_04103	INTRON	Carbon catabolite repressor protein 4 homolog 6
*Ca_Desig_SNP2497	scaffold01802	29558	[T/G]		INTERGENIC	
*Ca_Desig_SNP2498	scaffold00651	7870	[C/T]	Ca_13583	DOWNSTREAM:1673bases	CONTAINS InterPro DOMAIN/s: EGF-like (InterPro:IPR006210); Has 259 Blast hits to 234 proteins in
*Ca_Desig_SNP2499	scaffold01164	214	[C/T]		INTERGENIC	
*Ca_Desig_SNP2500	scaffold00646	4877	[A/G]		INTERGENIC	
*Ca_Desig_SNP2501	Ca_Desig_LG05	4837586	[T/G]	Ca_05583	NON_SYNONYMOUS_CODING	Puromycin-sensitive aminopeptidase
*Ca_Desig_SNP2502	scaffold00761	3588	[A/G]		INTERGENIC	
*Ca_Desig_SNP2503	scaffold00278	88344	[G/A]		INTERGENIC	
*Ca_Desig_SNP2504	scaffold02189	7126	[A/T]		INTERGENIC	
*Ca_Desig_SNP2505	scaffold00582	13876	[A/T]		INTERGENIC	
*Ca_Desig_SNP2506	scaffold00876	853	[A/G]		INTERGENIC	
*Ca_Desig_SNP2507	scaffold04071	51607	[A/C]		INTERGENIC	
*Ca_Desig_SNP2508	scaffold01532	15835	[G/A]		INTERGENIC	
*Ca_Desig_SNP2509	scaffold01532	15632	[T/A]		INTERGENIC	
*Ca_Desig_SNP2510	scaffold04113	44271	[T/G]		INTERGENIC	
*Ca_Desig_SNP2511	scaffold00884	681	[A/G]		INTERGENIC	
*Ca_Desig_SNP2512	scaffold01532	11169	[G/A]		INTERGENIC	
*Ca_Desig_SNP2513	scaffold02189	53697	[G/T]	Ca_10459	DOWNSTREAM:1932bases	GCN5-related N-acetyltransferase; BRCT
*Ca_Desig_SNP2514	scaffold00876	868	[A/G]		INTERGENIC	
*Ca_Desig_SNP2515	scaffold00824	1891	[T/C]		INTERGENIC	
*Ca_Desig_SNP2516	scaffold01041	548	[T/C]		INTERGENIC	
*Ca_Desig_SNP2517	scaffold00972	522	[G/T]		INTERGENIC	
*Ca_Desig_SNP2518	scaffold05634	58210	[T/G]		INTERGENIC	
*Ca_Desig_SNP2519	scaffold00614	7688	[A/C]		INTERGENIC	
*Ca_Desig_SNP2520	scaffold00744	3706	[T/C]	Ca_13871	SYNONYMOUS_CODING	Gibberellin 2-beta-dioxygenase 8
*Ca_Desig_SNP2521	scaffold00686	3656	[T/C]		INTERGENIC	



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*Ca_Desig_SNP2522	scaffold00763	399	[T/C]		INTERGENIC	
*Ca_Desig_SNP2523	scaffold00761	3595	[T/C]		INTERGENIC	
*Ca_Desig_SNP2524	scaffold01140	56	[A/G]		INTERGENIC	
*Ca_Desig_SNP2525	scaffold00989	419	[G/A]		INTERGENIC	
*Ca_Desig_SNP2526	scaffold00702	6554	[T/C]		INTERGENIC	
*Ca_Desig_SNP2527	scaffold00582	5067	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2528	scaffold00166	8846	[A/C]	Ca_11145	INTRON	Protein NSP-INTERACTING KINASE 3
*Ca_Desig_SNP2529	Ca_Desig_LG05	3218138	[T/G]	Ca_05475	NON_SYNONYMOUS_CODING	DDB1- and CUL4-associated factor homolog 1
*Ca_Desig_SNP2530	Ca_Desig_LG06	10473110	[T/G]	Ca_07292	INTRON	Splicing factor 3B subunit 2
*Ca_Desig_SNP2531	scaffold00962	281	[T/C]		INTERGENIC	
*Ca_Desig_SNP2532	Ca_Desig_LG05	7932509	[A/C]	Ca_05881	DOWNSTREAM:48bases	Protein terminal ear1
*Ca_Desig_SNP2533	scaffold00735	2833	[A/G]	Ca_13852	DOWNSTREAM:1613bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP2534	Ca_Desig_LG01	6108149	[A/C]	Ca_00519	INTRON	Probable exocyst complex component 4
*Ca_Desig_SNP2535	Ca_Desig_LG01	9265798	[G/T]	Ca_00697	NON_SYNONYMOUS_CODING	--
*Ca_Desig_SNP2536	scaffold00744	3848	[T/G]	Ca_13871	NON_SYNONYMOUS_CODING	Gibberellin 2-beta-dioxygenase 8
*Ca_Desig_SNP2537	scaffold01134	19	[C/T]		INTERGENIC	
*Ca_Desig_SNP2538	scaffold01534	3799	[T/G]		INTERGENIC	
*Ca_Desig_SNP2539	scaffold02501	13592	[C/T]	Ca_09757	DOWNSTREAM:87bases	--
*Ca_Desig_SNP2540	scaffold00724	80	[C/T]		INTERGENIC	
*Ca_Desig_SNP2541	scaffold00854	358	[A/G]		INTERGENIC	
*Ca_Desig_SNP2542	Ca_Desig_LG04	11674624	[A/C]		INTERGENIC	
*Ca_Desig_SNP2543	scaffold00463	1619	[T/G]	Ca_12714	SYNONYMOUS_CODING	unknown protein
*Ca_Desig_SNP2544	scaffold03195	16410	[G/C]		INTERGENIC	
*Ca_Desig_SNP2545	scaffold00491	618	[G/A]	Ca_12862	INTRON	MLP-like protein 43
*Ca_Desig_SNP2546	scaffold00582	6311	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2547	scaffold00854	354	[A/G]		INTERGENIC	

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*Ca_Desig_SNP2548	scaffold01947	44811	[A/C]	Ca_10410	INTRON	G-type lectin S-receptor-like serine/threonine-protein kinase At4g27290
*Ca_Desig_SNP2549	scaffold00520	5208	[C/T]		INTERGENIC	
*Ca_Desig_SNP2550	scaffold00832	373	[A/G]		INTERGENIC	
*Ca_Desig_SNP2551	scaffold00933	1120	[T/C]		INTERGENIC	
*Ca_Desig_SNP2552	Ca_Desig_LG05	4779911	[A/C]		INTERGENIC	
*Ca_Desig_SNP2553	scaffold00991	215325	[A/C]		INTERGENIC	
*Ca_Desig_SNP2554	scaffold00288	263	[T/C]		INTERGENIC	
*Ca_Desig_SNP2555	scaffold01155	205743	[A/C]		INTERGENIC	
*Ca_Desig_SNP2556	scaffold02036	97153	[A/T]		INTERGENIC	
*Ca_Desig_SNP2557	scaffold00680	3385	[G/C]	Ca_13660	INTRON	Lysine-specific demethylase 5D
*Ca_Desig_SNP2558	scaffold08840	18447	[T/A]		INTERGENIC	
*Ca_Desig_SNP2559	scaffold00671	6943	[C/A]		INTERGENIC	
*Ca_Desig_SNP2560	scaffold00811	58359	[T/C]	Ca_09715	NON_SYNONYMOUS_CODING	unknown protein; BEST Arabidopsis thaliana protein match is: unknown protein (TAIR:AT3G60520.1); Has 98 Blast
*Ca_Desig_SNP2561	scaffold05885	82465	[T/C]		INTERGENIC	
*Ca_Desig_SNP2562	Ca_Desig_LG04	3081906	[T/C]		INTERGENIC	
*Ca_Desig_SNP2563	Ca_Desig_LG02	14493837	[G/A]	Ca_01950	NON_SYNONYMOUS_CODING	N utilization substance protein B homolog
*Ca_Desig_SNP2564	scaffold00740	2181	[G/A]		INTERGENIC	
*Ca_Desig_SNP2565	scaffold00775	2364	[T/C]	Ca_13986	DOWNSTREAM:967bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP2566	scaffold00520	5029	[C/T]		INTERGENIC	
*Ca_Desig_SNP2567	Ca_Desig_LG04	237082	[C/G]	Ca_03898	DOWNSTREAM:979bases	Small RNA degrading nuclease 3
*Ca_Desig_SNP2568	scaffold00961	507	[A/T]		INTERGENIC	
*Ca_Desig_SNP2569	Ca_Desig_LG02	15951105	[A/C]	Ca_02078	SYNONYMOUS_CODING	Nucleolin
*Ca_Desig_SNP2570	scaffold02501	13555	[T/C]	Ca_09757	DOWNSTREAM:50bases	--
*Ca_Desig_SNP2571	scaffold04229	66924	[T/C]		INTERGENIC	
*Ca_Desig_SNP2572	Ca_Desig_LG03	20240165	[G/T]	Ca_03666	STOP_GAINED	Protein SPA1-RELATED 2
*Ca_Desig_SNP2573	scaffold00558	3636	[G/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2574	scaffold01618	52981	[T/G]		INTERGENIC	
*Ca_Desig_SNP2575	Ca_Desig_LG02	5168624	[A/C]		INTERGENIC	
*Ca_Desig_SNP2576	Ca_Desig_LG01	531575	[C/A]		INTERGENIC	
*Ca_Desig_SNP2577	scaffold00735	2835	[A/G]	Ca_13852	DOWNSTREAM:1611bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP2578	scaffold01164	221	[C/A]		INTERGENIC	
*Ca_Desig_SNP2579	scaffold01114	181	[C/G]		INTERGENIC	
*Ca_Desig_SNP2580	scaffold00741	840	[A/G]		INTERGENIC	
*Ca_Desig_SNP2581	scaffold00876	5673	[A/G]		INTERGENIC	
*Ca_Desig_SNP2582	scaffold00643	8222	[C/A]		INTERGENIC	
*Ca_Desig_SNP2583	scaffold00931	254986	[T/G]		INTERGENIC	
*Ca_Desig_SNP2584	Ca_Desig_LG07	5036776	[T/G]	Ca_07694	NON_SYNONYMOUS_CODING	Proline-rich receptor-like protein kinase PERK12
*Ca_Desig_SNP2585	scaffold00143	49404	[A/G]		INTERGENIC	
*Ca_Desig_SNP2586	Ca_Desig_LG02	2124944	[C/G]	Ca_01184	SYNONYMOUS_CODING	LOB domain-containing protein 41
*Ca_Desig_SNP2587	Ca_Desig_LG04	4102802	[C/T]	Ca_04172	DOWNSTREAM:1468bases	Probable amino acid permease 7
*Ca_Desig_SNP2588	scaffold00866	882	[A/G]	Ca_14324	DOWNSTREAM:447bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP2589	scaffold01039	49680	[A/C]		INTERGENIC	
*Ca_Desig_SNP2590	scaffold00790	1038	[T/C]	Ca_14057	INTRON	TNP1
*Ca_Desig_SNP2591	scaffold00686	3619	[A/G]		INTERGENIC	
*Ca_Desig_SNP2592	scaffold00113	9667	[C/A]	Ca_10890	DOWNSTREAM:64bases	Ethylene-responsive transcription factor ERF012
*Ca_Desig_SNP2593	scaffold00816	2319	[G/T]		INTERGENIC	
*Ca_Desig_SNP2594	Ca_Desig_LG04	348384	[T/C]		INTERGENIC	
*Ca_Desig_SNP2595	Ca_Desig_LG04	335462	[A/G]	Ca_03904	INTRON	5'-3' exoribonuclease 3
*Ca_Desig_SNP2596	scaffold01001	423	[C/T]		INTERGENIC	
*Ca_Desig_SNP2597	scaffold00761	3558	[A/G]		INTERGENIC	
*Ca_Desig_SNP2598	Ca_Desig_LG04	340829	[G/A]		INTERGENIC	
*Ca_Desig_SNP2599	Ca_Desig_LG05	12461786	[C/A]	Ca_06284	DOWNSTREAM:754bases	Oxygen-independent coproporphyrinogen-III oxidase-like protein sll1917

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2600	Ca_Desig_LG05	7699256	[T/G]	Ca_05857	SYNONYMOUS_CODING	Trihelix transcription factor GT-1
*Ca_Desig_SNP2601	scaffold01112	91	[G/T]		INTERGENIC	
*Ca_Desig_SNP2602	Ca_Desig_LG04	198665	[T/C]		INTERGENIC	
*Ca_Desig_SNP2603	scaffold00876	5677	[T/C]		INTERGENIC	
*Ca_Desig_SNP2604	scaffold00876	10464	[A/G]		INTERGENIC	
*Ca_Desig_SNP2605	scaffold00874	95296	[A/C]		INTERGENIC	
*Ca_Desig_SNP2606	Ca_Desig_LG03	11656952	[T/G]		INTERGENIC	
*Ca_Desig_SNP2607	scaffold00647	29280	[T/A]	Ca_09513	INTRON	Probable inactive purple acid phosphatase 28
*Ca_Desig_SNP2608	Ca_Desig_LG08	3960575	[T/G]	Ca_08202	DOWNSTREAM:668bases	ABC transporter B family member 21
*Ca_Desig_SNP2609	scaffold00647	29291	[G/A]	Ca_09513	INTRON	Probable inactive purple acid phosphatase 28
*Ca_Desig_SNP2610	Ca_Desig_LG04	368270	[G/A]	Ca_03909	DOWNSTREAM:1604bases	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit trm6
*Ca_Desig_SNP2611	Ca_Desig_LG08	5893757	[A/C]		INTERGENIC	
*Ca_Desig_SNP2612	Ca_Desig_LG04	223008	[G/A]	Ca_03898	INTRON	Small RNA degrading nuclease 3
*Ca_Desig_SNP2613	scaffold00304	30276	[T/C]		INTERGENIC	
*Ca_Desig_SNP2614	scaffold00355	34128	[G/T]	Ca_12261	DOWNSTREAM:91bases	Wound-induced protein 1
*Ca_Desig_SNP2615	scaffold00760	1364	[A/G]		INTERGENIC	
*Ca_Desig_SNP2616	scaffold00992	258022	[C/T]		INTERGENIC	
*Ca_Desig_SNP2617	scaffold00979	336	[C/T]		INTERGENIC	
*Ca_Desig_SNP2618	Ca_Desig_LG01	10893917	[T/G]	Ca_00823	INTRON	Serine/threonine-protein phosphatase BSL3
*Ca_Desig_SNP2619	Ca_Desig_LG06	4836649	[A/G]	Ca_06829	SYNONYMOUS_CODING	unknown protein; FUNCTIONS IN: molecular_function unknown; INVOLVED IN: biological_process unknown;
*Ca_Desig_SNP2620	scaffold00304	30274	[G/A]		INTERGENIC	
*Ca_Desig_SNP2621	Ca_Desig_LG02	7708765	[A/C]	Ca_01613	NON_SYNONYMOUS_CODING	Putative DNA-binding protein ESCAROLA
*Ca_Desig_SNP2622	scaffold04736	64787	[T/A]		INTERGENIC	
*Ca_Desig_SNP2623	scaffold11457	123301	[A/C]		INTERGENIC	
*Ca_Desig_SNP2624	Ca_Desig_LG04	232426	[T/G]	Ca_03898	INTRON	Small RNA degrading nuclease 3
*Ca_Desig_SNP2625	scaffold03417	80316	[A/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2626	scaffold00304	30272	[C/G]		INTERGENIC	
*Ca_Desig_SNP2627	Ca_Desig_LG02	15223713	[A/G]	Ca_02013	SYNONYMOUS_CODING	Two-component response regulator ARR14
*Ca_Desig_SNP2628	Ca_Desig_LG04	368030	[A/T]	Ca_03909	DOWNSTREAM:1844bases	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit trm6
*Ca_Desig_SNP2629	Ca_Desig_LG06	4836631	[A/G]	Ca_06829	SYNONYMOUS_CODING	Unknown expressed protein
*Ca_Desig_SNP2630	scaffold01236	94938	[T/G]		INTERGENIC	
*Ca_Desig_SNP2631	scaffold00686	2568	[T/G]		INTERGENIC	
*Ca_Desig_SNP2632	Ca_Desig_LG02	15951074	[A/G]	Ca_02078	NON_SYNONYMOUS_CODING	Nucleolin
*Ca_Desig_SNP2633	scaffold00928	1208	[T/C]		INTERGENIC	
*Ca_Desig_SNP2634	scaffold00582	6347	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2635	scaffold00771	2526	[A/G]		INTERGENIC	
*Ca_Desig_SNP2636	Ca_Desig_LG02	527074	[C/T]		INTERGENIC	
*Ca_Desig_SNP2637	scaffold00536	15254	[T/A]		INTERGENIC	
*Ca_Desig_SNP2638	Ca_Desig_LG07	6252943	[G/A]	Ca_07787	DOWNSTREAM:1067bases	zinc finger (Ran-binding) family protein
*Ca_Desig_SNP2639	scaffold02761	19072	[A/T]	Ca_10206	DOWNSTREAM:1151bases	Alcohol dehydrogenase-like 6
*Ca_Desig_SNP2640	scaffold00854	350	[T/C]		INTERGENIC	
*Ca_Desig_SNP2641	scaffold01829	151606	[T/G]	Ca_10246	INTRON	OTU domain-containing protein At3g57810
*Ca_Desig_SNP2642	scaffold00940	632	[A/T]		INTERGENIC	
*Ca_Desig_SNP2643	scaffold00691	4501	[A/G]		INTERGENIC	
*Ca_Desig_SNP2644	scaffold00618	42128	[C/A]		INTERGENIC	
*Ca_Desig_SNP2645	Ca_Desig_LG04	2977378	[C/T]		INTERGENIC	
*Ca_Desig_SNP2646	Ca_Desig_LG04	133375	[C/A]	Ca_03888	DOWNSTREAM:1777bases	Expressed protein
*Ca_Desig_SNP2647	scaffold00893	1600	[T/C]	Ca_14399	INTRON	Tripeptidyl-peptidase 2
*Ca_Desig_SNP2648	scaffold16831	69578	[A/G]	Ca_09735	DOWNSTREAM:720bases	Dihydrolipoyl dehydrogenase
*Ca_Desig_SNP2649	scaffold00093	38635	[A/C]		INTERGENIC	
*Ca_Desig_SNP2650	Ca_Desig_LG03	12863779	[T/C]		INTERGENIC	
*Ca_Desig_SNP2651	Ca_Desig_LG04	130836	[C/T]	Ca_03889	DOWNSTREAM:1891bases	Abhydrolase domain-containing protein 4

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2652	scaffold00884	684	[G/A]		INTERGENIC	
*Ca_Desig_SNP2653	Ca_Desig_LG04	2997005	[C/T]		INTERGENIC	
*Ca_Desig_SNP2654	Ca_Desig_LG04	3010593	[A/G]	Ca_04090	SYNONYMOUS_CODING	Probable protein phosphatase 2C 59
*Ca_Desig_SNP2655	scaffold00482	32331	[A/C]	Ca_09274	DOWNSTREAM:891bases	Putative uncharacterized protein
*Ca_Desig_SNP2656	scaffold03605	29063	[C/T]		INTERGENIC	
*Ca_Desig_SNP2657	scaffold00788	2693	[A/C]		INTERGENIC	
*Ca_Desig_SNP2658	Ca_Desig_LG03	17065584	[C/G]	Ca_03329	SYNONYMOUS_CODING	CBS domain-containing protein CBSX1, chloroplastic
*Ca_Desig_SNP2659	Ca_Desig_LG04	21752246	[T/G]	Ca_05200	SYNONYMOUS_CODING	Zinc finger protein JACKDAW
*Ca_Desig_SNP2660	scaffold00804	765	[T/C]		INTERGENIC	
*Ca_Desig_SNP2661	Ca_Desig_LG02	595836	[A/T]	Ca_01065	INTRON	Ethylene-responsive transcription factor RAP2-7
*Ca_Desig_SNP2662	scaffold00585	5216	[C/A]		INTERGENIC	
*Ca_Desig_SNP2663	Ca_Desig_LG03	11391311	[A/G]	Ca_02936	INTRON	Transmembrane protein 8B
*Ca_Desig_SNP2664	scaffold00779	951	[A/G]		INTERGENIC	
*Ca_Desig_SNP2665	scaffold00893	1588	[A/G]	Ca_14399	INTRON	Tripeptidyl-peptidase 2
*Ca_Desig_SNP2666	Ca_Desig_LG04	3063851	[G/T]		INTERGENIC	
*Ca_Desig_SNP2667	scaffold00511	1919	[G/C]		INTERGENIC	
*Ca_Desig_SNP2668	Ca_Desig_LG06	10266792	[A/C]	Ca_07266	DOWNSTREAM:1572bases	Pentatricopeptide repeat-containing protein At5g14770, mitochondrial
*Ca_Desig_SNP2669	scaffold00775	2561	[T/G]	Ca_13986	DOWNSTREAM:1164bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP2670	scaffold01365	57798	[T/C]		INTERGENIC	
*Ca_Desig_SNP2671	scaffold07628	38037	[T/G]		INTERGENIC	
*Ca_Desig_SNP2672	scaffold13621	156800	[T/A]		INTERGENIC	
*Ca_Desig_SNP2673	scaffold00702	6571	[A/G]		INTERGENIC	
*Ca_Desig_SNP2674	Ca_Desig_LG06	6049168	[A/C]		INTERGENIC	
*Ca_Desig_SNP2675	Ca_Desig_LG07	2570445	[C/T]	Ca_07547	DOWNSTREAM:691bases	Pentatricopeptide repeat-containing protein At1g71490
*Ca_Desig_SNP2676	Ca_Desig_LG04	2990741	[T/A]	Ca_04088	DOWNSTREAM:307bases	Unknown expressed protein
*Ca_Desig_SNP2677	scaffold01365	66352	[T/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2678	scaffold01135	202	[A/G]		INTERGENIC	
*Ca_Desig_SNP2679	Ca_Desig_LG04	3055686	[A/C]	Ca_04094	INTRON	Ubiquitin carboxyl-terminal hydrolase 19
*Ca_Desig_SNP2680	scaffold01365	72141	[A/T]		INTERGENIC	
*Ca_Desig_SNP2681	Ca_Desig_LG06	6045978	[C/A]	Ca_06916	DOWNSTREAM:1486bases	Acyl-coenzyme A oxidase 2, peroxisomal
*Ca_Desig_SNP2682	scaffold01625	91382	[T/G]		INTERGENIC	
*Ca_Desig_SNP2683	scaffold00970	55200	[T/G]		INTERGENIC	
*Ca_Desig_SNP2684	scaffold00492	15327	[T/G]		INTERGENIC	
*Ca_Desig_SNP2685	Ca_Desig_LG04	8131384	[T/G]	Ca_04406	NON_SYNONYMOUS_CODING	Transcriptional corepressor LEUNIG
*Ca_Desig_SNP2686	Ca_Desig_LG07	8187265	[T/C]	Ca_07932	INTRON	Probable zinc protease pqqL
*Ca_Desig_SNP2687	scaffold01365	149608	[G/A]		INTERGENIC	
*Ca_Desig_SNP2688	scaffold01365	153756	[C/T]		INTERGENIC	
*Ca_Desig_SNP2689	Ca_Desig_LG08	10194696	[A/C]	Ca_08722	NON_SYNONYMOUS_CODING	Putative uncharacterized protein
*Ca_Desig_SNP2690	Ca_Desig_LG06	5881201	[C/T]		INTERGENIC	
*Ca_Desig_SNP2691	Ca_Desig_LG06	6103720	[G/T]	Ca_06920	SYNONYMOUS_CODING	Late embryogenesis abundant (LEA) hydroxyproline-rich glycoprotein family
*Ca_Desig_SNP2692	Ca_Desig_LG01	3570670	[T/A]	Ca_00364	DOWNSTREAM:1997bases	Eukaryotic translation initiation factor 4E-1
*Ca_Desig_SNP2693	scaffold00686	1877	[T/C]		INTERGENIC	
*Ca_Desig_SNP2694	scaffold00752	3517	[A/C]	Ca_13923	UTR_3_PRIME:123bases	Uncharacterized protein At5g39865
*Ca_Desig_SNP2695	scaffold00747	2273	[A/C]		INTERGENIC	
*Ca_Desig_SNP2696	Ca_Desig_LG06	5943564	[C/T]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2697	Ca_Desig_LG06	5946749	[C/T]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2698	scaffold01365	34405	[C/G]		INTERGENIC	
*Ca_Desig_SNP2699	scaffold01365	149512	[T/C]		INTERGENIC	
*Ca_Desig_SNP2700	scaffold00775	2365	[A/G]	Ca_13986	DOWNSTREAM:968bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP2701	scaffold01365	153806	[A/G]		INTERGENIC	
*Ca_Desig_SNP2702	scaffold00167	143780	[T/G]		INTERGENIC	
*Ca_Desig_SNP2703	Ca_Desig_LG06	6048824	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2704	scaffold00514	74304	[C/T]	Ca_09347	INTRON	Zinc finger CCCH domain-containing protein 12
*Ca_Desig_SNP2705	Ca_Desig_LG06	5765551	[G/A]	Ca_06881	SYNONYMOUS_CODING	Uncharacterized GTP-binding protein At5g64813
*Ca_Desig_SNP2706	scaffold00876	6639	[A/G]		INTERGENIC	
*Ca_Desig_SNP2707	Ca_Desig_LG08	827371	[T/G]	Ca_08054	SYNONYMOUS_CODING	UPF0057 membrane protein At4g30660
*Ca_Desig_SNP2708	Ca_Desig_LG02	13147111	[T/G]	Ca_01855	INTRON	Beta-adaptin-like protein C
*Ca_Desig_SNP2709	scaffold01277	116803	[A/C]		INTERGENIC	
*Ca_Desig_SNP2710	scaffold01365	72452	[A/G]		INTERGENIC	
*Ca_Desig_SNP2711	Ca_Desig_LG06	5942263	[T/G]		INTERGENIC	
*Ca_Desig_SNP2712	Ca_Desig_LG06	5943369	[C/T]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2713	scaffold01365	10298	[C/T]		INTERGENIC	
*Ca_Desig_SNP2714	scaffold01365	123508	[C/A]		INTERGENIC	
*Ca_Desig_SNP2715	scaffold03204	229136	[A/C]		INTERGENIC	
*Ca_Desig_SNP2716	Ca_Desig_LG02	2124933	[T/G]	Ca_01184	SYNONYMOUS_CODING	LOB domain-containing protein 41
*Ca_Desig_SNP2717	Ca_Desig_LG06	5600377	[C/A]		INTERGENIC	
*Ca_Desig_SNP2718	scaffold00274	17554	[G/A]		INTERGENIC	
*Ca_Desig_SNP2719	scaffold01638	42282	[A/C]		INTERGENIC	
*Ca_Desig_SNP2720	scaffold00499	8514	[G/A]	Ca_12912	DOWNSTREAM:1206bases	Putative respiratory burst oxidase homolog protein H
*Ca_Desig_SNP2721	scaffold00968	158	[C/A]		INTERGENIC	
*Ca_Desig_SNP2722	scaffold02672	80695	[A/C]		INTERGENIC	
*Ca_Desig_SNP2723	Ca_Desig_LG06	5601147	[G/C]		INTERGENIC	
*Ca_Desig_SNP2724	Ca_Desig_LG06	5942121	[G/A]		INTERGENIC	
*Ca_Desig_SNP2725	scaffold01310	213541	[G/A]		INTERGENIC	
*Ca_Desig_SNP2726	scaffold01310	244409	[G/A]		INTERGENIC	
*Ca_Desig_SNP2727	Ca_Desig_LG02	2124928	[C/A]	Ca_01184	SYNONYMOUS_CODING	LOB domain-containing protein 41
*Ca_Desig_SNP2728	Ca_Desig_LG06	5944178	[C/T]	Ca_06902	NON_SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2729	Ca_Desig_LG06	5611311	[T/A]	Ca_06869	SYNONYMOUS_CODING	Protein DDB_G0268328



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2730	scaffold16048	61341	[C/G]		INTERGENIC	
*Ca_Desig_SNP2731	scaffold00938	1100	[A/G]		INTERGENIC	
*Ca_Desig_SNP2732	scaffold01137	82	[C/T]		INTERGENIC	
*Ca_Desig_SNP2733	Ca_Desig_LG06	5947178	[T/A]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2734	scaffold16048	61340	[G/C]		INTERGENIC	
*Ca_Desig_SNP2735	scaffold01365	118443	[C/T]		INTERGENIC	
*Ca_Desig_SNP2736	scaffold00907	20787	[C/T]		INTERGENIC	
*Ca_Desig_SNP2737	Ca_Desig_LG06	5574091	[C/T]	Ca_06865	DOWNSTREAM:125bases	Violaxanthin de-epoxidase, chloroplastic
*Ca_Desig_SNP2738	scaffold01365	10382	[G/C]		INTERGENIC	
*Ca_Desig_SNP2739	Ca_Desig_LG06	5992325	[A/C]		INTERGENIC	
*Ca_Desig_SNP2740	Ca_Desig_LG06	5948138	[T/A]	Ca_06902	NON_SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2741	scaffold01310	214050	[C/A]		INTERGENIC	
*Ca_Desig_SNP2742	Ca_Desig_LG05	12461772	[C/A]	Ca_06284	DOWNSTREAM:768bases	Oxygen-independent coproporphyrinogen-III oxidase-like protein sll1917
*Ca_Desig_SNP2743	scaffold00852	985	[T/C]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP2744	scaffold03153	57805	[T/C]		INTERGENIC	
*Ca_Desig_SNP2745	scaffold00898	76	[G/A]		INTERGENIC	
*Ca_Desig_SNP2746	Ca_Desig_LG06	5933120	[C/T]	Ca_06901	NON_SYNONYMOUS_CODING	Formation of crista junctions protein 1
*Ca_Desig_SNP2747	Ca_Desig_LG04	4878479	[G/A]	Ca_04219	DOWNSTREAM:839bases	Cysteine/Histidine-rich C1 domain family protein
*Ca_Desig_SNP2748	scaffold01300	140274	[A/C]		INTERGENIC	
*Ca_Desig_SNP2749	Ca_Desig_LG06	5830309	[C/T]		INTERGENIC	
*Ca_Desig_SNP2750	Ca_Desig_LG04	334803	[T/G]	Ca_03904	NON_SYNONYMOUS_CODING	5'-3' exoribonuclease 3
*Ca_Desig_SNP2751	Ca_Desig_LG04	20331211	[A/C]	Ca_05087	NON_SYNONYMOUS_CODING	N-terminal kinase-like protein
*Ca_Desig_SNP2752	Ca_Desig_LG06	5855793	[T/A]	Ca_06892	INTRON	Uncharacterized protein sll1770
*Ca_Desig_SNP2753	Ca_Desig_LG02	1883034	[A/C]	Ca_01163	SYNONYMOUS_CODING	Nipped-B-like protein
*Ca_Desig_SNP2754	Ca_Desig_LG04	9726657	[T/G]	Ca_04540	DOWNSTREAM:77bases	Transcription regulatory protein SNF2
*Ca_Desig_SNP2755	scaffold00760	1346	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2756	scaffold00779	946	[T/C]		INTERGENIC	
*Ca_Desig_SNP2757	Ca_Desig_LG06	4911716	[G/T]	Ca_06836	INTRON	Kinesin-like protein KIF15-B
*Ca_Desig_SNP2758	scaffold02847	49647	[A/C]		INTERGENIC	
*Ca_Desig_SNP2759	scaffold00686	5079	[G/T]		INTERGENIC	
*Ca_Desig_SNP2760	Ca_Desig_LG06	7472934	[C/T]		INTERGENIC	
*Ca_Desig_SNP2761	Ca_Desig_LG06	5623892	[T/C]	Ca_06869	INTRON	Protein DDB_G0268328
*Ca_Desig_SNP2762	Ca_Desig_LG06	7597902	[A/G]	Ca_07047	UTR_3_PRIME:165bases	Cyclin-dependent kinase G-2
*Ca_Desig_SNP2763	Ca_Desig_LG06	7597654	[G/A]	Ca_07047	UTR_3_PRIME:413bases	Cyclin-dependent kinase G-2
*Ca_Desig_SNP2764	Ca_Desig_LG03	23164542	[T/C]	Ca_03866	INTRON	Glycogen synthase
*Ca_Desig_SNP2765	scaffold00775	2390	[A/G]	Ca_13986	DOWNSTREAM:993bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP2766	Ca_Desig_LG06	5949037	[C/T]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2767	scaffold03153	57809	[G/A]		INTERGENIC	
*Ca_Desig_SNP2768	scaffold01173	68	[A/G]		INTERGENIC	
*Ca_Desig_SNP2769	Ca_Desig_LG06	5931987	[C/T]		INTERGENIC	
*Ca_Desig_SNP2770	Ca_Desig_LG06	7511058	[C/G]	Ca_07041	DOWNSTREAM:1520bases	Mannosyl-oligosaccharide glucosidase
*Ca_Desig_SNP2771	Ca_Desig_LG06	5931952	[C/G]		INTERGENIC	
*Ca_Desig_SNP2772	scaffold01152	180	[A/T]		INTERGENIC	
*Ca_Desig_SNP2773	Ca_Desig_LG06	7539901	[T/A]	Ca_07041	INTRON	Mannosyl-oligosaccharide glucosidase
*Ca_Desig_SNP2774	Ca_Desig_LG06	7589557	[G/A]		INTERGENIC	
*Ca_Desig_SNP2775	scaffold00763	1594	[A/G]		INTERGENIC	
*Ca_Desig_SNP2776	scaffold03224	10297	[C/A]		INTERGENIC	
*Ca_Desig_SNP2777	scaffold00884	1491	[T/C]		INTERGENIC	
*Ca_Desig_SNP2778	Ca_Desig_LG06	7594832	[T/C]		INTERGENIC	
*Ca_Desig_SNP2779	Ca_Desig_LG04	328232	[C/T]	Ca_03903	INTRON	Filament-like plant protein 4
*Ca_Desig_SNP2780	Ca_Desig_LG06	7502284	[G/A]		INTERGENIC	
*Ca_Desig_SNP2781	Ca_Desig_LG04	1104683	[A/C]	Ca_03963	SYNONYMOUS_CODING	Nucleobase-ascorbate transporter 3

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2782	Ca_Desig_LG06	5947130	[G/A]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2783	scaffold00879	1902	[A/T]		INTERGENIC	
*Ca_Desig_SNP2784	scaffold08694	169	[C/T]		INTERGENIC	
*Ca_Desig_SNP2785	scaffold12042	63045	[T/G]		INTERGENIC	
*Ca_Desig_SNP2786	scaffold02333	85348	[T/C]		INTERGENIC	
*Ca_Desig_SNP2787	Ca_Desig_LG01	1938763	[A/G]	Ca_00203	NON_SYNONYMOUS_CODING	Splicing factor 3B subunit 1
*Ca_Desig_SNP2788	scaffold14259	37430	[G/T]		INTERGENIC	
*Ca_Desig_SNP2789	scaffold01408	39708	[T/C]		INTERGENIC	
*Ca_Desig_SNP2790	scaffold00883	414217	[A/G]		INTERGENIC	
*Ca_Desig_SNP2791	scaffold00880	1015	[T/C]		INTERGENIC	
*Ca_Desig_SNP2792	scaffold00883	223998	[T/A]		INTERGENIC	
*Ca_Desig_SNP2793	scaffold00771	2499	[T/C]		INTERGENIC	
*Ca_Desig_SNP2794	Ca_Desig_LG04	4656183	[C/A]	Ca_04204	INTRON	Probable glucuronosyltransferase GUT1
*Ca_Desig_SNP2795	scaffold04282	38335	[C/A]		INTERGENIC	
*Ca_Desig_SNP2796	scaffold00233	726	[C/T]	Ca_08976	INTRON	Transcription activator GLK1
*Ca_Desig_SNP2797	Ca_Desig_LG06	7540355	[G/A]	Ca_07041	INTRON	Mannosyl-oligosaccharide glucosidase
*Ca_Desig_SNP2798	Ca_Desig_LG04	9345307	[A/G]		INTERGENIC	
*Ca_Desig_SNP2799	scaffold02308	11571	[A/C]	Ca_10479	DOWNSTREAM:1277bases	Putative uncharacterized protein
*Ca_Desig_SNP2800	scaffold03282	47561	[G/A]		INTERGENIC	
*Ca_Desig_SNP2801	Ca_Desig_LG03	234208	[A/T]	Ca_02182	NON_SYNONYMOUS_CODING	unknown protein
*Ca_Desig_SNP2802	scaffold01310	217142	[C/T]		INTERGENIC	
*Ca_Desig_SNP2803	Ca_Desig_LG06	7572470	[C/T]	Ca_07044	NON_SYNONYMOUS_CODING	ATP-dependent RNA helicase dhx8
*Ca_Desig_SNP2804	scaffold00998	221637	[G/T]		INTERGENIC	
*Ca_Desig_SNP2805	scaffold03282	62521	[C/T]		INTERGENIC	
*Ca_Desig_SNP2806	scaffold06654	25520	[T/G]		INTERGENIC	
*Ca_Desig_SNP2807	scaffold04453	258761	[T/C]		INTERGENIC	

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*Ca_Desi_SNP2808	scaffold00883	223946	[A/C]		INTERGENIC	
*Ca_Desi_SNP2809	Ca_Desi_LG02	15223716	[A/G]	Ca_02013	SYNONYMOUS_CODING	Two-component response regulator ARR14
*Ca_Desi_SNP2810	scaffold00876	10369	[T/C]		INTERGENIC	
*Ca_Desi_SNP2811	scaffold00982	137619	[T/C]		INTERGENIC	
*Ca_Desi_SNP2812	scaffold00279	41249	[T/G]	Ca_11795	INTRON	F-box protein At1g61340
*Ca_Desi_SNP2813	scaffold03282	47446	[G/A]		INTERGENIC	
*Ca_Desi_SNP2814	scaffold00922	600	[A/G]		INTERGENIC	
*Ca_Desi_SNP2815	Ca_Desi_LG06	7539911	[A/G]	Ca_07041	INTRON	Mannosyl-oligosaccharide glucosidase
*Ca_Desi_SNP2816	scaffold00866	933	[T/C]	Ca_14324	DOWNSTREAM:396bases	NADP-specific glutamate dehydrogenase
*Ca_Desi_SNP2817	scaffold01310	220130	[C/T]		INTERGENIC	
*Ca_Desi_SNP2818	Ca_Desi_LG08	355989	[A/C]	Ca_08007	NON_SYNONYMOUS_CODING	UPF0420 protein C16orf58 homolog
*Ca_Desi_SNP2819	Ca_Desi_LG03	17840051	[A/C]		INTERGENIC	
*Ca_Desi_SNP2820	scaffold00884	651	[T/C]		INTERGENIC	
*Ca_Desi_SNP2821	scaffold11144	114751	[G/A]		INTERGENIC	
*Ca_Desi_SNP2822	scaffold00852	774	[T/C]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desi_SNP2823	scaffold04453	258778	[T/C]		INTERGENIC	
*Ca_Desi_SNP2824	Ca_Desi_LG06	7537055	[G/T]	Ca_07041	INTRON	Mannosyl-oligosaccharide glucosidase
*Ca_Desi_SNP2825	Ca_Desi_LG02	8234071	[A/G]		INTERGENIC	
*Ca_Desi_SNP2826	scaffold00989	418	[C/T]		INTERGENIC	
*Ca_Desi_SNP2827	Ca_Desi_LG04	371576	[G/T]		INTERGENIC	
*Ca_Desi_SNP2828	Ca_Desi_LG07	2196288	[T/A]	Ca_07527	INTRON	Phospholipid-transporting ATPase 3
*Ca_Desi_SNP2829	scaffold00710	698	[A/G]		INTERGENIC	
*Ca_Desi_SNP2830	scaffold00928	1207	[T/C]		INTERGENIC	
*Ca_Desi_SNP2831	scaffold00768	3059	[T/C]		INTERGENIC	
*Ca_Desi_SNP2832	scaffold00761	3635	[T/C]		INTERGENIC	
*Ca_Desi_SNP2833	scaffold00725	4440	[G/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2834	scaffold03282	49793	[G/A]		INTERGENIC	
*Ca_Desig_SNP2835	scaffold00950	353	[A/C]		INTERGENIC	
*Ca_Desig_SNP2836	scaffold00809	2541	[A/G]		INTERGENIC	
*Ca_Desig_SNP2837	Ca_Desig_LG06	10334724	[A/C]	Ca_07275	NON_SYNONYMOUS_CODING	MutS2 protein
*Ca_Desig_SNP2838	scaffold01310	244444	[C/T]		INTERGENIC	
*Ca_Desig_SNP2839	scaffold00714	2030	[A/C]	Ca_13757	UTR_5_PRIME:29bases	Chaperone protein dnaJ 1, mitochondrial
*Ca_Desig_SNP2840	scaffold00642	286	[A/T]		INTERGENIC	
*Ca_Desig_SNP2841	scaffold04586	185726	[A/G]		INTERGENIC	
*Ca_Desig_SNP2842	scaffold00943	101	[T/A]		INTERGENIC	
*Ca_Desig_SNP2843	Ca_Desig_LG03	16546905	[T/G]		INTERGENIC	
*Ca_Desig_SNP2844	scaffold00295	33789	[G/A]		INTERGENIC	
*Ca_Desig_SNP2845	scaffold01037	121309	[A/C]		INTERGENIC	
*Ca_Desig_SNP2846	scaffold03282	49454	[A/T]		INTERGENIC	
*Ca_Desig_SNP2847	Ca_Desig_LG05	11868634	[A/C]		INTERGENIC	
*Ca_Desig_SNP2848	Ca_Desig_LG02	14160600	[A/G]	Ca_01922	SYNONYMOUS_CODING	Lysine-specific histone demethylase 1 homolog 3
*Ca_Desig_SNP2849	scaffold05741	48113	[T/G]		INTERGENIC	
*Ca_Desig_SNP2850	scaffold00582	4776	[T/C]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2851	scaffold00637	5454	[C/G]		INTERGENIC	
*Ca_Desig_SNP2852	Ca_Desig_LG03	2679441	[A/C]		INTERGENIC	
*Ca_Desig_SNP2853	Ca_Desig_LG03	15991437	[T/A]	Ca_03229	INTRON	Putative vacuolar protein sorting-associated protein 13A
*Ca_Desig_SNP2854	Ca_Desig_LG03	11051027	[G/A]	Ca_02902	SYNONYMOUS_CODING	LETM1 and EF-hand domain-containing protein 1, mitochondrial
*Ca_Desig_SNP2855	scaffold00876	836	[T/C]		INTERGENIC	
*Ca_Desig_SNP2856	scaffold00945	205937	[G/T]		INTERGENIC	
*Ca_Desig_SNP2857	scaffold00646	4972	[A/G]		INTERGENIC	
*Ca_Desig_SNP2858	Ca_Desig_LG04	151462	[G/C]		INTERGENIC	
*Ca_Desig_SNP2859	Ca_Desig_LG04	367814	[T/G]		INTERGENIC	

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*Ca_Desig_SNP2860	Ca_Desig_LG02	14660979	[C/T]		INTERGENIC	
*Ca_Desig_SNP2861	scaffold00876	5648	[T/C]		INTERGENIC	
*Ca_Desig_SNP2862	scaffold00852	1116	[T/C]	Ca_14286	SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP2863	scaffold01106	41	[A/G]		INTERGENIC	
*Ca_Desig_SNP2864	scaffold00644	2626	[A/C]		INTERGENIC	
*Ca_Desig_SNP2865	scaffold09256	10976	[T/G]		INTERGENIC	
*Ca_Desig_SNP2866	scaffold00582	6353	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2867	Ca_Desig_LG04	367827	[C/A]		INTERGENIC	
*Ca_Desig_SNP2868	scaffold00622	8532	[A/C]		INTERGENIC	
*Ca_Desig_SNP2869	scaffold00788	3451	[T/C]		INTERGENIC	
*Ca_Desig_SNP2870	scaffold02650	79503	[T/C]		INTERGENIC	
*Ca_Desig_SNP2871	scaffold02365	27889	[A/C]		INTERGENIC	
*Ca_Desig_SNP2872	scaffold00937	224738	[G/A]		INTERGENIC	
*Ca_Desig_SNP2873	scaffold00876	5624	[T/C]		INTERGENIC	
*Ca_Desig_SNP2874	scaffold00725	4460	[T/C]		INTERGENIC	
*Ca_Desig_SNP2875	scaffold00876	6649	[T/C]		INTERGENIC	
*Ca_Desig_SNP2876	Ca_Desig_LG07	2952198	[C/T]		INTERGENIC	
*Ca_Desig_SNP2877	scaffold00781	9649	[T/G]		INTERGENIC	
*Ca_Desig_SNP2878	scaffold01183	75745	[G/A]		INTERGENIC	
*Ca_Desig_SNP2879	Ca_Desig_LG08	10126050	[A/C]	Ca_08711	SYNONYMOUS_CODING	Chromatin structure-remodeling complex subunit snf21
*Ca_Desig_SNP2880	scaffold03073	274127	[A/C]		INTERGENIC	
*Ca_Desig_SNP2881	scaffold00290	41537	[T/A]		INTERGENIC	
*Ca_Desig_SNP2882	scaffold00854	319	[A/G]		INTERGENIC	
*Ca_Desig_SNP2883	scaffold08694	165	[T/C]		INTERGENIC	
*Ca_Desig_SNP2884	scaffold00710	886	[G/T]		INTERGENIC	
*Ca_Desig_SNP2885	Ca_Desig_LG04	2451258	[A/G]	Ca_04047	DOWNSTREAM:1076bases	K(+) efflux antiporter 6

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2886	scaffold00286	35148	[A/T]	Ca_11812	NON_SYNONYMOUS_CODING	Putative E3 ubiquitin-protein ligase LIN-1
*Ca_Desig_SNP2887	scaffold00727	3776	[A/C]	Ca_13805	DOWNSTREAM:647bases	Unknown expressed protein
*Ca_Desig_SNP2888	scaffold02650	80887	[G/A]		INTERGENIC	
*Ca_Desig_SNP2889	Ca_Desig_LG06	10710378	[A/C]		INTERGENIC	
*Ca_Desig_SNP2890	scaffold00735	2868	[A/G]	Ca_13852	DOWNSTREAM:1578bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP2891	Ca_Desig_LG04	2391174	[A/G]		INTERGENIC	
*Ca_Desig_SNP2892	scaffold00582	5073	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2893	scaffold00212	83595	[T/G]		INTERGENIC	
*Ca_Desig_SNP2894	Ca_Desig_LG05	8515283	[A/C]	Ca_05938	NON_SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2895	Ca_Desig_LG08	9962985	[T/G]	Ca_08691	INTRON	Protein ALWAYS EARLY 3
*Ca_Desig_SNP2896	scaffold02681	69994	[T/C]		INTERGENIC	
*Ca_Desig_SNP2897	scaffold00880	916	[T/C]		INTERGENIC	
*Ca_Desig_SNP2898	Ca_Desig_LG06	6048304	[C/T]	Ca_06915	DOWNSTREAM:1908bases	Protein of unknown function (DUF630 and DUF632)
*Ca_Desig_SNP2899	scaffold01365	153343	[A/C]		INTERGENIC	
*Ca_Desig_SNP2900	scaffold00938	1135	[A/G]		INTERGENIC	
*Ca_Desig_SNP2901	Ca_Desig_LG06	8732387	[G/A]	Ca_07137	SYNONYMOUS_CODING	E3 ubiquitin-protein ligase UPL1
*Ca_Desig_SNP2902	Ca_Desig_LG01	3191496	[G/T]	Ca_00323	NON_SYNONYMOUS_CODING	Oryzain alpha chain
*Ca_Desig_SNP2903	scaffold00733	3442	[A/C]	Ca_13847	DOWNSTREAM:1795bases	unknown protein; FUNCTIONS IN: molecular_function unknown; INVOLVED IN: biological_process unknown;
*Ca_Desig_SNP2904	Ca_Desig_LG04	21229885	[A/C]	Ca_05170	NON_SYNONYMOUS_CODING	WD repeat-containing protein 48
*Ca_Desig_SNP2905	scaffold01365	151376	[C/T]		INTERGENIC	
*Ca_Desig_SNP2906	scaffold00994	71959	[A/C]		INTERGENIC	
*Ca_Desig_SNP2907	scaffold03846	7814	[T/G]		INTERGENIC	
*Ca_Desig_SNP2908	scaffold03846	7813	[C/A]		INTERGENIC	
*Ca_Desig_SNP2909	scaffold00866	1049	[A/G]	Ca_14324	DOWNSTREAM:280bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP2910	scaffold00779	2334	[T/A]		INTERGENIC	
*Ca_Desig_SNP2911	scaffold01158	196	[T/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desi_SNP2912	Ca_Desi_LG05	15301225	[G/T]	Ca_06432	INTRON	Peroxisome biogenesis protein 5
*Ca_Desi_SNP2913	Ca_Desi_LG05	15284611	[A/C]		INTERGENIC	
*Ca_Desi_SNP2914	scaffold00897	859	[T/C]		INTERGENIC	
*Ca_Desi_SNP2915	scaffold15702	53721	[G/T]		INTERGENIC	
*Ca_Desi_SNP2916	scaffold00805	2450	[A/C]		INTERGENIC	
*Ca_Desi_SNP2917	scaffold02772	60374	[T/G]		INTERGENIC	
*Ca_Desi_SNP2918	scaffold00333	138651	[A/G]		INTERGENIC	
*Ca_Desi_SNP2919	scaffold01136	163	[C/T]		INTERGENIC	
*Ca_Desi_SNP2920	Ca_Desi_LG06	6048899	[C/T]		INTERGENIC	
*Ca_Desi_SNP2921	scaffold00989	856	[T/C]		INTERGENIC	
*Ca_Desi_SNP2922	scaffold08055	52243	[C/T]		INTERGENIC	
*Ca_Desi_SNP2923	scaffold01050	378	[G/A]		INTERGENIC	
*Ca_Desi_SNP2924	scaffold00824	1762	[T/C]		INTERGENIC	
*Ca_Desi_SNP2925	Ca_Desi_LG05	7910722	[A/C]	Ca_05878	DOWNSTREAM:1803bases	Oxysterol-binding protein-related protein 1D
*Ca_Desi_SNP2926	scaffold00879	1745	[A/T]		INTERGENIC	
*Ca_Desi_SNP2927	scaffold01156	62	[T/C]		INTERGENIC	
*Ca_Desi_SNP2928	Ca_Desi_LG03	12863760	[G/A]		INTERGENIC	
*Ca_Desi_SNP2929	Ca_Desi_LG04	2396705	[G/A]	Ca_04041	NON_SYNONYMOUS_CODING	Far upstream element-binding protein 1
*Ca_Desi_SNP2930	Ca_Desi_LG06	6049208	[C/A]		INTERGENIC	
*Ca_Desi_SNP2931	scaffold01082	389	[C/A]		INTERGENIC	
*Ca_Desi_SNP2932	scaffold00763	1612	[T/C]		INTERGENIC	
*Ca_Desi_SNP2933	Ca_Desi_LG06	6058595	[G/T]	Ca_06917	SYNONYMOUS_CODING	Unknown expressed protein
*Ca_Desi_SNP2934	scaffold10990	58420	[C/A]	Ca_09604	NON_SYNONYMOUS_CODING	Haloacid dehalogenase-like hydrolase (HAD) superfamily protein
*Ca_Desi_SNP2935	scaffold00637	5456	[A/G]		INTERGENIC	
*Ca_Desi_SNP2936	scaffold01365	76464	[A/T]		INTERGENIC	
*Ca_Desi_SNP2937	Ca_Desi_LG06	5601304	[A/G]		INTERGENIC	



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*Ca_Desig_SNP2938	scaffold00850	203	[G/A]		INTERGENIC	
*Ca_Desig_SNP2939	Ca_Desig_LG06	5582291	[T/C]	Ca_06866	INTRON	UPF0202 protein At1g10490
*Ca_Desig_SNP2940	Ca_Desig_LG04	2451122	[A/G]	Ca_04047	DOWNSTREAM:1212bases	K(+) efflux antiporter 6
*Ca_Desig_SNP2941	scaffold01130	170	[C/T]		INTERGENIC	
*Ca_Desig_SNP2942	scaffold00582	6320	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2943	Ca_Desig_LG06	6004431	[G/C]	Ca_06910	SYNONYMOUS_CODING	Probable glucan 1,3-beta-glucosidase A
*Ca_Desig_SNP2944	Ca_Desig_LG06	5573898	[T/C]	Ca_06866	DOWNSTREAM:324bases	UPF0202 protein At1g10490
*Ca_Desig_SNP2945	scaffold01958	95448	[G/C]		INTERGENIC	
*Ca_Desig_SNP2946	Ca_Desig_LG06	9897705	[T/A]	Ca_07231	NON_SYNONYMOUS_CODING	Vacuolar protein sorting-associated protein 27
*Ca_Desig_SNP2947	scaffold01365	51838	[C/T]	Ca_10195	INTRON	Putative ATPase N2B
*Ca_Desig_SNP2948	Ca_Desig_LG06	5857703	[A/G]		INTERGENIC	
*Ca_Desig_SNP2949	scaffold00308	6393	[T/C]		INTERGENIC	
*Ca_Desig_SNP2950	scaffold11731	63482	[T/G]		INTERGENIC	
*Ca_Desig_SNP2951	Ca_Desig_LG04	2463339	[G/A]	Ca_04048	INTRON	Histone deacetylase 2
*Ca_Desig_SNP2952	Ca_Desig_LG06	5960810	[C/G]	Ca_06904	DOWNSTREAM:1573bases	Peptidyl-prolyl cis-trans isomerase FKBP16-2, chloroplastic
*Ca_Desig_SNP2953	Ca_Desig_LG06	5947664	[G/A]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2954	scaffold00113	9400	[T/C]	Ca_10890	DOWNSTREAM:331bases	Ethylene-responsive transcription factor ERF012
*Ca_Desig_SNP2955	Ca_Desig_LG04	18319776	[A/C]	Ca_05002	DOWNSTREAM:264bases	ETO1-like protein 1
*Ca_Desig_SNP2956	Ca_Desig_LG03	16051305	[A/G]	Ca_03231	SYNONYMOUS_CODING	Lon protease homolog 2, peroxisomal
*Ca_Desig_SNP2957	Ca_Desig_LG07	770276	[A/G]	Ca_07445	DOWNSTREAM:339bases	Small RNA 2'-O-methyltransferase
*Ca_Desig_SNP2958	scaffold00741	908	[T/C]		INTERGENIC	
*Ca_Desig_SNP2959	scaffold00582	4790	[T/G]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP2960	Ca_Desig_LG06	5947049	[T/G]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2961	Ca_Desig_LG05	2562488	[A/C]	Ca_05415	DOWNSTREAM:1473bases	Leishmanolysin-like peptidase
*Ca_Desig_SNP2962	scaffold01958	95568	[T/C]		INTERGENIC	
*Ca_Desig_SNP2963	Ca_Desig_LG06	5830357	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2964	Ca_Desig_LG06	5765527	[G/T]	Ca_06881	SYNONYMOUS_CODING	Uncharacterized GTP-binding protein At5g64813
*Ca_Desig_SNP2965	scaffold00880	1031	[A/G]		INTERGENIC	
*Ca_Desig_SNP2966	scaffold00308	1020	[C/T]		INTERGENIC	
*Ca_Desig_SNP2967	scaffold00526	10896	[A/C]	Ca_13056	DOWNSTREAM:1092bases	--
*Ca_Desig_SNP2968	scaffold00876	10372	[A/G]		INTERGENIC	
*Ca_Desig_SNP2969	Ca_Desig_LG03	19059905	[T/G]		INTERGENIC	
*Ca_Desig_SNP2970	Ca_Desig_LG06	5805145	[G/T]		INTERGENIC	
*Ca_Desig_SNP2971	scaffold17235	90081	[T/G]		INTERGENIC	
*Ca_Desig_SNP2972	Ca_Desig_LG06	5967285	[C/G]		INTERGENIC	
*Ca_Desig_SNP2973	Ca_Desig_LG06	5944029	[G/A]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
*Ca_Desig_SNP2974	Ca_Desig_LG06	5941908	[T/C]		INTERGENIC	
*Ca_Desig_SNP2975	Ca_Desig_LG06	11453287	[C/T]		INTERGENIC	
*Ca_Desig_SNP2976	Ca_Desig_LG06	5855179	[G/A]	Ca_06892	INTRON	Uncharacterized protein sll1770
*Ca_Desig_SNP2977	Ca_Desig_LG06	5793661	[T/C]		INTERGENIC	
*Ca_Desig_SNP2978	scaffold00768	3130	[T/C]		INTERGENIC	
*Ca_Desig_SNP2979	scaffold00880	906	[A/G]		INTERGENIC	
*Ca_Desig_SNP2980	scaffold00455	10358	[T/C]		INTERGENIC	
*Ca_Desig_SNP2981	scaffold01365	34042	[G/C]		INTERGENIC	
*Ca_Desig_SNP2982	Ca_Desig_LG01	12162733	[A/T]	Ca_00932	NON_SYNONYMOUS_CODING	Probable NOT transcription complex subunit VIP2 (Fragment)
*Ca_Desig_SNP2983	Ca_Desig_LG01	757623	[T/G]	Ca_00060	NON_SYNONYMOUS_CODING	BEST Arabidopsis thaliana protein match is: hydroxyproline-rich glycoprotein family protein
*Ca_Desig_SNP2984	Ca_Desig_LG03	18976057	[T/C]		INTERGENIC	
*Ca_Desig_SNP2985	scaffold00876	888	[A/G]		INTERGENIC	
*Ca_Desig_SNP2986	scaffold00779	2245	[A/G]		INTERGENIC	
*Ca_Desig_SNP2987	scaffold01033	601	[T/C]		INTERGENIC	
*Ca_Desig_SNP2988	scaffold00937	224736	[T/G]		INTERGENIC	
*Ca_Desig_SNP2989	scaffold00879	1747	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP2990	Ca_Desig_LG06	4910031	[G/A]	Ca_06836	NON_SYNONYMOUS_CODING	Kinesin-like protein KIF15-B
*Ca_Desig_SNP2991	scaffold00876	834	[T/C]		INTERGENIC	
*Ca_Desig_SNP2992	scaffold00854	2325	[A/G]		INTERGENIC	
*Ca_Desig_SNP2993	Ca_Desig_LG06	4863652	[A/T]		INTERGENIC	
*Ca_Desig_SNP2994	Ca_Desig_LG06	4910422	[C/T]	Ca_06836	INTRON	Kinesin-like protein KIF15-B
*Ca_Desig_SNP2995	scaffold01737	114457	[C/A]		INTERGENIC	
*Ca_Desig_SNP2996	Ca_Desig_LG06	4915651	[A/T]		INTERGENIC	
*Ca_Desig_SNP2997	scaffold00206	47709	[T/C]	Ca_11345	INTRON	Secologanin synthase
*Ca_Desig_SNP2998	Ca_Desig_LG06	7881974	[C/T]	Ca_07073	INTRON	Protein of unknown function (DUF789)
*Ca_Desig_SNP2999	Ca_Desig_LG02	14756579	[G/T]		INTERGENIC	
*Ca_Desig_SNP3000	scaffold02139	163211	[G/A]		INTERGENIC	
*Ca_Desig_SNP3001	scaffold00876	5290	[A/G]		INTERGENIC	
*Ca_Desig_SNP3002	scaffold00805	2433	[A/G]		INTERGENIC	
*Ca_Desig_SNP3003	scaffold01159	125	[T/C]		INTERGENIC	
*Ca_Desig_SNP3004	scaffold00763	1596	[A/G]		INTERGENIC	
*Ca_Desig_SNP3005	scaffold00383	24478	[G/T]		INTERGENIC	
*Ca_Desig_SNP3006	Ca_Desig_LG01	1486074	[T/G]		INTERGENIC	
*Ca_Desig_SNP3007	scaffold00702	6591	[T/C]		INTERGENIC	
*Ca_Desig_SNP3008	scaffold00938	1140	[T/C]		INTERGENIC	
*Ca_Desig_SNP3009	scaffold00989	895	[T/C]		INTERGENIC	
*Ca_Desig_SNP3010	scaffold00747	2261	[A/C]		INTERGENIC	
*Ca_Desig_SNP3011	Ca_Desig_LG08	3747504	[A/C]	Ca_08175	NON_SYNONYMOUS_CODING	Pectinesterase/pectinesterase inhibitor PPE8B
*Ca_Desig_SNP3012	scaffold00771	2534	[T/C]		INTERGENIC	
*Ca_Desig_SNP3013	scaffold00962	274	[A/C]		INTERGENIC	
*Ca_Desig_SNP3014	Ca_Desig_LG05	1671297	[C/A]	Ca_05329	DOWNSTREAM:1375bases	Carboxypeptidase A6
*Ca_Desig_SNP3015	scaffold00646	4953	[A/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3016	Ca_Desig_LG04	21752249	[T/G]	Ca_05200	SYNONYMOUS_CODING	Zinc finger protein JACKDAW
*Ca_Desig_SNP3017	scaffold00824	2795	[T/C]		INTERGENIC	
*Ca_Desig_SNP3018	scaffold02452	33563	[C/A]		INTERGENIC	
*Ca_Desig_SNP3019	scaffold00882	1533	[A/G]		INTERGENIC	
*Ca_Desig_SNP3020	scaffold02206	86284	[A/C]		INTERGENIC	
*Ca_Desig_SNP3021	scaffold00866	884	[A/G]	Ca_14324	DOWNSTREAM:445bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP3022	scaffold00625	1511	[C/A]		INTERGENIC	
*Ca_Desig_SNP3023	scaffold00876	5637	[A/G]		INTERGENIC	
*Ca_Desig_SNP3024	scaffold00833	2068	[T/G]		INTERGENIC	
*Ca_Desig_SNP3025	scaffold00509	4183	[A/C]		INTERGENIC	
*Ca_Desig_SNP3026	scaffold00854	346	[T/C]		INTERGENIC	
*Ca_Desig_SNP3027	scaffold00771	2524	[A/G]		INTERGENIC	
*Ca_Desig_SNP3028	scaffold00876	6641	[T/C]		INTERGENIC	
*Ca_Desig_SNP3029	Ca_Desig_LG06	9507954	[A/C]	Ca_07189	SYNONYMOUS_CODING	Negative regulator of genetic competence ClpC/MecB
*Ca_Desig_SNP3030	Ca_Desig_LG03	19827450	[C/A]	Ca_03610	SYNONYMOUS_CODING	Bromodomain adjacent to zinc finger domain protein 1A
*Ca_Desig_SNP3031	scaffold00876	781	[T/C]		INTERGENIC	
*Ca_Desig_SNP3032	Ca_Desig_LG08	3500433	[G/T]		INTERGENIC	
*Ca_Desig_SNP3033	Ca_Desig_LG05	12992831	[C/G]	Ca_06328	NON_SYNONYMOUS_CODING	unknown protein
*Ca_Desig_SNP3034	scaffold00686	3639	[T/C]		INTERGENIC	
*Ca_Desig_SNP3035	scaffold00882	1545	[C/T]		INTERGENIC	
*Ca_Desig_SNP3036	Ca_Desig_LG03	11391314	[A/G]	Ca_02936	INTRON	Transmembrane protein 8B
*Ca_Desig_SNP3037	scaffold01081	258	[T/C]		INTERGENIC	
*Ca_Desig_SNP3038	Ca_Desig_LG04	3326298	[T/G]	Ca_04114	NON_SYNONYMOUS_CODING	2Fe-2S ferredoxin-like superfamily protein
*Ca_Desig_SNP3039	Ca_Desig_LG05	14343532	[A/C]	Ca_06389	SYNONYMOUS_CODING	Vacuolar protein sorting-associated protein 16 homolog
*Ca_Desig_SNP3040	scaffold00292	4515	[C/T]		INTERGENIC	
*Ca_Desig_SNP3041	scaffold13621	156795	[C/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3042	scaffold00417	19445	[G/A]	Ca_12539	INTRON	GDT1-like protein 3
*Ca_Desig_SNP3043	scaffold00852	790	[T/C]	Ca_14286	SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP3044	scaffold00435	21895	[A/T]		INTERGENIC	
*Ca_Desig_SNP3045	scaffold00702	6594	[A/G]		INTERGENIC	
*Ca_Desig_SNP3046	scaffold00455	10356	[C/T]		INTERGENIC	
*Ca_Desig_SNP3047	Ca_Desig_LG07	7497869	[G/A]		INTERGENIC	
*Ca_Desig_SNP3048	scaffold00824	1774	[A/G]		INTERGENIC	
*Ca_Desig_SNP3049	scaffold00686	3640	[A/G]		INTERGENIC	
*Ca_Desig_SNP3050	scaffold01165	2888	[A/C]		INTERGENIC	
*Ca_Desig_SNP3051	Ca_Desig_LG03	14172702	[A/G]	Ca_03117	INTRON	CDP-diacylglycerol-glycerol-3-phosphate 3-phosphatidyltransferase
*Ca_Desig_SNP3052	scaffold00824	2562	[T/C]		INTERGENIC	
*Ca_Desig_SNP3053	scaffold00789	2034	[A/C]		INTERGENIC	
*Ca_Desig_SNP3054	scaffold00212	151725	[T/G]	Ca_08884	INTRON	zinc ion binding
*Ca_Desig_SNP3055	scaffold00876	10458	[T/C]		INTERGENIC	
*Ca_Desig_SNP3056	Ca_Desig_LG03	993126	[A/G]	Ca_02241	DOWNSTREAM:1507bases	bonsai
*Ca_Desig_SNP3057	Ca_Desig_LG04	5533572	[A/C]	Ca_04247	NON_SYNONYMOUS_CODING	Putative white-brown complex homolog protein 30
*Ca_Desig_SNP3058	Ca_Desig_LG06	10358350	[G/A]	Ca_07279	DOWNSTREAM:467bases	Vesicle-fusing ATPase
*Ca_Desig_SNP3059	scaffold00346	28631	[A/G]		INTERGENIC	
*Ca_Desig_SNP3060	scaffold00346	17408	[A/C]		INTERGENIC	
*Ca_Desig_SNP3061	scaffold00741	1019	[A/G]		INTERGENIC	
*Ca_Desig_SNP3062	scaffold16742	15375	[G/T]		INTERGENIC	
*Ca_Desig_SNP3063	scaffold00741	793	[T/C]		INTERGENIC	
*Ca_Desig_SNP3064	scaffold01783	9088	[A/G]		INTERGENIC	
*Ca_Desig_SNP3065	scaffold03391	114447	[T/G]		INTERGENIC	
*Ca_Desig_SNP3066	scaffold01060	28433	[T/A]		INTERGENIC	
*Ca_Desig_SNP3067	Ca_Desig_LG03	23164356	[T/C]	Ca_03866	INTRON	Glycogen synthase

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*Ca_Desig_SNP3068	scaffold01159	154	[T/C]		INTERGENIC	
*Ca_Desig_SNP3069	scaffold00785	2241	[C/A]		INTERGENIC	
*Ca_Desig_SNP3070	scaffold00804	746	[T/C]		INTERGENIC	
*Ca_Desig_SNP3071	scaffold04147	23865	[A/C]		INTERGENIC	
*Ca_Desig_SNP3072	scaffold00686	2608	[A/G]		INTERGENIC	
*Ca_Desig_SNP3073	scaffold00788	3359	[T/C]		INTERGENIC	
*Ca_Desig_SNP3074	scaffold01042	653	[T/A]		INTERGENIC	
*Ca_Desig_SNP3075	scaffold01861	87753	[T/C]		INTERGENIC	
*Ca_Desig_SNP3076	scaffold00582	6315	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3077	scaffold00876	854	[C/A]		INTERGENIC	
*Ca_Desig_SNP3078	scaffold00876	857	[T/C]		INTERGENIC	
*Ca_Desig_SNP3079	scaffold01105	433	[T/C]		INTERGENIC	
*Ca_Desig_SNP3080	scaffold01106	48	[A/G]		INTERGENIC	
*Ca_Desig_SNP3081	Ca_Desig_LG04	3012464	[G/C]		INTERGENIC	
*Ca_Desig_SNP3082	scaffold00789	2311	[T/C]		INTERGENIC	
*Ca_Desig_SNP3083	scaffold00215	135130	[C/A]	Ca_08894	INTRON	Uridine kinase-like protein 4
*Ca_Desig_SNP3084	scaffold00601	11689	[A/G]	Ca_13336	NON_SYNONYMOUS_CODING	Disease resistance protein RPM1
*Ca_Desig_SNP3085	scaffold01063	309	[A/C]		INTERGENIC	
*Ca_Desig_SNP3086	scaffold00686	1699	[A/G]		INTERGENIC	
*Ca_Desig_SNP3087	scaffold00798	3197	[T/C]		INTERGENIC	
*Ca_Desig_SNP3088	scaffold00262	957	[T/G]	Ca_11634	NON_SYNONYMOUS_CODING	maternal effect embryo arrest 14
*Ca_Desig_SNP3089	scaffold00860	930	[T/C]		INTERGENIC	
*Ca_Desig_SNP3090	scaffold03922	68387	[C/A]		INTERGENIC	
*Ca_Desig_SNP3091	Ca_Desig_LG06	6792785	[C/A]	Ca_06979	NON_SYNONYMOUS_CODING	WD repeat-containing protein 53
*Ca_Desig_SNP3092	Ca_Desig_LG06	6792786	[T/C]	Ca_06979	SYNONYMOUS_CODING	WD repeat-containing protein 53
*Ca_Desig_SNP3093	Ca_Desig_LG08	6929295	[C/T]	Ca_08499	INTRON	Ribosome production factor 1

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*Ca_Desig_SNP3094	scaffold00673	7204	[C/T]		INTERGENIC	
*Ca_Desig_SNP3095	scaffold01861	99806	[C/G]		INTERGENIC	
*Ca_Desig_SNP3096	scaffold00400	29468	[T/G]	Ca_12466	DOWNSTREAM:1150bases	Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein
*Ca_Desig_SNP3097	scaffold00763	1597	[C/A]		INTERGENIC	
*Ca_Desig_SNP3098	scaffold00263	37852	[G/C]	Ca_11660	DOWNSTREAM:1357bases	22.7 kDa class IV heat shock protein
*Ca_Desig_SNP3099	scaffold00804	773	[A/G]		INTERGENIC	
*Ca_Desig_SNP3100	scaffold01183	106782	[A/G]		INTERGENIC	
*Ca_Desig_SNP3101	Ca_Desig_LG08	7032885	[T/C]	Ca_08514	INTRON	GDP-fucose protein O-fucosyltransferase 2
*Ca_Desig_SNP3102	scaffold00854	317	[A/G]		INTERGENIC	
*Ca_Desig_SNP3103	scaffold01032	716	[G/A]		INTERGENIC	
*Ca_Desig_SNP3104	scaffold04233	54113	[T/C]		INTERGENIC	
*Ca_Desig_SNP3105	Ca_Desig_LG04	15957928	[G/A]		INTERGENIC	
*Ca_Desig_SNP3106	Ca_Desig_LG08	7060761	[A/C]	Ca_08515	INTRON	DNA-directed RNA polymerase III subunit RPC2
*Ca_Desig_SNP3107	Ca_Desig_LG07	7980565	[T/G]	Ca_07914	INTRON	Nucleoside diphosphate kinase 6
*Ca_Desig_SNP3108	Ca_Desig_LG07	3675434	[G/C]	Ca_07634	DOWNSTREAM:1156bases	SOUL heme-binding family protein
*Ca_Desig_SNP3109	scaffold00761	3718	[A/G]		INTERGENIC	
*Ca_Desig_SNP3110	scaffold00261	25686	[C/T]		INTERGENIC	
*Ca_Desig_SNP3111	scaffold01168	48197	[G/A]		INTERGENIC	
*Ca_Desig_SNP3112	Ca_Desig_LG08	6890396	[C/T]	Ca_08496	DOWNSTREAM:864bases	B3 domain-containing protein Os03g0120900
*Ca_Desig_SNP3113	Ca_Desig_LG06	4793130	[T/G]	Ca_06824	INTRON	Bifunctional aspartokinase/homoserine dehydrogenase, chloroplastic (Fragment)
*Ca_Desig_SNP3114	scaffold01536	107552	[C/T]		INTERGENIC	
*Ca_Desig_SNP3115	Ca_Desig_LG08	6932494	[A/C]	Ca_08500	INTRON	Chlorophyll a-b binding protein 7, chloroplastic
*Ca_Desig_SNP3116	Ca_Desig_LG08	6929663	[A/C]		INTERGENIC	
*Ca_Desig_SNP3117	scaffold00919	560	[A/C]		INTERGENIC	
*Ca_Desig_SNP3118	scaffold01164	249	[T/G]		INTERGENIC	
*Ca_Desig_SNP3119	Ca_Desig_LG07	6484394	[G/T]	Ca_07810	NON_SYNONYMOUS_CODING	Subtilisin-like protease

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*Ca_Desig_SNP3120	scaffold02711	62227	[C/T]	Ca_10496	UPSTREAM:233bases	Probable WRKY transcription factor 19
*Ca_Desig_SNP3121	scaffold02711	62239	[A/G]	Ca_10496	UPSTREAM:245bases	Probable WRKY transcription factor 19
*Ca_Desig_SNP3122	scaffold01287	54958	[A/C]		INTERGENIC	
*Ca_Desig_SNP3123	scaffold00352	12901	[A/G]		INTERGENIC	
*Ca_Desig_SNP3124	scaffold02786	58155	[A/G]		INTERGENIC	
*Ca_Desig_SNP3125	Ca_Desig_LG04	6325212	[T/C]	Ca_04285	DOWNSTREAM:37bases	TBCC domain-containing protein 1
*Ca_Desig_SNP3126	scaffold00741	881	[T/C]		INTERGENIC	
*Ca_Desig_SNP3127	scaffold02786	58405	[C/A]		INTERGENIC	
*Ca_Desig_SNP3128	scaffold00412	2156	[G/A]		INTERGENIC	
*Ca_Desig_SNP3129	scaffold02032	96364	[A/C]		INTERGENIC	
*Ca_Desig_SNP3130	scaffold01333	67803	[C/T]	Ca_10035	DOWNSTREAM:1841bases	--
*Ca_Desig_SNP3131	scaffold02296	255013	[T/G]		INTERGENIC	
*Ca_Desig_SNP3132	scaffold00884	1620	[T/C]		INTERGENIC	
*Ca_Desig_SNP3133	Ca_Desig_LG04	7601679	[T/G]		INTERGENIC	
*Ca_Desig_SNP3134	scaffold01129	42162	[T/G]		INTERGENIC	
*Ca_Desig_SNP3135	scaffold00519	755	[A/T]		INTERGENIC	
*Ca_Desig_SNP3136	Ca_Desig_LG07	5137821	[C/T]	Ca_07701	NON_SYNONYMOUS_CODING	Probable phosphatidylinositol 4-kinase type 2-beta At1g26270
*Ca_Desig_SNP3137	scaffold02711	64438	[T/C]		INTERGENIC	
*Ca_Desig_SNP3138	scaffold02711	64255	[T/C]		INTERGENIC	
*Ca_Desig_SNP3139	Ca_Desig_LG07	5138627	[G/A]		INTERGENIC	
*Ca_Desig_SNP3140	scaffold00879	1735	[A/G]		INTERGENIC	
*Ca_Desig_SNP3141	Ca_Desig_LG08	7060826	[C/G]	Ca_08515	INTRON	DNA-directed RNA polymerase III subunit RPC2
*Ca_Desig_SNP3142	scaffold09553	106287	[T/G]		INTERGENIC	
*Ca_Desig_SNP3143	scaffold02788	148327	[G/A]		INTERGENIC	
*Ca_Desig_SNP3144	scaffold00884	662	[T/C]		INTERGENIC	
*Ca_Desig_SNP3145	Ca_Desig_LG08	8238171	[G/T]	Ca_08594	NON_SYNONYMOUS_CODING	Programmed cell death protein 4



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3146	scaffold01668	14893	[G/A]		INTERGENIC	
*Ca_Desig_SNP3147	scaffold01333	141847	[A/T]		INTERGENIC	
*Ca_Desig_SNP3148	scaffold02786	80074	[T/C]		INTERGENIC	
*Ca_Desig_SNP3149	scaffold04233	46241	[T/C]		INTERGENIC	
*Ca_Desig_SNP3150	scaffold00675	13845	[A/G]		INTERGENIC	
*Ca_Desig_SNP3151	scaffold02711	62353	[C/G]	Ca_10496	UPSTREAM:359bases	Probable WRKY transcription factor 19
*Ca_Desig_SNP3152	scaffold08694	100	[A/G]		INTERGENIC	
*Ca_Desig_SNP3153	scaffold02711	32937	[G/A]	Ca_10495	INTRON	Integrator complex subunit 9
*Ca_Desig_SNP3154	scaffold00538	7816	[G/A]	Ca_13084	INTRON	Uridine 5'-monophosphate synthase (Fragment)
*Ca_Desig_SNP3155	Ca_Desig_LG03	11444578	[T/C]	Ca_02940	UTR_5_PRIME:5bases	Putative mediator of RNA polymerase II transcription subunit 12
*Ca_Desig_SNP3156	scaffold01138	100070	[A/C]	Ca_09983	INTRON	DNA-directed RNA polymerase I subunit rpa1
*Ca_Desig_SNP3157	scaffold00327	33946	[T/A]		INTERGENIC	
*Ca_Desig_SNP3158	scaffold00534	193	[C/T]		INTERGENIC	
*Ca_Desig_SNP3159	scaffold00771	2540	[T/C]		INTERGENIC	
*Ca_Desig_SNP3160	scaffold00961	483	[A/G]		INTERGENIC	
*Ca_Desig_SNP3161	scaffold00876	6620	[A/G]		INTERGENIC	
*Ca_Desig_SNP3162	scaffold00937	224731	[C/T]		INTERGENIC	
*Ca_Desig_SNP3163	scaffold07155	18650	[A/T]		INTERGENIC	
*Ca_Desig_SNP3164	scaffold00880	991	[A/G]		INTERGENIC	
*Ca_Desig_SNP3165	Ca_Desig_LG03	19113403	[T/C]	Ca_03534	NON_SYNONYMOUS_CODING	armadillo repeat only 2
*Ca_Desig_SNP3166	scaffold02535	65955	[A/T]		INTERGENIC	
*Ca_Desig_SNP3167	scaffold00498	92634	[T/C]		INTERGENIC	
*Ca_Desig_SNP3168	scaffold01060	169474	[G/A]		INTERGENIC	
*Ca_Desig_SNP3169	Ca_Desig_LG01	13692610	[A/C]	Ca_00980	DOWNSTREAM:1334bases	Methyltransferase-like protein 22
*Ca_Desig_SNP3170	scaffold00890	1632	[T/G]		INTERGENIC	
*Ca_Desig_SNP3171	Ca_Desig_LG06	6118896	[C/T]	Ca_06923	SYNONYMOUS_CODING	Protein spinster

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3172	scaffold01333	141764	[T/G]		INTERGENIC	
*Ca_Desig_SNP3173	scaffold01783	3779	[A/G]		INTERGENIC	
*Ca_Desig_SNP3174	scaffold00346	9737	[C/A]		INTERGENIC	
*Ca_Desig_SNP3175	scaffold02786	62363	[C/G]		INTERGENIC	
*Ca_Desig_SNP3176	scaffold01783	3601	[A/G]		INTERGENIC	
*Ca_Desig_SNP3177	Ca_Desig_LG04	15957911	[T/A]		INTERGENIC	
*Ca_Desig_SNP3178	scaffold01783	71112	[C/T]		INTERGENIC	
*Ca_Desig_SNP3179	Ca_Desig_LG05	1440855	[T/G]		INTERGENIC	
*Ca_Desig_SNP3180	scaffold01333	171714	[C/T]		INTERGENIC	
*Ca_Desig_SNP3181	scaffold04453	148444	[G/T]		INTERGENIC	
*Ca_Desig_SNP3182	Ca_Desig_LG02	7814101	[T/G]	Ca_01624	DOWNSTREAM:1949bases	Unknown expressed protein
*Ca_Desig_SNP3183	scaffold01281	170998	[G/T]		INTERGENIC	
*Ca_Desig_SNP3184	scaffold00768	3040	[A/G]		INTERGENIC	
*Ca_Desig_SNP3185	scaffold05316	31420	[G/T]		INTERGENIC	
*Ca_Desig_SNP3186	scaffold01060	96479	[G/A]		INTERGENIC	
*Ca_Desig_SNP3187	scaffold00233	805	[C/T]	Ca_08976	INTRON	Transcription activator GLK1
*Ca_Desig_SNP3188	scaffold01365	72620	[A/C]		INTERGENIC	
*Ca_Desig_SNP3189	scaffold00804	2005	[T/G]		INTERGENIC	
*Ca_Desig_SNP3190	Ca_Desig_LG04	16318794	[C/T]		INTERGENIC	
*Ca_Desig_SNP3191	Ca_Desig_LG07	3150114	[A/T]	Ca_07606	NON_SYNONYMOUS_CODING	Citrate synthase, mitochondrial
*Ca_Desig_SNP3192	scaffold01060	74545	[G/A]		INTERGENIC	
*Ca_Desig_SNP3193	scaffold01121	50	[C/A]		INTERGENIC	
*Ca_Desig_SNP3194	scaffold01618	52978	[T/G]		INTERGENIC	
*Ca_Desig_SNP3195	scaffold00876	5322	[A/G]		INTERGENIC	
*Ca_Desig_SNP3196	Ca_Desig_LG08	8238174	[C/G]	Ca_08594	NON_SYNONYMOUS_CODING	Programmed cell death protein 4
*Ca_Desig_SNP3197	scaffold00046	234031	[G/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3198	scaffold01060	28286	[G/A]		INTERGENIC	
*Ca_Desig_SNP3199	scaffold01085	278	[C/T]		INTERGENIC	
*Ca_Desig_SNP3200	scaffold02711	64912	[C/T]		INTERGENIC	
*Ca_Desig_SNP3201	scaffold01060	28063	[C/T]		INTERGENIC	
*Ca_Desig_SNP3202	scaffold02711	64098	[C/T]		INTERGENIC	
*Ca_Desig_SNP3203	scaffold00686	1917	[A/G]		INTERGENIC	
*Ca_Desig_SNP3204	scaffold01668	100047	[G/T]		INTERGENIC	
*Ca_Desig_SNP3205	scaffold01093	488	[A/T]		INTERGENIC	
*Ca_Desig_SNP3206	scaffold01180	172587	[A/C]		INTERGENIC	
*Ca_Desig_SNP3207	scaffold00876	10353	[T/C]		INTERGENIC	
*Ca_Desig_SNP3208	scaffold01861	88941	[T/G]		INTERGENIC	
*Ca_Desig_SNP3209	scaffold00827	38181	[G/T]	Ca_09722	SYNONYMOUS_CODING	Squamosa promoter-binding-like protein 6
*Ca_Desig_SNP3210	scaffold07585	34201	[T/G]		INTERGENIC	
*Ca_Desig_SNP3211	scaffold00824	1897	[A/G]		INTERGENIC	
*Ca_Desig_SNP3212	scaffold00900	288	[T/G]		INTERGENIC	
*Ca_Desig_SNP3213	scaffold00352	34733	[G/A]	Ca_12246	SYNONYMOUS_CODING	Serine/threonine-protein kinase OX11
*Ca_Desig_SNP3214	scaffold00789	2357	[A/G]		INTERGENIC	
*Ca_Desig_SNP3215	scaffold00352	34356	[A/T]	Ca_12246	NON_SYNONYMOUS_CODING	Serine/threonine-protein kinase OX11
*Ca_Desig_SNP3216	scaffold00852	759	[T/C]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP3217	scaffold03971	2192	[C/G]	Ca_10574	INTRON	Protein KIAA0664 homolog
*Ca_Desig_SNP3218	scaffold01264	130642	[A/G]		INTERGENIC	
*Ca_Desig_SNP3219	Ca_Desig_LG07	3970206	[A/G]		INTERGENIC	
*Ca_Desig_SNP3220	scaffold00763	1595	[T/C]		INTERGENIC	
*Ca_Desig_SNP3221	scaffold00761	3544	[T/C]		INTERGENIC	
*Ca_Desig_SNP3222	scaffold01668	100049	[A/G]		INTERGENIC	
*Ca_Desig_SNP3223	scaffold02711	66131	[A/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3224	scaffold06944	66258	[T/C]		INTERGENIC	
*Ca_Desig_SNP3225	scaffold00383	26247	[C/A]		INTERGENIC	
*Ca_Desig_SNP3226	Ca_Desig_LG08	598381	[A/C]		INTERGENIC	
*Ca_Desig_SNP3227	scaffold00897	901	[T/C]		INTERGENIC	
*Ca_Desig_SNP3228	scaffold00937	284578	[C/T]		INTERGENIC	
*Ca_Desig_SNP3229	scaffold00876	852	[G/A]		INTERGENIC	
*Ca_Desig_SNP3230	scaffold00654	126201	[G/A]	Ca_09556	DOWNSTREAM:54bases	Probable WRKY transcription factor 70
*Ca_Desig_SNP3231	scaffold13621	65142	[T/C]		INTERGENIC	
*Ca_Desig_SNP3232	scaffold00876	5628	[A/G]		INTERGENIC	
*Ca_Desig_SNP3233	scaffold00346	17367	[A/G]		INTERGENIC	
*Ca_Desig_SNP3234	scaffold00646	4981	[T/C]		INTERGENIC	
*Ca_Desig_SNP3235	scaffold01040	645	[C/G]		INTERGENIC	
*Ca_Desig_SNP3236	scaffold00582	7881	[C/A]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3237	scaffold00787	113282	[T/C]		INTERGENIC	
*Ca_Desig_SNP3238	scaffold00876	5626	[T/C]		INTERGENIC	
*Ca_Desig_SNP3239	scaffold00582	6324	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3240	Ca_Desig_LG04	1400955	[C/A]	Ca_03991	NON_SYNONYMOUS_CODING	Trimethylguanosine synthase
*Ca_Desig_SNP3241	scaffold11974	30859	[A/C]		INTERGENIC	
*Ca_Desig_SNP3242	scaffold00702	6583	[A/G]		INTERGENIC	
*Ca_Desig_SNP3243	scaffold00826	66244	[G/A]		INTERGENIC	
*Ca_Desig_SNP3244	scaffold00972	185	[C/A]		INTERGENIC	
*Ca_Desig_SNP3245	scaffold01159	171	[T/C]		INTERGENIC	
*Ca_Desig_SNP3246	scaffold00587	13382	[A/G]		INTERGENIC	
*Ca_Desig_SNP3247	scaffold01858	91800	[G/A]		INTERGENIC	
*Ca_Desig_SNP3248	Ca_Desig_LG08	10126045	[A/C]	Ca_08711	NON_SYNONYMOUS_CODING	Chromatin structure-remodeling complex subunit snf21
*Ca_Desig_SNP3249	scaffold00384	5981	[A/C]		INTERGENIC	

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*Ca_Desig_SNP3250	scaffold00278	88352	[C/T]		INTERGENIC	
*Ca_Desig_SNP3251	Ca_Desig_LG05	13004532	[C/T]		INTERGENIC	
*Ca_Desig_SNP3252	scaffold00735	2818	[T/C]	Ca_13852	DOWNSTREAM:1628bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP3253	Ca_Desig_LG02	16748726	[T/A]		INTERGENIC	
*Ca_Desig_SNP3254	scaffold02139	163204	[T/G]		INTERGENIC	
*Ca_Desig_SNP3255	scaffold01130	135	[C/T]		INTERGENIC	
*Ca_Desig_SNP3256	Ca_Desig_LG02	7462063	[A/C]		INTERGENIC	
*Ca_Desig_SNP3257	scaffold00683	4667	[A/C]		INTERGENIC	
*Ca_Desig_SNP3258	scaffold01148	310	[A/T]		INTERGENIC	
*Ca_Desig_SNP3259	scaffold00880	1009	[A/G]		INTERGENIC	
*Ca_Desig_SNP3260	Ca_Desig_LG07	4940521	[T/G]		INTERGENIC	
*Ca_Desig_SNP3261	scaffold00933	826	[G/A]		INTERGENIC	
*Ca_Desig_SNP3262	Ca_Desig_LG03	12863789	[C/A]		INTERGENIC	
*Ca_Desig_SNP3263	scaffold00876	873	[A/G]		INTERGENIC	
*Ca_Desig_SNP3264	Ca_Desig_LG04	9851385	[G/T]		INTERGENIC	
*Ca_Desig_SNP3265	scaffold00417	19451	[A/C]	Ca_12539	INTRON	GDT1-like protein 3
*Ca_Desig_SNP3266	scaffold00735	3711	[A/G]	Ca_13852	DOWNSTREAM:735bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP3267	scaffold01223	38132	[A/G]	Ca_10091	INTRON	Probable replication factor C subunit 3
*Ca_Desig_SNP3268	Ca_Desig_LG01	10531007	[T/G]	Ca_00784	NON_SYNONYMOUS_CODING	OTU domain-containing protein 5
*Ca_Desig_SNP3269	Ca_Desig_LG02	13147119	[A/T]	Ca_01855	INTRON	Beta-adaptin-like protein C
*Ca_Desig_SNP3270	scaffold03605	45277	[T/G]		INTERGENIC	
*Ca_Desig_SNP3271	scaffold02308	11265	[T/G]		INTERGENIC	
*Ca_Desig_SNP3272	scaffold01170	115704	[C/T]		INTERGENIC	
*Ca_Desig_SNP3273	scaffold00216	63211	[C/A]	Ca_08907	DOWNSTREAM:1990bases	Pentatricopeptide repeat-containing protein At1g76280
*Ca_Desig_SNP3274	scaffold01566	34444	[A/C]	Ca_10316	DOWNSTREAM:1073bases	Heat shock 22 kDa protein, mitochondrial
*Ca_Desig_SNP3275	scaffold01451	46466	[T/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3276	scaffold00167	143693	[T/G]		INTERGENIC	
*Ca_Desig_SNP3277	scaffold00709	2350	[A/C]		INTERGENIC	
*Ca_Desig_SNP3278	Ca_Desig_LG03	3884585	[T/G]	Ca_02485	SYNONYMOUS_CODING	Protein downstream neighbor of Son
*Ca_Desig_SNP3279	scaffold00691	4521	[A/G]		INTERGENIC	
*Ca_Desig_SNP3280	scaffold05292	18854	[C/G]		INTERGENIC	
*Ca_Desig_SNP3281	scaffold01082	265	[T/A]		INTERGENIC	
*Ca_Desig_SNP3282	Ca_Desig_LG08	7067658	[A/C]	Ca_08515	INTRON	DNA-directed RNA polymerase III subunit RPC2
*Ca_Desig_SNP3283	scaffold00852	754	[A/G]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP3284	Ca_Desig_LG02	16741302	[C/T]	Ca_02124	DOWNSTREAM:1272bases	Chlorophyll a-b binding protein 215, chloroplastic
*Ca_Desig_SNP3285	scaffold00876	797	[A/G]		INTERGENIC	
*Ca_Desig_SNP3286	scaffold00880	1018	[A/G]		INTERGENIC	
*Ca_Desig_SNP3287	scaffold00227	47419	[A/C]		INTERGENIC	
*Ca_Desig_SNP3288	scaffold00775	2399	[A/G]	Ca_13986	DOWNSTREAM:1002bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP3289	scaffold00686	2579	[A/G]		INTERGENIC	
*Ca_Desig_SNP3290	Ca_Desig_LG01	10530998	[C/T]	Ca_00784	NON_SYNONYMOUS_CODING	OTU domain-containing protein 5
*Ca_Desig_SNP3291	Ca_Desig_LG05	15609057	[T/G]	Ca_06445	INTRON	Serine/threonine-protein phosphatase 6 regulatory subunit 3-B
*Ca_Desig_SNP3292	scaffold00686	2607	[A/G]		INTERGENIC	
*Ca_Desig_SNP3293	scaffold00876	6659	[T/C]		INTERGENIC	
*Ca_Desig_SNP3294	scaffold00771	2502	[A/G]		INTERGENIC	
*Ca_Desig_SNP3295	scaffold00557	10269	[T/C]		INTERGENIC	
*Ca_Desig_SNP3296	scaffold01047	302	[A/T]		INTERGENIC	
*Ca_Desig_SNP3297	scaffold00582	5048	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3298	scaffold00876	802	[A/G]		INTERGENIC	
*Ca_Desig_SNP3299	scaffold00735	2828	[A/G]	Ca_13852	DOWNSTREAM:1618bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP3300	Ca_Desig_LG08	10126047	[A/C]	Ca_08711	SYNONYMOUS_CODING	Chromatin structure-remodeling complex subunit snf21
*Ca_Desig_SNP3301	scaffold00924	1425	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3302	scaffold00790	1181	[A/G]	Ca_14057	INTRON	TNP1
*Ca_Desig_SNP3303	scaffold00561	2921	[A/C]		INTERGENIC	
*Ca_Desig_SNP3304	scaffold00582	6417	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3305	scaffold01123	69	[C/G]		INTERGENIC	
*Ca_Desig_SNP3306	scaffold00763	1621	[A/G]		INTERGENIC	
*Ca_Desig_SNP3307	scaffold00798	2842	[A/G]		INTERGENIC	
*Ca_Desig_SNP3308	scaffold00888	375	[A/G]		INTERGENIC	
*Ca_Desig_SNP3309	Ca_Desig_LG03	15332490	[C/G]	Ca_03190	NON_SYNONYMOUS_CODING	Probable F-box protein At4g22030
*Ca_Desig_SNP3310	scaffold03476	16242	[C/T]		INTERGENIC	
*Ca_Desig_SNP3311	scaffold00876	6614	[A/G]		INTERGENIC	
*Ca_Desig_SNP3312	scaffold00582	6332	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3313	Ca_Desig_LG02	527061	[G/A]		INTERGENIC	
*Ca_Desig_SNP3314	scaffold00686	3622	[T/C]		INTERGENIC	
*Ca_Desig_SNP3315	scaffold00233	179685	[A/C]	Ca_08992	NON_SYNONYMOUS_CODING	GTP-binding protein TypA/BipA homolog
*Ca_Desig_SNP3316	scaffold00775	2392	[T/C]	Ca_13986	DOWNSTREAM:995bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP3317	scaffold00866	1073	[T/C]	Ca_14324	DOWNSTREAM:256bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP3318	scaffold00955	1114	[A/C]		INTERGENIC	
*Ca_Desig_SNP3319	scaffold00337	3288	[G/A]	Ca_12122	INTRON	General transcription factor IIE subunit 1
*Ca_Desig_SNP3320	scaffold00646	4898	[A/G]		INTERGENIC	
*Ca_Desig_SNP3321	scaffold02139	108276	[T/G]		INTERGENIC	
*Ca_Desig_SNP3322	Ca_Desig_LG05	12396987	[G/A]		INTERGENIC	
*Ca_Desig_SNP3323	scaffold00875	447	[C/T]		INTERGENIC	
*Ca_Desig_SNP3324	scaffold00824	2555	[C/T]		INTERGENIC	
*Ca_Desig_SNP3325	scaffold00903	572	[C/A]		INTERGENIC	
*Ca_Desig_SNP3326	scaffold01050	404	[C/T]		INTERGENIC	
*Ca_Desig_SNP3327	scaffold00571	5200	[T/C]		INTERGENIC	

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*Ca_Desig_SNP3328	Ca_Desig_LG08	427208	[A/G]		INTERGENIC	
*Ca_Desig_SNP3329	scaffold00884	648	[T/A]		INTERGENIC	
*Ca_Desig_SNP3330	scaffold00876	827	[A/G]		INTERGENIC	
*Ca_Desig_SNP3331	Ca_Desig_LG01	2438719	[T/A]		INTERGENIC	
*Ca_Desig_SNP3332	scaffold00198	50657	[A/G]	Ca_11258	INTRON	DENN domain-containing protein 5B
*Ca_Desig_SNP3333	Ca_Desig_LG04	22035738	[C/G]		INTERGENIC	
*Ca_Desig_SNP3334	scaffold00706	5640	[C/T]		INTERGENIC	
*Ca_Desig_SNP3335	Ca_Desig_LG01	3545332	[T/G]		INTERGENIC	
*Ca_Desig_SNP3336	scaffold00884	656	[C/A]		INTERGENIC	
*Ca_Desig_SNP3337	Ca_Desig_LG04	15957942	[G/A]		INTERGENIC	
*Ca_Desig_SNP3338	scaffold04453	258721	[A/G]		INTERGENIC	
*Ca_Desig_SNP3339	scaffold00775	2481	[A/G]	Ca_13986	DOWNSTREAM:1084bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP3340	scaffold00745	3714	[T/C]		INTERGENIC	
*Ca_Desig_SNP3341	scaffold00745	3760	[T/C]		INTERGENIC	
*Ca_Desig_SNP3342	scaffold00539	11873	[T/G]		INTERGENIC	
*Ca_Desig_SNP3343	scaffold01015	559	[C/T]		INTERGENIC	
*Ca_Desig_SNP3344	Ca_Desig_LG07	1050537	[G/T]	Ca_07466	INTRON	Midasin
*Ca_Desig_SNP3345	Ca_Desig_LG03	644790	[C/A]	Ca_02197	INTRON	ATPase 10, plasma membrane-type
*Ca_Desig_SNP3346	scaffold00971	140	[A/G]		INTERGENIC	
*Ca_Desig_SNP3347	scaffold01428	143614	[C/A]		INTERGENIC	
*Ca_Desig_SNP3348	scaffold00771	2523	[A/G]		INTERGENIC	
*Ca_Desig_SNP3349	Ca_Desig_LG04	10297474	[A/G]	Ca_04590	NON_SYNONYMOUS_CODING	Late embryogenesis abundant protein D-34
*Ca_Desig_SNP3350	scaffold01159	179	[T/C]		INTERGENIC	
*Ca_Desig_SNP3351	scaffold00212	151844	[A/G]	Ca_08884	NON_SYNONYMOUS_CODING	zinc ion binding
*Ca_Desig_SNP3352	scaffold01086	313	[G/A]		INTERGENIC	
*Ca_Desig_SNP3353	scaffold00903	192	[T/A]		INTERGENIC	



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3354	scaffold00305	22506	[G/A]		INTERGENIC	
*Ca_Desig_SNP3355	scaffold00646	4930	[A/G]		INTERGENIC	
*Ca_Desig_SNP3356	scaffold00582	5065	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3357	scaffold00876	6609	[A/G]		INTERGENIC	
*Ca_Desig_SNP3358	scaffold00768	3096	[A/G]		INTERGENIC	
*Ca_Desig_SNP3359	scaffold00229	39791	[G/A]		INTERGENIC	
*Ca_Desig_SNP3360	scaffold01879	75574	[G/A]		INTERGENIC	
*Ca_Desig_SNP3361	scaffold01979	89274	[C/A]		INTERGENIC	
*Ca_Desig_SNP3362	Ca_Desig_LG02	5548807	[C/G]		INTERGENIC	
*Ca_Desig_SNP3363	scaffold00928	1185	[T/C]		INTERGENIC	
*Ca_Desig_SNP3364	scaffold01722	16149	[C/A]	Ca_10360	INTRON	Unconventional myosin-Va
*Ca_Desig_SNP3365	Ca_Desig_LG08	678765	[T/G]	Ca_08036	SYNONYMOUS_CODING	Microtubule-associated protein 70-5
*Ca_Desig_SNP3366	scaffold00212	151695	[A/T]	Ca_08884	INTRON	zinc ion binding
*Ca_Desig_SNP3367	Ca_Desig_LG07	3826719	[A/C]		INTERGENIC	
*Ca_Desig_SNP3368	scaffold00735	2832	[A/G]	Ca_13852	DOWNSTREAM:1614bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP3369	scaffold00775	2297	[A/G]	Ca_13986	DOWNSTREAM:900bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP3370	scaffold00731	2744	[C/T]	Ca_13836	DOWNSTREAM:1980bases	Protein KIAA0664 homolog
*Ca_Desig_SNP3371	scaffold16048	61342	[A/C]		INTERGENIC	
*Ca_Desig_SNP3372	scaffold00582	6429	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3373	scaffold03162	10676	[T/G]	Ca_09325	INTRON	Probable serine/threonine-protein kinase abkC
*Ca_Desig_SNP3374	scaffold04615	29771	[T/G]		INTERGENIC	
*Ca_Desig_SNP3375	scaffold01074	530	[G/A]		INTERGENIC	
*Ca_Desig_SNP3376	scaffold00686	3653	[T/C]		INTERGENIC	
*Ca_Desig_SNP3377	scaffold00769	205	[A/G]		INTERGENIC	
*Ca_Desig_SNP3378	scaffold00582	5042	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3379	Ca_Desig_LG08	3659459	[G/A]	Ca_08166	INTRON	Polyphosphoinositide phosphatase

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3380	Ca_Desig_LG08	6019979	[C/T]		INTERGENIC	
*Ca_Desig_SNP3381	scaffold00876	10451	[T/C]		INTERGENIC	
*Ca_Desig_SNP3382	scaffold01022	127	[T/C]	Ca_14755	DOWNSTREAM:844bases	Disease resistance response protein
*Ca_Desig_SNP3383	Ca_Desig_LG08	4722955	[T/C]		INTERGENIC	
*Ca_Desig_SNP3384	Ca_Desig_LG08	10047723	[G/C]		INTERGENIC	
*Ca_Desig_SNP3385	Ca_Desig_LG08	4461931	[C/T]	Ca_08253	SYNONYMOUS_CODING	Unknown expressed protein
*Ca_Desig_SNP3386	Ca_Desig_LG08	10168146	[A/T]	Ca_08718	DOWNSTREAM:467bases	Unknown expressed protein
*Ca_Desig_SNP3387	Ca_Desig_LG08	6017379	[T/C]		INTERGENIC	
*Ca_Desig_SNP3388	scaffold00718	2708	[T/C]		INTERGENIC	
*Ca_Desig_SNP3389	Ca_Desig_LG08	6021387	[G/C]		INTERGENIC	
*Ca_Desig_SNP3390	Ca_Desig_LG08	10010446	[G/T]		INTERGENIC	
*Ca_Desig_SNP3391	scaffold00825	2168	[C/G]		INTERGENIC	
*Ca_Desig_SNP3392	scaffold00852	983	[T/C]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP3393	Ca_Desig_LG08	10147096	[G/A]		INTERGENIC	
*Ca_Desig_SNP3394	Ca_Desig_LG03	18715729	[G/C]		INTERGENIC	
*Ca_Desig_SNP3395	Ca_Desig_LG08	10139184	[T/G]	Ca_08713	SYNONYMOUS_CODING	DNAJ heat shock N-terminal domain-containing protein
*Ca_Desig_SNP3396	Ca_Desig_LG03	20267301	[G/A]		INTERGENIC	
*Ca_Desig_SNP3397	Ca_Desig_LG08	10247925	[T/C]		INTERGENIC	
*Ca_Desig_SNP3398	Ca_Desig_LG08	4982805	[C/A]		INTERGENIC	
*Ca_Desig_SNP3399	scaffold00615	7645	[A/G]		INTERGENIC	
*Ca_Desig_SNP3400	Ca_Desig_LG03	19634546	[T/G]	Ca_03578	DOWNSTREAM:81bases	--
*Ca_Desig_SNP3401	Ca_Desig_LG08	10099055	[C/T]		INTERGENIC	
*Ca_Desig_SNP3402	Ca_Desig_LG08	6125494	[C/T]		INTERGENIC	
*Ca_Desig_SNP3403	Ca_Desig_LG08	10090996	[A/T]	Ca_08707	DOWNSTREAM:913bases	CASP-like protein 7
*Ca_Desig_SNP3404	Ca_Desig_LG08	5898197	[C/T]	Ca_08402	INTRON	Serine/threonine-protein kinase CTR1
*Ca_Desig_SNP3405	scaffold00582	6339	[T/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3406	Ca_Desig_LG08	6018400	[T/A]		INTERGENIC	
*Ca_Desig_SNP3407	scaffold00575	11081	[G/A]		INTERGENIC	
*Ca_Desig_SNP3408	Ca_Desig_LG08	10033171	[G/T]		INTERGENIC	
*Ca_Desig_SNP3409	Ca_Desig_LG08	10156188	[C/G]		INTERGENIC	
*Ca_Desig_SNP3410	Ca_Desig_LG08	10178649	[T/C]		INTERGENIC	
*Ca_Desig_SNP3411	Ca_Desig_LG08	10092448	[A/G]		INTERGENIC	
*Ca_Desig_SNP3412	Ca_Desig_LG08	10122343	[C/T]	Ca_08711	INTRON	Chromatin structure-remodeling complex subunit snf21
*Ca_Desig_SNP3413	scaffold00852	749	[A/G]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP3414	scaffold01149	63111	[A/C]		INTERGENIC	
*Ca_Desig_SNP3415	Ca_Desig_LG08	10194709	[C/T]	Ca_08722	SYNONYMOUS_CODING	Putative uncharacterized protein
*Ca_Desig_SNP3416	Ca_Desig_LG08	5898863	[G/A]	Ca_08402	INTRON	Serine/threonine-protein kinase CTR1
*Ca_Desig_SNP3417	scaffold00941	615	[A/C]		INTERGENIC	
*Ca_Desig_SNP3418	Ca_Desig_LG08	5834461	[G/A]	Ca_08394	INTRON	Large proline-rich protein BAG6
*Ca_Desig_SNP3419	scaffold00358	17526	[T/G]	Ca_12277	INTRON	Protein terminal ear1
*Ca_Desig_SNP3420	Ca_Desig_LG08	5894433	[T/A]	Ca_08402	SYNONYMOUS_CODING	Serine/threonine-protein kinase CTR1
*Ca_Desig_SNP3421	Ca_Desig_LG08	5430497	[C/T]	Ca_08350	INTRON	Telomere-associated protein RIF1
*Ca_Desig_SNP3422	Ca_Desig_LG02	5176013	[C/A]	Ca_01387	NON_SYNONYMOUS_CODING	Pyrophosphate-energized membrane proton pump 3
*Ca_Desig_SNP3423	scaffold00718	2861	[G/A]		INTERGENIC	
*Ca_Desig_SNP3424	Ca_Desig_LG08	5873045	[T/G]	Ca_08399	DOWNSTREAM:1564bases	E3 ubiquitin-protein ligase RNF13
*Ca_Desig_SNP3425	scaffold00804	756	[T/C]		INTERGENIC	
*Ca_Desig_SNP3426	Ca_Desig_LG08	10194865	[T/G]	Ca_08722	SYNONYMOUS_CODING	Putative uncharacterized protein
*Ca_Desig_SNP3427	Ca_Desig_LG08	6135840	[A/T]	Ca_08424	DOWNSTREAM:240bases	UPF0613 protein PB24D3.06c
*Ca_Desig_SNP3428	Ca_Desig_LG08	5859673	[G/A]		INTERGENIC	
*Ca_Desig_SNP3429	Ca_Desig_LG08	10010518	[A/G]		INTERGENIC	
*Ca_Desig_SNP3430	Ca_Desig_LG08	10011198	[C/G]	Ca_08695	DOWNSTREAM:1204bases	Riboflavin biosynthesis protein RibD
*Ca_Desig_SNP3431	Ca_Desig_LG08	6011053	[G/A]	Ca_08411	INTRON	Dicer-like protein 4

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3432	scaffold00735	2860	[A/G]	Ca_13852	DOWNSTREAM:1586bases	MORC family CW-type zinc finger protein 4
*Ca_Desig_SNP3433	Ca_Desig_LG08	10194656	[G/T]	Ca_08722	UTR_5_PRIME:21bases	Putative uncharacterized protein
*Ca_Desig_SNP3434	scaffold05292	18852	[T/G]		INTERGENIC	
*Ca_Desig_SNP3435	Ca_Desig_LG08	6122035	[A/G]	Ca_08422	DOWNSTREAM:1437bases	TVP38/TMEM64 family membrane protein slr0305
*Ca_Desig_SNP3436	scaffold00702	6559	[C/T]		INTERGENIC	
*Ca_Desig_SNP3437	scaffold08694	137	[G/T]		INTERGENIC	
*Ca_Desig_SNP3438	Ca_Desig_LG08	10089756	[A/G]	Ca_08708	DOWNSTREAM:1010bases	Unknown expressed protein
*Ca_Desig_SNP3439	Ca_Desig_LG08	10010422	[T/G]		INTERGENIC	
*Ca_Desig_SNP3440	Ca_Desig_LG08	6122079	[C/T]	Ca_08422	DOWNSTREAM:1393bases	TVP38/TMEM64 family membrane protein slr0305
*Ca_Desig_SNP3441	scaffold02835	157340	[C/G]		INTERGENIC	
*Ca_Desig_SNP3442	Ca_Desig_LG08	10092547	[C/G]		INTERGENIC	
*Ca_Desig_SNP3443	Ca_Desig_LG08	5861157	[A/C]		INTERGENIC	
*Ca_Desig_SNP3444	Ca_Desig_LG03	20161445	[G/A]	Ca_03656	INTRON	Putative esterase/lipase HI_0193
*Ca_Desig_SNP3445	scaffold00582	6326	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3446	scaffold00762	157099	[T/G]		INTERGENIC	
*Ca_Desig_SNP3447	Ca_Desig_LG08	355997	[A/C]	Ca_08007	SYNONYMOUS_CODING	UPF0420 protein C16orf58 homolog
*Ca_Desig_SNP3448	scaffold00860	923	[T/C]		INTERGENIC	
*Ca_Desig_SNP3449	Ca_Desig_LG08	5430519	[T/C]	Ca_08350	INTRON	Telomere-associated protein RIF1
*Ca_Desig_SNP3450	scaffold00156	5950	[A/C]		INTERGENIC	
*Ca_Desig_SNP3451	scaffold00582	6355	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3452	scaffold00911	21116	[T/A]		INTERGENIC	
*Ca_Desig_SNP3453	Ca_Desig_LG08	6249690	[A/T]	Ca_08434	SYNONYMOUS_CODING	Histone deacetylase 15
*Ca_Desig_SNP3454	scaffold00245	995	[C/G]		INTERGENIC	
*Ca_Desig_SNP3455	Ca_Desig_LG04	6145876	[A/G]		INTERGENIC	
*Ca_Desig_SNP3456	scaffold00335	19848	[T/G]		INTERGENIC	
*Ca_Desig_SNP3457	scaffold01078	49	[G/T]		INTERGENIC	

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*Ca_Desi_SNP3458	Ca_Desi_LG03	4016170	[T/C]	Ca_02499	SYNONYMOUS_CODING	Calcium homeostasis endoplasmic reticulum protein
*Ca_Desi_SNP3459	Ca_Desi_LG07	2705550	[G/A]	Ca_07558	SYNONYMOUS_CODING	L-type lectin-domain containing receptor kinase S.1
*Ca_Desi_SNP3460	Ca_Desi_LG03	11457647	[A/G]		INTERGENIC	
*Ca_Desi_SNP3461	scaffold00876	849	[A/G]		INTERGENIC	
*Ca_Desi_SNP3462	scaffold00122	36092	[T/G]		INTERGENIC	
*Ca_Desi_SNP3463	Ca_Desi_LG08	8359117	[G/A]		INTERGENIC	
*Ca_Desi_SNP3464	scaffold17167	43893	[C/T]		INTERGENIC	
*Ca_Desi_SNP3465	scaffold01197	43943	[C/T]	Ca_10074	INTRON	mRNA cap guanine-N7 methyltransferase 1
*Ca_Desi_SNP3466	Ca_Desi_LG02	437750	[A/C]		INTERGENIC	
*Ca_Desi_SNP3467	Ca_Desi_LG07	2889767	[A/G]	Ca_07580	SYNONYMOUS_CODING	Protein tipD
*Ca_Desi_SNP3468	scaffold01557	125818	[T/G]		INTERGENIC	
*Ca_Desi_SNP3469	scaffold00933	794	[A/G]		INTERGENIC	
*Ca_Desi_SNP3470	scaffold00335	19839	[T/G]		INTERGENIC	
*Ca_Desi_SNP3471	scaffold00852	969	[T/C]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desi_SNP3472	scaffold01336	153544	[C/T]		INTERGENIC	
*Ca_Desi_SNP3473	scaffold01166	222	[T/C]		INTERGENIC	
*Ca_Desi_SNP3474	scaffold00994	71859	[A/C]		INTERGENIC	
*Ca_Desi_SNP3475	Ca_Desi_LG07	1828880	[T/G]	Ca_07506	NON_SYNONYMOUS_CODING	B3 domain-containing transcription factor VRN1
*Ca_Desi_SNP3476	Ca_Desi_LG01	2021763	[A/G]	Ca_00213	INTRON	Chlorophyll a-b binding protein 13, chloroplastic
*Ca_Desi_SNP3477	Ca_Desi_LG07	2705539	[A/C]	Ca_07558	NON_SYNONYMOUS_CODING	L-type lectin-domain containing receptor kinase S.1
*Ca_Desi_SNP3478	scaffold01756	48009	[T/G]		INTERGENIC	
*Ca_Desi_SNP3479	scaffold00984	219376	[A/T]		INTERGENIC	
*Ca_Desi_SNP3480	scaffold00884	660	[A/G]		INTERGENIC	
*Ca_Desi_SNP3481	scaffold01159	153	[A/G]		INTERGENIC	
*Ca_Desi_SNP3482	scaffold07146	61755	[G/A]		INTERGENIC	
*Ca_Desi_SNP3483	scaffold13504	114744	[A/C]	Ca_09258	INTRON	Beclin-1-like protein

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*Ca_Desig_SNP3484	scaffold01353	73538	[A/C]		INTERGENIC	
*Ca_Desig_SNP3485	Ca_Desig_LG01	6859622	[A/G]	Ca_00561	SYNONYMOUS_CODING	Subtilisin-like protease
*Ca_Desig_SNP3486	scaffold01004	34534	[A/G]		INTERGENIC	
*Ca_Desig_SNP3487	scaffold07146	61775	[T/G]		INTERGENIC	
*Ca_Desig_SNP3488	scaffold00775	2401	[T/C]	Ca_13986	DOWNSTREAM:1004bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP3489	Ca_Desig_LG02	15937229	[A/C]	Ca_02077	DOWNSTREAM:1243bases	Putative uncharacterized protein
*Ca_Desig_SNP3490	scaffold02645	73148	[C/T]		INTERGENIC	
*Ca_Desig_SNP3491	scaffold01227	37631	[T/G]		INTERGENIC	
*Ca_Desig_SNP3492	scaffold00810	1399	[A/T]		INTERGENIC	
*Ca_Desig_SNP3493	Ca_Desig_LG08	427219	[A/G]		INTERGENIC	
*Ca_Desig_SNP3494	scaffold00846	2225	[G/A]		INTERGENIC	
*Ca_Desig_SNP3495	scaffold00271	19114	[C/G]		INTERGENIC	
*Ca_Desig_SNP3496	Ca_Desig_LG05	3219073	[T/C]	Ca_05475	INTRON	DDB1- and CUL4-associated factor homolog 1
*Ca_Desig_SNP3497	Ca_Desig_LG04	2464122	[C/A]	Ca_04048	SYNONYMOUS_CODING	Histone deacetylase 2
*Ca_Desig_SNP3498	Ca_Desig_LG05	3219074	[G/T]	Ca_05475	INTRON	DDB1- and CUL4-associated factor homolog 1
*Ca_Desig_SNP3499	scaffold01877	22617	[A/C]		INTERGENIC	
*Ca_Desig_SNP3500	Ca_Desig_LG04	2413091	[C/T]	Ca_04043	INTRON	unknown protein; Has 37 Blast hits to 37 proteins in 12 species: Archae - 0; Bacteria - 0; Metazoa - 0; Fungi - 3;
*Ca_Desig_SNP3501	scaffold03298	77445	[C/T]		INTERGENIC	
*Ca_Desig_SNP3502	scaffold00582	10795	[T/C]		INTERGENIC	
*Ca_Desig_SNP3503	scaffold01428	151242	[A/G]	Ca_09945	INTRON	Peptidyl-prolyl cis-trans isomerase CYP20-1
*Ca_Desig_SNP3504	scaffold00992	170856	[A/G]		INTERGENIC	
*Ca_Desig_SNP3505	scaffold00671	6925	[A/C]		INTERGENIC	
*Ca_Desig_SNP3506	scaffold02452	27226	[T/A]		INTERGENIC	
*Ca_Desig_SNP3507	scaffold00536	1758	[C/A]		INTERGENIC	
*Ca_Desig_SNP3508	Ca_Desig_LG05	8545962	[C/A]		INTERGENIC	
*Ca_Desig_SNP3509	scaffold00686	3616	[T/A]		INTERGENIC	

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*Ca_Desig_SNP3510	scaffold00876	871	[A/G]		INTERGENIC	
*Ca_Desig_SNP3511	Ca_Desig_LG03	18273114	[T/G]	Ca_03448	SYNONYMOUS_CODING	Zeaxanthin epoxidase, chloroplastic
*Ca_Desig_SNP3512	Ca_Desig_LG04	2412911	[T/C]	Ca_04043	SYNONYMOUS_CODING	Unknown expressed protein
*Ca_Desig_SNP3513	scaffold01979	88227	[A/G]		INTERGENIC	
*Ca_Desig_SNP3514	scaffold14259	37503	[G/C]		INTERGENIC	
*Ca_Desig_SNP3515	scaffold00761	3568	[T/C]		INTERGENIC	
*Ca_Desig_SNP3516	scaffold00768	3122	[T/C]		INTERGENIC	
*Ca_Desig_SNP3517	scaffold00333	98693	[T/C]	Ca_09084	DOWNSTREAM:1309bases	DNA repair protein XRCC2 homolog
*Ca_Desig_SNP3518	scaffold00761	3564	[T/C]		INTERGENIC	
*Ca_Desig_SNP3519	scaffold01353	71827	[A/C]		INTERGENIC	
*Ca_Desig_SNP3520	Ca_Desig_LG03	839877	[T/G]		INTERGENIC	
*Ca_Desig_SNP3521	scaffold00301	26945	[A/C]		INTERGENIC	
*Ca_Desig_SNP3522	Ca_Desig_LG04	2490877	[A/T]	Ca_04052	UPSTREAM:909bases	Uncharacterized protein ycf36
*Ca_Desig_SNP3523	Ca_Desig_LG08	201411	[C/A]	Ca_07988	DOWNSTREAM:1426bases	Histone H2B.4
*Ca_Desig_SNP3524	Ca_Desig_LG04	3055868	[T/C]	Ca_04094	INTRON	Ubiquitin carboxyl-terminal hydrolase 19
*Ca_Desig_SNP3525	Ca_Desig_LG06	8079590	[G/T]	Ca_07092	DOWNSTREAM:638bases	Sodium/hydrogen exchanger 7
*Ca_Desig_SNP3526	scaffold00606	2413	[G/T]		INTERGENIC	
*Ca_Desig_SNP3527	Ca_Desig_LG04	2479967	[A/G]		INTERGENIC	
*Ca_Desig_SNP3528	Ca_Desig_LG04	2410917	[G/C]		INTERGENIC	
*Ca_Desig_SNP3529	scaffold02564	20356	[A/C]		INTERGENIC	
*Ca_Desig_SNP3530	Ca_Desig_LG04	2397043	[C/A]	Ca_04041	SYNONYMOUS_CODING	Far upstream element-binding protein 1
*Ca_Desig_SNP3531	Ca_Desig_LG07	7234448	[C/G]	Ca_07872	NON_SYNONYMOUS_CODING	Unknown expressed protein
*Ca_Desig_SNP3532	Ca_Desig_LG04	2481151	[A/T]		INTERGENIC	
*Ca_Desig_SNP3533	scaffold00173	37276	[A/C]	Ca_11169	DOWNSTREAM:922bases	Cellulose synthase-like protein D3
*Ca_Desig_SNP3534	Ca_Desig_LG03	15332493	[C/A]	Ca_03190	SYNONYMOUS_CODING	Probable F-box protein At4g22030
*Ca_Desig_SNP3535	Ca_Desig_LG08	8432968	[T/G]	Ca_08610	SPLICE_SITE_REGION	Protein MSP1

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*Ca_Desig_SNP3536	Ca_Desig_LG03	11209929	[T/G]		INTERGENIC	
*Ca_Desig_SNP3537	scaffold00876	6642	[T/C]		INTERGENIC	
*Ca_Desig_SNP3538	scaffold00854	365	[A/G]		INTERGENIC	
*Ca_Desig_SNP3539	scaffold00446	248255	[A/G]		INTERGENIC	
*Ca_Desig_SNP3540	Ca_Desig_LG03	23325891	[C/A]		INTERGENIC	
*Ca_Desig_SNP3541	scaffold00536	15170	[C/G]		INTERGENIC	
*Ca_Desig_SNP3542	scaffold00264	20687	[A/T]	Ca_11677	UPSTREAM:1226bases	Domain of unknown function (DUF3598)
*Ca_Desig_SNP3543	scaffold01119	396	[T/C]		INTERGENIC	
*Ca_Desig_SNP3544	scaffold00968	175	[A/G]		INTERGENIC	
*Ca_Desig_SNP3545	Ca_Desig_LG04	2511853	[C/T]		INTERGENIC	
*Ca_Desig_SNP3546	Ca_Desig_LG04	2456945	[C/T]		INTERGENIC	
*Ca_Desig_SNP3547	scaffold07417	44806	[A/C]		INTERGENIC	
*Ca_Desig_SNP3548	scaffold00876	5407	[A/G]		INTERGENIC	
*Ca_Desig_SNP3549	scaffold00333	138674	[C/G]		INTERGENIC	
*Ca_Desig_SNP3550	scaffold00592	11158	[G/A]		INTERGENIC	
*Ca_Desig_SNP3551	scaffold00536	4463	[A/G]		INTERGENIC	
*Ca_Desig_SNP3552	scaffold00536	17937	[G/C]		INTERGENIC	
*Ca_Desig_SNP3553	scaffold02000	59504	[A/C]	Ca_10427	INTRON	Dihydroflavonol-4-reductase (Fragment)
*Ca_Desig_SNP3554	Ca_Desig_LG01	8232998	[T/G]		INTERGENIC	
*Ca_Desig_SNP3555	scaffold01557	125813	[T/G]		INTERGENIC	
*Ca_Desig_SNP3556	Ca_Desig_LG04	2396211	[A/G]	Ca_04041	NON_SYNONYMOUS_CODING	Far upstream element-binding protein 1
*Ca_Desig_SNP3557	scaffold00208	49139	[T/C]		INTERGENIC	
*Ca_Desig_SNP3558	Ca_Desig_LG02	6107483	[T/G]		INTERGENIC	
*Ca_Desig_SNP3559	scaffold00645	4370	[T/G]	Ca_13564	DOWNSTREAM:1015bases	Threonine--tRNA ligase
*Ca_Desig_SNP3560	scaffold00876	5644	[A/G]		INTERGENIC	
*Ca_Desig_SNP3561	scaffold01107	97	[T/A]		INTERGENIC	



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*Ca_Desig_SNP3562	scaffold15127	6722	[T/G]		INTERGENIC	
*Ca_Desig_SNP3563	Ca_Desig_LG04	2620933	[T/A]	Ca_04062	NON_SYNONYMOUS_CODING	Protein of unknown function (DUF1350)
*Ca_Desig_SNP3564	Ca_Desig_LG04	9222551	[T/A]		INTERGENIC	
*Ca_Desig_SNP3565	Ca_Desig_LG02	16706522	[T/C]	Ca_02121	INTRON	Nucleoporin, Nup133/Nup155-like
*Ca_Desig_SNP3566	Ca_Desig_LG04	2450642	[G/A]	Ca_04047	DOWNSTREAM:1692bases	K(+) efflux antiporter 6
*Ca_Desig_SNP3567	scaffold00485	98179	[A/G]		INTERGENIC	
*Ca_Desig_SNP3568	scaffold00396	31778	[A/G]	Ca_12443	INTRON	Lamin-like protein
*Ca_Desig_SNP3569	scaffold00775	2303	[A/G]	Ca_13986	DOWNSTREAM:906bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP3570	Ca_Desig_LG02	16748554	[G/T]		INTERGENIC	
*Ca_Desig_SNP3571	scaffold01180	167100	[T/C]		INTERGENIC	
*Ca_Desig_SNP3572	Ca_Desig_LG04	2391280	[C/T]		INTERGENIC	
*Ca_Desig_SNP3573	Ca_Desig_LG02	16748679	[A/T]		INTERGENIC	
*Ca_Desig_SNP3574	scaffold00110	38145	[C/T]	Ca_10864	INTRON	DNA-directed RNA polymerase III subunit RPC3
*Ca_Desig_SNP3575	scaffold00446	107814	[A/G]	Ca_09244	DOWNSTREAM:1945bases	Methionine aminopeptidase 1B, chloroplastic
*Ca_Desig_SNP3576	Ca_Desig_LG03	22737981	[A/G]	Ca_03824	SYNONYMOUS_CODING	Sugar transport protein 14
*Ca_Desig_SNP3577	Ca_Desig_LG02	12797598	[G/A]	Ca_01833	SYNONYMOUS_CODING	Lignin-forming anionic peroxidase
*Ca_Desig_SNP3578	Ca_Desig_LG04	2750844	[G/A]	Ca_04069	INTRON	Serine/threonine-protein kinase At5g01020
*Ca_Desig_SNP3579	scaffold01094	233	[G/A]		INTERGENIC	
*Ca_Desig_SNP3580	Ca_Desig_LG05	16081057	[A/C]	Ca_06461	NON_SYNONYMOUS_CODING	ABC transporter A family member 2
*Ca_Desig_SNP3581	scaffold07841	1615	[T/C]		INTERGENIC	
*Ca_Desig_SNP3582	scaffold00804	777	[A/G]		INTERGENIC	
*Ca_Desig_SNP3583	scaffold00582	5189	[T/C]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3584	Ca_Desig_LG08	1388732	[C/T]	Ca_08096	SYNONYMOUS_CODING	Pyrophosphate-fructose 6-phosphate 1-phosphotransferase subunit beta
*Ca_Desig_SNP3585	scaffold01958	109687	[A/G]		INTERGENIC	
*Ca_Desig_SNP3586	scaffold00333	156236	[T/C]		INTERGENIC	
*Ca_Desig_SNP3587	scaffold00888	348	[A/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
*Ca_Desig_SNP3588	scaffold01109	255	[T/C]		INTERGENIC	
*Ca_Desig_SNP3589	scaffold00876	10352	[A/G]		INTERGENIC	
*Ca_Desig_SNP3590	scaffold00928	1189	[A/G]		INTERGENIC	
*Ca_Desig_SNP3591	Ca_Desig_LG02	7980007	[T/G]		INTERGENIC	
*Ca_Desig_SNP3592	scaffold00342	26626	[T/G]		INTERGENIC	
*Ca_Desig_SNP3593	scaffold00646	4875	[A/G]		INTERGENIC	
*Ca_Desig_SNP3594	Ca_Desig_LG08	3960569	[G/T]	Ca_08202	DOWNSTREAM:674bases	ABC transporter B family member 21
*Ca_Desig_SNP3595	scaffold00852	1106	[A/G]	Ca_14286	NON_SYNONYMOUS_CODING	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
*Ca_Desig_SNP3596	Ca_Desig_LG02	10864698	[A/G]		INTERGENIC	
*Ca_Desig_SNP3597	scaffold00815	1518	[G/A]		INTERGENIC	
*Ca_Desig_SNP3598	Ca_Desig_LG04	4771545	[C/A]		INTERGENIC	
*Ca_Desig_SNP3599	scaffold00884	696	[A/T]		INTERGENIC	
*Ca_Desig_SNP3600	scaffold00252	6804	[T/G]		INTERGENIC	
*Ca_Desig_SNP3601	Ca_Desig_LG05	12467283	[A/G]		INTERGENIC	
*Ca_Desig_SNP3602	scaffold13621	103006	[A/G]		INTERGENIC	
*Ca_Desig_SNP3603	scaffold01162	112094	[T/A]		INTERGENIC	
*Ca_Desig_SNP3604	Ca_Desig_LG06	837890	[A/G]		INTERGENIC	
*Ca_Desig_SNP3605	Ca_Desig_LG05	11604585	[G/T]	Ca_06203	INTRON	Serine/threonine-protein kinase ATM
*Ca_Desig_SNP3606	scaffold00866	1059	[T/C]	Ca_14324	DOWNSTREAM:270bases	NADP-specific glutamate dehydrogenase
*Ca_Desig_SNP3607	scaffold00888	330	[A/G]		INTERGENIC	
*Ca_Desig_SNP3608	Ca_Desig_LG05	15284605	[A/G]		INTERGENIC	
*Ca_Desig_SNP3609	scaffold00876	5293	[A/G]		INTERGENIC	
*Ca_Desig_SNP3610	Ca_Desig_LG08	10458811	[T/G]	Ca_08739	NON_SYNONYMOUS_CODING	Cell division cycle-associated 7-like protein
*Ca_Desig_SNP3611	Ca_Desig_LG03	11432250	[C/A]		INTERGENIC	
*Ca_Desig_SNP3612	scaffold00582	4792	[A/G]	Ca_13279	NON_SYNONYMOUS_CODING	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3613	scaffold00804	1921	[T/C]		INTERGENIC	

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*Ca_Desig_SNP3614	scaffold02376	8022	[T/G]		INTERGENIC	
*Ca_Desig_SNP3615	scaffold00763	406	[T/C]		INTERGENIC	
*Ca_Desig_SNP3616	scaffold01137	130	[C/T]		INTERGENIC	
*Ca_Desig_SNP3617	scaffold00582	6258	[A/C]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
*Ca_Desig_SNP3618	scaffold01353	73960	[A/C]		INTERGENIC	
*Ca_Desig_SNP3619	Ca_Desig_LG04	367816	[T/G]		INTERGENIC	
*Ca_Desig_SNP3620	scaffold01979	89286	[A/G]		INTERGENIC	
*Ca_Desig_SNP3621	scaffold00716	4275	[G/A]		INTERGENIC	
*Ca_Desig_SNP3622	scaffold00775	2387	[T/C]	Ca_13986	DOWNSTREAM:990bases	Protein of unknown function (DUF3755)
*Ca_Desig_SNP3623	scaffold01080	188	[A/T]		INTERGENIC	
*Ca_Desig_SNP3624	Ca_Desig_LG04	4771546	[A/C]		INTERGENIC	
*Ca_Desig_SNP3625	scaffold00735	2856	[T/C]	Ca_13852	DOWNSTREAM:1590bases	MORC family CW-type zinc finger protein 4
Ca_Desig_SNP3626	Ca_Desig_LG01	10441719	[G/A]	Ca_00776	SYNONYMOUS_CODING	unknown protein
Ca_Desig_SNP3627	Ca_Desig_LG01	10441837	[A/G]	Ca_00776	SYNONYMOUS_CODING	unknown protein
Ca_Desig_SNP3628	Ca_Desig_LG01	1486057	[A/C]		INTERGENIC	
Ca_Desig_SNP3629	Ca_Desig_LG01	2281498	[T/G]	Ca_00235	UTR_5_PRIME:242bases	3-ketoacyl-CoA synthase 10
Ca_Desig_SNP3630	Ca_Desig_LG01	2281499	[G/T]	Ca_00235	UTR_5_PRIME:243bases	3-ketoacyl-CoA synthase 10
Ca_Desig_SNP3631	Ca_Desig_LG01	2281552	[T/C]	Ca_00235	UTR_5_PRIME:296bases	3-ketoacyl-CoA synthase 10
Ca_Desig_SNP3632	Ca_Desig_LG01	2281554	[C/T]	Ca_00235	UTR_5_PRIME:298bases	3-ketoacyl-CoA synthase 10
Ca_Desig_SNP3633	Ca_Desig_LG01	2417675	[G/A]		INTERGENIC	
Ca_Desig_SNP3634	Ca_Desig_LG01	2418782	[A/C]	Ca_00256	INTRON	Pentatricopeptide repeat-containing protein At2g32230, mitochondrial
Ca_Desig_SNP3635	Ca_Desig_LG01	2491481	[A/C]	Ca_00264	INTRON	Probable allantoinase 1
Ca_Desig_SNP3636	Ca_Desig_LG01	2491483	[T/A]	Ca_00264	INTRON	Probable allantoinase 1
Ca_Desig_SNP3637	Ca_Desig_LG01	2491484	[T/A]	Ca_00264	INTRON	Probable allantoinase 1
Ca_Desig_SNP3638	Ca_Desig_LG01	2637890	[G/C]	Ca_00275	INTRON	Protein of unknown function (DUF707)
Ca_Desig_SNP3639	Ca_Desig_LG01	3372365	[G/C]		INTERGENIC	

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Ca_Desig_SNP3640	Ca_Desig_LG01	3372366	[G/T]		INTERGENIC	
Ca_Desig_SNP3641	Ca_Desig_LG01	5004857	[C/G]	Ca_00414	INTRON	Transcriptional adapter ADA2b
Ca_Desig_SNP3642	Ca_Desig_LG01	5050028	[T/G]		INTERGENIC	
Ca_Desig_SNP3643	Ca_Desig_LG01	5094757	[C/G]		INTERGENIC	
Ca_Desig_SNP3644	Ca_Desig_LG01	548203	[C/T]		INTERGENIC	
Ca_Desig_SNP3645	Ca_Desig_LG01	6859628	[G/A]	Ca_00561	SYNONYMOUS_CODING	Subtilisin-like protease
Ca_Desig_SNP3646	Ca_Desig_LG01	6859634	[T/C]	Ca_00561	SYNONYMOUS_CODING	Subtilisin-like protease
Ca_Desig_SNP3647	Ca_Desig_LG01	6859661	[C/A]	Ca_00561	SYNONYMOUS_CODING	Subtilisin-like protease
Ca_Desig_SNP3648	Ca_Desig_LG01	6918782	[G/T]		INTERGENIC	
Ca_Desig_SNP3649	Ca_Desig_LG01	6918819	[T/A]		INTERGENIC	
Ca_Desig_SNP3650	Ca_Desig_LG01	7489492	[T/A]	Ca_00593	SYNONYMOUS_CODING	Eukaryotic initiation factor 4A-15
Ca_Desig_SNP3651	Ca_Desig_LG01	7489519	[T/A]	Ca_00593	SYNONYMOUS_CODING	Eukaryotic initiation factor 4A-15
Ca_Desig_SNP3652	Ca_Desig_LG01	7632275	[T/A]	Ca_00599	INTRON	Myb family transcription factor APL
Ca_Desig_SNP3653	Ca_Desig_LG01	7632307	[A/G]	Ca_00599	INTRON	Myb family transcription factor APL
Ca_Desig_SNP3654	Ca_Desig_LG01	836859	[G/A]		INTERGENIC	
Ca_Desig_SNP3655	Ca_Desig_LG01	872280	[C/T]	Ca_00076	INTRON	Protein FAM135A
Ca_Desig_SNP3656	scaffold00055	318204	[A/C]	Ca_08802	DOWNSTREAM:1832bases	Protein ABIL1
Ca_Desig_SNP3657	scaffold00934	225580	[G/A]		INTERGENIC	
Ca_Desig_SNP3658	scaffold00934	225581	[A/C]		INTERGENIC	
Ca_Desig_SNP3659	scaffold00934	225593	[T/C]		INTERGENIC	
Ca_Desig_SNP3660	scaffold03476	16248	[G/T]		INTERGENIC	
Ca_Desig_SNP3661	scaffold03476	16259	[C/G]		INTERGENIC	
Ca_Desig_SNP3662	scaffold03476	16268	[T/G]		INTERGENIC	
Ca_Desig_SNP3663	scaffold03476	16272	[T/A]		INTERGENIC	
Ca_Desig_SNP3664	scaffold03476	16274	[G/C]		INTERGENIC	
Ca_Desig_SNP3665	scaffold03476	16275	[T/G]		INTERGENIC	

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Ca_Desi_SNP3666	scaffold03643	1500	[C/G]		INTERGENIC	
Ca_Desi_SNP3667	scaffold03643	1520	[A/G]		INTERGENIC	
Ca_Desi_SNP3668	scaffold00773	3368	[C/T]		INTERGENIC	
Ca_Desi_SNP3669	scaffold00774	3557	[A/G]	Ca_13983	UTR_5_PRIME:530bases	Squamosa promoter-binding-like protein 6
Ca_Desi_SNP3670	scaffold00774	3570	[A/G]	Ca_13983	START_GAINED	Squamosa promoter-binding-like protein 6
Ca_Desi_SNP3671	scaffold03971	47470	[G/C]		INTERGENIC	
Ca_Desi_SNP3672	scaffold03971	48139	[C/T]		INTERGENIC	
Ca_Desi_SNP3673	scaffold03653	84655	[A/C]	Ca_09426	DOWNSTREAM:831bases	Metacaspase-1
Ca_Desi_SNP3674	scaffold03653	84656	[G/T]	Ca_09426	DOWNSTREAM:832bases	Metacaspase-1
Ca_Desi_SNP3675	scaffold00778	1630	[A/C]		INTERGENIC	
Ca_Desi_SNP3676	scaffold00778	1653	[G/T]		INTERGENIC	
Ca_Desi_SNP3677	scaffold00778	1672	[A/G]		INTERGENIC	
Ca_Desi_SNP3678	scaffold00778	732	[G/C]		INTERGENIC	
Ca_Desi_SNP3679	scaffold00779	2344	[A/G]		INTERGENIC	
Ca_Desi_SNP3680	scaffold05945	10077	[G/T]	Ca_09428	INTRON	Unknown expressed protein
Ca_Desi_SNP3681	scaffold05945	10080	[T/G]	Ca_09428	INTRON	Unknown expressed protein
Ca_Desi_SNP3682	scaffold00789	2479	[T/C]		INTERGENIC	
Ca_Desi_SNP3683	scaffold01145	37	[C/T]	Ca_15073	DOWNSTREAM:1795bases	Vacuolar protein sorting-associated protein 24 homolog 1
Ca_Desi_SNP3684	scaffold04411	47454	[C/G]		INTERGENIC	
Ca_Desi_SNP3685	scaffold00791	119	[A/G]		INTERGENIC	
Ca_Desi_SNP3686	scaffold00794	1852	[C/T]		INTERGENIC	
Ca_Desi_SNP3687	scaffold00798	2848	[T/A]		INTERGENIC	
Ca_Desi_SNP3688	scaffold00798	3238	[A/C]		INTERGENIC	
Ca_Desi_SNP3689	scaffold00801	3050	[C/T]		INTERGENIC	
Ca_Desi_SNP3690	scaffold04482	21629	[A/C]		INTERGENIC	
Ca_Desi_SNP3691	scaffold04482	21630	[G/C]		INTERGENIC	

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Ca_Desi_SNP3692	scaffold04482	21631	[A/T]		INTERGENIC	
Ca_Desi_SNP3693	scaffold04482	21632	[T/G]		INTERGENIC	
Ca_Desi_SNP3694	scaffold04721	48206	[A/G]		INTERGENIC	
Ca_Desi_SNP3695	scaffold04721	48230	[G/A]		INTERGENIC	
Ca_Desi_SNP3696	scaffold04764	57802	[C/T]		INTERGENIC	
Ca_Desi_SNP3697	scaffold04764	57826	[T/A]		INTERGENIC	
Ca_Desi_SNP3698	scaffold04764	57835	[T/A]		INTERGENIC	
Ca_Desi_SNP3699	scaffold07585	34202	[C/A]		INTERGENIC	
Ca_Desi_SNP3700	scaffold07585	34203	[T/G]		INTERGENIC	
Ca_Desi_SNP3701	scaffold06646	55321	[C/G]		INTERGENIC	
Ca_Desi_SNP3702	scaffold06649	37081	[C/G]		INTERGENIC	
Ca_Desi_SNP3703	scaffold00822	1576	[A/C]	Ca_14178	INTRON	Photosystem II 10 kDa polypeptide, chloroplastic
Ca_Desi_SNP3704	scaffold00823	374	[T/C]		INTERGENIC	
Ca_Desi_SNP3705	scaffold06937	32412	[T/C]		INTERGENIC	
Ca_Desi_SNP3706	scaffold07271	10002	[T/A]		INTERGENIC	
Ca_Desi_SNP3707	scaffold07271	46136	[C/A]		INTERGENIC	
Ca_Desi_SNP3708	scaffold07271	46138	[A/G]		INTERGENIC	
Ca_Desi_SNP3709	scaffold00824	1798	[T/C]		INTERGENIC	
Ca_Desi_SNP3710	scaffold00612	55002	[C/T]		INTERGENIC	
Ca_Desi_SNP3711	scaffold00825	2202	[G/T]		INTERGENIC	
Ca_Desi_SNP3712	scaffold00617	50053	[G/T]		INTERGENIC	
Ca_Desi_SNP3713	scaffold10660	10244	[G/C]		INTERGENIC	
Ca_Desi_SNP3714	scaffold14259	37431	[A/G]		INTERGENIC	
Ca_Desi_SNP3715	scaffold14259	37526	[T/G]		INTERGENIC	
Ca_Desi_SNP3716	scaffold00840	2354	[G/A]	Ca_14241	INTRON	ABC transporter B family member 9
Ca_Desi_SNP3717	scaffold00842	2176	[A/C]	Ca_14247	DOWNSTREAM:1550bases	Putative uncharacterized protein

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Ca_Desi_SNP3718	scaffold00631	93641	[A/T]		INTERGENIC	
Ca_Desi_SNP3719	scaffold00631	93653	[C/A]		INTERGENIC	
Ca_Desi_SNP3720	scaffold00631	93666	[G/A]		INTERGENIC	
Ca_Desi_SNP3721	scaffold00634	48267	[C/G]		INTERGENIC	
Ca_Desi_SNP3722	scaffold00634	48288	[G/A]		INTERGENIC	
Ca_Desi_SNP3723	scaffold00845	1701	[C/A]		INTERGENIC	
Ca_Desi_SNP3724	scaffold00078	7235	[A/C]		INTERGENIC	
Ca_Desi_SNP3725	scaffold00078	7968	[A/G]		INTERGENIC	
Ca_Desi_SNP3726	scaffold00078	7971	[G/A]		INTERGENIC	
Ca_Desi_SNP3727	scaffold00643	8223	[A/G]		INTERGENIC	
Ca_Desi_SNP3728	scaffold00643	8224	[G/A]		INTERGENIC	
Ca_Desi_SNP3729	scaffold00089	50966	[C/T]		INTERGENIC	
Ca_Desi_SNP3730	scaffold00089	50983	[C/T]		INTERGENIC	
Ca_Desi_SNP3731	scaffold00089	50984	[A/G]		INTERGENIC	
Ca_Desi_SNP3732	scaffold00093	35307	[G/T]	Ca_10801	DOWNSTREAM:1026bases	E3 ubiquitin-protein ligase MARCH1
Ca_Desi_SNP3733	scaffold00113	8686	[G/C]	Ca_10890	DOWNSTREAM:1045bases	Ethylene-responsive transcription factor ERF012
Ca_Desi_SNP3734	scaffold00113	8691	[A/C]	Ca_10890	DOWNSTREAM:1040bases	Ethylene-responsive transcription factor ERF012
Ca_Desi_SNP3735	scaffold00113	8708	[C/T]	Ca_10890	DOWNSTREAM:1023bases	Ethylene-responsive transcription factor ERF012
Ca_Desi_SNP3736	scaffold00113	8725	[C/T]	Ca_10890	DOWNSTREAM:1006bases	Ethylene-responsive transcription factor ERF012
Ca_Desi_SNP3737	scaffold00113	9419	[G/A]	Ca_10890	DOWNSTREAM:312bases	Ethylene-responsive transcription factor ERF012
Ca_Desi_SNP3738	scaffold00113	9705	[G/A]	Ca_10890	DOWNSTREAM:26bases	Ethylene-responsive transcription factor ERF012
Ca_Desi_SNP3739	scaffold15702	53715	[A/T]		INTERGENIC	
Ca_Desi_SNP3740	scaffold00852	989	[A/G]	Ca_14286	INTRON	Type I inositol-1,4,5-trisphosphate 5-phosphatase 11
Ca_Desi_SNP3741	scaffold00158	15560	[G/T]		INTERGENIC	
Ca_Desi_SNP3742	scaffold00859	191	[A/T]		INTERGENIC	
Ca_Desi_SNP3743	scaffold00198	50658	[T/G]	Ca_11258	INTRON	DENN domain-containing protein 5B

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP3744	scaffold00198	50659	[C/A]	Ca_11258	INTRON	DENN domain-containing protein 5B
Ca_Desi_SNP3745	scaffold00198	50660	[T/G]	Ca_11258	INTRON	DENN domain-containing protein 5B
Ca_Desi_SNP3746	scaffold00870	599	[A/G]		INTERGENIC	
Ca_Desi_SNP3747	scaffold00870	620	[C/T]		INTERGENIC	
Ca_Desi_SNP3748	scaffold00870	629	[C/T]		INTERGENIC	
Ca_Desi_SNP3749	scaffold00870	644	[A/C]		INTERGENIC	
Ca_Desi_SNP3750	scaffold00201	15914	[G/T]		INTERGENIC	
Ca_Desi_SNP3751	scaffold00206	47609	[T/G]	Ca_11345	INTRON	Secologanin synthase
Ca_Desi_SNP3752	scaffold00206	47620	[T/G]	Ca_11345	INTRON	Secologanin synthase
Ca_Desi_SNP3753	scaffold00206	47637	[T/A]	Ca_11345	INTRON	Secologanin synthase
Ca_Desi_SNP3754	scaffold00206	47685	[A/G]	Ca_11345	INTRON	Secologanin synthase
Ca_Desi_SNP3755	scaffold00207	19131	[A/T]	Ca_11357	INTRON	Chloroplastic group IIA intron splicing facilitator CRS1, chloroplastic
Ca_Desi_SNP3756	scaffold00207	19132	[G/C]	Ca_11357	INTRON	Chloroplastic group IIA intron splicing facilitator CRS1, chloroplastic
Ca_Desi_SNP3757	scaffold00207	19133	[G/T]	Ca_11357	INTRON	Chloroplastic group IIA intron splicing facilitator CRS1, chloroplastic
Ca_Desi_SNP3758	scaffold00208	49144	[A/T]		INTERGENIC	
Ca_Desi_SNP3759	scaffold00236	3958	[A/G]		INTERGENIC	
Ca_Desi_SNP3760	scaffold00236	3986	[C/T]		INTERGENIC	
Ca_Desi_SNP3761	scaffold00236	4027	[T/C]		INTERGENIC	
Ca_Desi_SNP3762	scaffold00881	1210	[G/C]		INTERGENIC	
Ca_Desi_SNP3763	scaffold00881	1236	[T/C]		INTERGENIC	
Ca_Desi_SNP3764	scaffold00249	31159	[C/T]		INTERGENIC	
Ca_Desi_SNP3765	scaffold00249	31161	[A/T]		INTERGENIC	
Ca_Desi_SNP3766	scaffold00249	31163	[C/T]		INTERGENIC	
Ca_Desi_SNP3767	scaffold00249	31172	[A/G]		INTERGENIC	
Ca_Desi_SNP3768	scaffold00254	21031	[A/G]		INTERGENIC	
Ca_Desi_SNP3769	scaffold00259	28552	[C/T]		INTERGENIC	



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Ca_Desi_SNP3770	scaffold03730	41519	[A/G]	Ca_09570	INTRON	Formin-like protein 20
Ca_Desi_SNP3771	scaffold03730	41530	[C/T]	Ca_09570	INTRON	Formin-like protein 20
Ca_Desi_SNP3772	scaffold03730	41553	[A/G]	Ca_09570	INTRON	Formin-like protein 20
Ca_Desi_SNP3773	scaffold00893	1584	[A/G]	Ca_14399	INTRON	Tripeptidyl-peptidase 2
Ca_Desi_SNP3774	scaffold00262	40694	[T/C]	Ca_11638	INTRON	Something about silencing protein 10
Ca_Desi_SNP3775	scaffold00262	40709	[C/T]	Ca_11638	INTRON	Something about silencing protein 10
Ca_Desi_SNP3776	scaffold00263	37854	[A/T]	Ca_11660	DOWNSTREAM:1355bases	22.7 kDa class IV heat shock protein
Ca_Desi_SNP3777	scaffold00263	37873	[T/A]	Ca_11660	DOWNSTREAM:1336bases	22.7 kDa class IV heat shock protein
Ca_Desi_SNP3778	scaffold00263	37877	[C/A]	Ca_11660	DOWNSTREAM:1332bases	22.7 kDa class IV heat shock protein
Ca_Desi_SNP3779	scaffold00263	37879	[A/C]	Ca_11660	DOWNSTREAM:1330bases	22.7 kDa class IV heat shock protein
Ca_Desi_SNP3780	scaffold00270	13566	[T/G]		INTERGENIC	
Ca_Desi_SNP3781	scaffold00270	13578	[C/A]		INTERGENIC	
Ca_Desi_SNP3782	scaffold00270	13603	[T/C]		INTERGENIC	
Ca_Desi_SNP3783	scaffold00274	17555	[T/A]		INTERGENIC	
Ca_Desi_SNP3784	scaffold00274	17560	[A/G]		INTERGENIC	
Ca_Desi_SNP3785	scaffold00274	17566	[A/G]		INTERGENIC	
Ca_Desi_SNP3786	scaffold00899	519	[T/C]		INTERGENIC	
Ca_Desi_SNP3787	scaffold00899	539	[A/G]		INTERGENIC	
Ca_Desi_SNP3788	scaffold00899	541	[C/A]		INTERGENIC	
Ca_Desi_SNP3789	scaffold00290	41539	[A/C]		INTERGENIC	
Ca_Desi_SNP3790	scaffold00290	41540	[G/T]		INTERGENIC	
Ca_Desi_SNP3791	scaffold00292	4518	[C/T]		INTERGENIC	
Ca_Desi_SNP3792	scaffold00296	4436	[C/T]		INTERGENIC	
Ca_Desi_SNP3793	scaffold00903	1540	[A/G]		INTERGENIC	
Ca_Desi_SNP3794	scaffold00304	30275	[G/C]		INTERGENIC	
Ca_Desi_SNP3795	scaffold10990	58421	[A/G]	Ca_09604	NON_SYNONYMOUS_CODING	Haloacid dehalogenase-like hydrolase (HAD) superfamily protein

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP3796	scaffold10990	58422	[T/A]	Ca_09604	NON_SYNONYMOUS_CODING	Haloacid dehalogenase-like hydrolase (HAD) superfamily protein
Ca_Desi_SNP3797	scaffold00917	1497	[A/C]		INTERGENIC	
Ca_Desi_SNP3798	scaffold00305	35029	[A/G]		INTERGENIC	
Ca_Desi_SNP3799	scaffold00307	37036	[G/A]		INTERGENIC	
Ca_Desi_SNP3800	scaffold00307	37185	[A/G]		INTERGENIC	
Ca_Desi_SNP3801	scaffold00307	37259	[A/G]		INTERGENIC	
Ca_Desi_SNP3802	scaffold00307	37275	[A/G]		INTERGENIC	
Ca_Desi_SNP3803	scaffold00307	37295	[A/C]		INTERGENIC	
Ca_Desi_SNP3804	scaffold00308	1026	[G/T]		INTERGENIC	
Ca_Desi_SNP3805	scaffold00308	6420	[A/T]		INTERGENIC	
Ca_Desi_SNP3806	scaffold00167	12141	[A/G]		INTERGENIC	
Ca_Desi_SNP3807	scaffold00167	12151	[T/C]		INTERGENIC	
Ca_Desi_SNP3808	scaffold00310	16673	[A/T]		INTERGENIC	
Ca_Desi_SNP3809	scaffold00316	35987	[T/C]		INTERGENIC	
Ca_Desi_SNP3810	scaffold00924	1426	[G/A]		INTERGENIC	
Ca_Desi_SNP3811	scaffold00711	10104	[T/C]		INTERGENIC	
Ca_Desi_SNP3812	scaffold00711	72465	[A/T]		INTERGENIC	
Ca_Desi_SNP3813	Ca_Desi_LG02	10864699	[G/A]		INTERGENIC	
Ca_Desi_SNP3814	Ca_Desi_LG02	10864722	[T/C]		INTERGENIC	
Ca_Desi_SNP3815	Ca_Desi_LG02	10864728	[C/A]		INTERGENIC	
Ca_Desi_SNP3816	Ca_Desi_LG02	11394075	[G/A]	Ca_01765	INTRON	Uncharacterized lipoprotein syc1174_c
Ca_Desi_SNP3817	Ca_Desi_LG02	11403678	[C/T]	Ca_01766	INTRON	T-complex protein 1 subunit theta
Ca_Desi_SNP3818	Ca_Desi_LG02	11403828	[C/T]	Ca_01766	SPLICE_SITE_REGION	T-complex protein 1 subunit theta
Ca_Desi_SNP3819	Ca_Desi_LG02	11422759	[T/A]		INTERGENIC	
Ca_Desi_SNP3820	Ca_Desi_LG02	11423022	[C/T]		INTERGENIC	
Ca_Desi_SNP3821	Ca_Desi_LG02	11423165	[T/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP3822	Ca_Desi_LG02	11979952	[G/T]	Ca_01786	INTRON	ABC transporter G family member 38
Ca_Desi_SNP3823	Ca_Desi_LG02	11979953	[A/T]	Ca_01786	INTRON	ABC transporter G family member 38
Ca_Desi_SNP3824	Ca_Desi_LG02	1245365	[G/A]	Ca_01108	UTR_5_PRIME:232bases	Unknown expressed protein
Ca_Desi_SNP3825	Ca_Desi_LG02	1245366	[C/T]	Ca_01108	UTR_5_PRIME:233bases	Unknown expressed protein
Ca_Desi_SNP3826	Ca_Desi_LG02	1245367	[T/C]	Ca_01108	UTR_5_PRIME:234bases	Unknown expressed protein
Ca_Desi_SNP3827	Ca_Desi_LG02	12729870	[T/A]		INTERGENIC	
Ca_Desi_SNP3828	Ca_Desi_LG02	12729884	[G/A]		INTERGENIC	
Ca_Desi_SNP3829	Ca_Desi_LG02	12729885	[T/A]		INTERGENIC	
Ca_Desi_SNP3830	Ca_Desi_LG02	12796811	[A/T]	Ca_01833	SYNONYMOUS_CODING	Lignin-forming anionic peroxidase
Ca_Desi_SNP3831	Ca_Desi_LG02	12797640	[A/G]	Ca_01833	SYNONYMOUS_CODING	Lignin-forming anionic peroxidase
Ca_Desi_SNP3832	Ca_Desi_LG02	12985136	[G/A]		INTERGENIC	
Ca_Desi_SNP3833	Ca_Desi_LG02	14445992	[A/G]		INTERGENIC	
Ca_Desi_SNP3834	Ca_Desi_LG02	14445993	[T/A]		INTERGENIC	
Ca_Desi_SNP3835	Ca_Desi_LG02	14445995	[A/C]		INTERGENIC	
Ca_Desi_SNP3836	Ca_Desi_LG02	14445996	[T/G]		INTERGENIC	
Ca_Desi_SNP3837	Ca_Desi_LG02	16748556	[T/G]		INTERGENIC	
Ca_Desi_SNP3838	Ca_Desi_LG02	16748700	[A/G]		INTERGENIC	
Ca_Desi_SNP3839	Ca_Desi_LG02	16748779	[T/A]		INTERGENIC	
Ca_Desi_SNP3840	Ca_Desi_LG02	327712	[T/C]	Ca_01051	INTRON	Polypyrimidine tract-binding protein homolog 2
Ca_Desi_SNP3841	Ca_Desi_LG02	4058389	[G/A]	Ca_01329	INTRON	Cytosolic purine 5'-nucleotidase
Ca_Desi_SNP3842	Ca_Desi_LG02	437438	[T/C]		INTERGENIC	
Ca_Desi_SNP3843	Ca_Desi_LG02	437445	[T/C]		INTERGENIC	
Ca_Desi_SNP3844	Ca_Desi_LG02	440754	[A/T]		INTERGENIC	
Ca_Desi_SNP3845	Ca_Desi_LG02	5176014	[T/G]	Ca_01387	SYNONYMOUS_CODING	Pyrophosphate-energized membrane proton pump 3
Ca_Desi_SNP3846	Ca_Desi_LG02	5176015	[G/A]	Ca_01387	NON_SYNONYMOUS_CODING	Pyrophosphate-energized membrane proton pump 3
Ca_Desi_SNP3847	Ca_Desi_LG02	5176016	[G/T]	Ca_01387	NON_SYNONYMOUS_CODING	Pyrophosphate-energized membrane proton pump 3

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desig_SNP3848	Ca_Desig_LG02	527083	[C/T]		INTERGENIC	
Ca_Desig_SNP3849	Ca_Desig_LG02	527635	[A/C]		INTERGENIC	
Ca_Desig_SNP3850	Ca_Desig_LG02	5503406	[G/T]	Ca_01413	DOWNSTREAM:120bases	Plastid division protein PDV2
Ca_Desig_SNP3851	Ca_Desig_LG02	5503509	[A/G]	Ca_01413	DOWNSTREAM:17bases	Plastid division protein PDV2
Ca_Desig_SNP3852	Ca_Desig_LG02	5503732	[G/C]		INTERGENIC	
Ca_Desig_SNP3853	Ca_Desig_LG02	5548819	[G/A]		INTERGENIC	
Ca_Desig_SNP3854	Ca_Desig_LG02	5698197	[G/A]	Ca_01432	DOWNSTREAM:1646bases	cold-regulated 413-plasma membrane 2
Ca_Desig_SNP3855	Ca_Desig_LG02	574864	[T/G]	Ca_01064	NON_SYNONYMOUS_CODING	CCR4-NOT transcription complex subunit 4
Ca_Desig_SNP3856	Ca_Desig_LG02	574865	[T/A]	Ca_01064	NON_SYNONYMOUS_CODING	CCR4-NOT transcription complex subunit 4
Ca_Desig_SNP3857	Ca_Desig_LG02	574867	[A/C]	Ca_01064	NON_SYNONYMOUS_CODING	CCR4-NOT transcription complex subunit 4
Ca_Desig_SNP3858	Ca_Desig_LG02	6025741	[A/G]		INTERGENIC	
Ca_Desig_SNP3859	Ca_Desig_LG02	6025764	[A/C]		INTERGENIC	
Ca_Desig_SNP3860	Ca_Desig_LG02	6089359	[A/G]		INTERGENIC	
Ca_Desig_SNP3861	Ca_Desig_LG02	6091970	[A/C]	Ca_01467	DOWNSTREAM:1758bases	unknown protein
Ca_Desig_SNP3862	Ca_Desig_LG02	6091973	[T/G]	Ca_01467	DOWNSTREAM:1755bases	unknown protein
Ca_Desig_SNP3863	Ca_Desig_LG02	6091980	[T/C]	Ca_01467	DOWNSTREAM:1748bases	unknown protein
Ca_Desig_SNP3864	Ca_Desig_LG02	6091983	[C/T]	Ca_01467	DOWNSTREAM:1745bases	unknown protein
Ca_Desig_SNP3865	Ca_Desig_LG02	6092094	[A/G]	Ca_01467	DOWNSTREAM:1634bases	unknown protein
Ca_Desig_SNP3866	Ca_Desig_LG02	6092376	[T/C]	Ca_01467	DOWNSTREAM:1352bases	unknown protein
Ca_Desig_SNP3867	Ca_Desig_LG02	6711737	[C/A]	Ca_01516	NON_SYNONYMOUS_CODING	BTB/POZ and MATH domain-containing protein 4
Ca_Desig_SNP3868	Ca_Desig_LG02	6711738	[T/G]	Ca_01516	SYNONYMOUS_CODING	BTB/POZ and MATH domain-containing protein 4
Ca_Desig_SNP3869	Ca_Desig_LG02	8436240	[A/G]	Ca_01669	INTRON	Probable NOT transcription complex subunit VIP2 (Fragment)
Ca_Desig_SNP3870	Ca_Desig_LG02	8436241	[G/A]	Ca_01669	INTRON	Probable NOT transcription complex subunit VIP2 (Fragment)
Ca_Desig_SNP3871	scaffold00343	35897	[G/T]		INTERGENIC	
Ca_Desig_SNP3872	scaffold00346	17368	[G/A]		INTERGENIC	
Ca_Desig_SNP3873	scaffold00346	17389	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP3874	scaffold00346	17390	[G/T]		INTERGENIC	
Ca_Desi_SNP3875	scaffold00346	28664	[C/A]		INTERGENIC	
Ca_Desi_SNP3876	scaffold00348	28435	[C/T]		INTERGENIC	
Ca_Desi_SNP3877	scaffold00352	34366	[C/T]	Ca_12246	SYNONYMOUS_CODING	Serine/threonine-protein kinase OX11
Ca_Desi_SNP3878	scaffold00352	34406	[A/T]	Ca_12246	SYNONYMOUS_CODING	Serine/threonine-protein kinase OX11
Ca_Desi_SNP3879	scaffold00925	518	[A/G]		INTERGENIC	
Ca_Desi_SNP3880	scaffold00736	37235	[G/A]		INTERGENIC	
Ca_Desi_SNP3881	scaffold00736	39769	[C/T]		INTERGENIC	
Ca_Desi_SNP3882	scaffold00736	39770	[G/A]		INTERGENIC	
Ca_Desi_SNP3883	scaffold02301	65891	[T/G]		INTERGENIC	
Ca_Desi_SNP3884	scaffold00754	147727	[A/T]		INTERGENIC	
Ca_Desi_SNP3885	scaffold00754	147734	[T/C]		INTERGENIC	
Ca_Desi_SNP3886	scaffold00368	28971	[A/G]		INTERGENIC	
Ca_Desi_SNP3887	scaffold00370	3410	[C/T]		INTERGENIC	
Ca_Desi_SNP3888	scaffold00928	1201	[A/G]		INTERGENIC	
Ca_Desi_SNP3889	scaffold00381	5661	[A/G]		INTERGENIC	
Ca_Desi_SNP3890	scaffold00382	35703	[G/A]	Ca_12380	SYNONYMOUS_CODING	Probable leucine-rich repeat receptor-like serine/threonine-protein kinase At3g14842
Ca_Desi_SNP3891	scaffold00382	35707	[C/T]	Ca_12380	SYNONYMOUS_CODING	Probable leucine-rich repeat receptor-like serine/threonine-protein kinase At3g14843
Ca_Desi_SNP3892	scaffold00933	961	[T/G]		INTERGENIC	
Ca_Desi_SNP3893	scaffold00933	963	[A/T]		INTERGENIC	
Ca_Desi_SNP3894	scaffold00383	24479	[T/A]		INTERGENIC	
Ca_Desi_SNP3895	scaffold00383	26248	[A/C]		INTERGENIC	
Ca_Desi_SNP3896	scaffold00383	26252	[G/A]		INTERGENIC	
Ca_Desi_SNP3897	scaffold00383	26333	[A/C]		INTERGENIC	
Ca_Desi_SNP3898	scaffold00383	26337	[A/G]		INTERGENIC	
Ca_Desi_SNP3899	scaffold00383	26362	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desig_SNP3900	scaffold00383	26366	[A/G]		INTERGENIC	
Ca_Desig_SNP3901	scaffold00383	26408	[G/A]		INTERGENIC	
Ca_Desig_SNP3902	scaffold00383	26411	[T/G]		INTERGENIC	
Ca_Desig_SNP3903	scaffold00383	26437	[C/G]		INTERGENIC	
Ca_Desig_SNP3904	scaffold00385	24634	[T/C]		INTERGENIC	
Ca_Desig_SNP3905	scaffold00385	24636	[C/A]		INTERGENIC	
Ca_Desig_SNP3906	scaffold00396	31705	[C/G]	Ca_12443	INTRON	Lamin-like protein
Ca_Desig_SNP3907	scaffold00396	31721	[C/T]	Ca_12443	INTRON	Lamin-like protein
Ca_Desig_SNP3908	scaffold00396	31734	[G/A]	Ca_12443	INTRON	Lamin-like protein
Ca_Desig_SNP3909	scaffold00408	2258	[C/A]		INTERGENIC	
Ca_Desig_SNP3910	scaffold00408	2259	[T/G]		INTERGENIC	
Ca_Desig_SNP3911	scaffold00951	391	[C/G]		INTERGENIC	
Ca_Desig_SNP3912	scaffold00952	558	[A/T]		INTERGENIC	
Ca_Desig_SNP3913	scaffold00952	565	[A/C]		INTERGENIC	
Ca_Desig_SNP3914	scaffold02472	38048	[A/G]		INTERGENIC	
Ca_Desig_SNP3915	scaffold00435	21896	[T/A]		INTERGENIC	
Ca_Desig_SNP3916	scaffold00435	21897	[C/A]		INTERGENIC	
Ca_Desig_SNP3917	scaffold00435	21898	[T/G]		INTERGENIC	
Ca_Desig_SNP3918	scaffold00781	14347	[T/C]		INTERGENIC	
Ca_Desig_SNP3919	scaffold00781	14388	[T/G]		INTERGENIC	
Ca_Desig_SNP3920	scaffold00211	121122	[C/G]		INTERGENIC	
Ca_Desig_SNP3921	scaffold00964	551	[G/T]		INTERGENIC	
Ca_Desig_SNP3922	scaffold00964	589	[A/G]		INTERGENIC	
Ca_Desig_SNP3923	scaffold00463	1613	[T/G]	Ca_12714	SYNONYMOUS_CODING	unknown protein
Ca_Desig_SNP3924	scaffold00463	26273	[T/A]		INTERGENIC	
Ca_Desig_SNP3925	scaffold00463	26274	[C/G]		INTERGENIC	

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Ca_Desi_SNP3926	scaffold00463	26275	[T/G]		INTERGENIC	
Ca_Desi_SNP3927	scaffold00212	151839	[C/T]	Ca_08884	SYNONYMOUS_CODING	zinc ion binding
Ca_Desi_SNP3928	scaffold00212	151873	[C/T]	Ca_08884	STOP_GAINED	zinc ion binding
Ca_Desi_SNP3929	scaffold16831	69622	[A/T]	Ca_09735	DOWNSTREAM:676bases	Dihydrolipoyl dehydrogenase
Ca_Desi_SNP3930	scaffold00972	186	[G/C]		INTERGENIC	
Ca_Desi_SNP3931	Ca_Desi_LG03	11051028	[A/T]	Ca_02902	NON_SYNONYMOUS_CODING	LETM1 and EF-hand domain-containing protein 1, mitochondrial
Ca_Desi_SNP3932	Ca_Desi_LG03	11051029	[G/C]	Ca_02902	NON_SYNONYMOUS_CODING	LETM1 and EF-hand domain-containing protein 1, mitochondrial
Ca_Desi_SNP3933	Ca_Desi_LG03	11051030	[G/T]	Ca_02902	NON_SYNONYMOUS_CODING	LETM1 and EF-hand domain-containing protein 1, mitochondrial
Ca_Desi_SNP3934	Ca_Desi_LG03	12863764	[C/T]		INTERGENIC	
Ca_Desi_SNP3935	Ca_Desi_LG03	12863810	[C/T]		INTERGENIC	
Ca_Desi_SNP3936	Ca_Desi_LG03	1298524	[G/A]	Ca_02274	SYNONYMOUS_CODING	ADP-ribosylation factor 2
Ca_Desi_SNP3937	Ca_Desi_LG03	1351569	[C/G]		INTERGENIC	
Ca_Desi_SNP3938	Ca_Desi_LG03	1351570	[T/A]		INTERGENIC	
Ca_Desi_SNP3939	Ca_Desi_LG03	1351571	[A/T]		INTERGENIC	
Ca_Desi_SNP3940	Ca_Desi_LG03	13535548	[T/G]		INTERGENIC	
Ca_Desi_SNP3941	Ca_Desi_LG03	13535549	[C/T]		INTERGENIC	
Ca_Desi_SNP3942	Ca_Desi_LG03	13535550	[T/G]		INTERGENIC	
Ca_Desi_SNP3943	Ca_Desi_LG03	13829505	[G/T]		INTERGENIC	
Ca_Desi_SNP3944	Ca_Desi_LG03	1416895	[A/T]	Ca_02288	SYNONYMOUS_CODING	Receptor-like serine/threonine-protein kinase ALE2
Ca_Desi_SNP3945	Ca_Desi_LG03	1416904	[A/T]	Ca_02288	SYNONYMOUS_CODING	Receptor-like serine/threonine-protein kinase ALE2
Ca_Desi_SNP3946	Ca_Desi_LG03	1416925	[C/T]	Ca_02288	SYNONYMOUS_CODING	Receptor-like serine/threonine-protein kinase ALE2
Ca_Desi_SNP3947	Ca_Desi_LG03	15332497	[C/T]	Ca_03190	SYNONYMOUS_CODING	Probable F-box protein At4g22030
Ca_Desi_SNP3948	Ca_Desi_LG03	16209416	[A/G]	Ca_03249	INTRON	rRNA biogenesis protein RRP36
Ca_Desi_SNP3949	Ca_Desi_LG03	17138110	[T/G]		INTERGENIC	
Ca_Desi_SNP3950	Ca_Desi_LG03	17138111	[T/A]		INTERGENIC	
Ca_Desi_SNP3951	Ca_Desi_LG03	17138112	[G/T]		INTERGENIC	

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Ca_Desi_SNP3952	Ca_Desi_LG03	18171146	[A/C]	Ca_03436	SYNONYMOUS_CODING	E3 ubiquitin ligase BIG BROTHER
Ca_Desi_SNP3953	Ca_Desi_LG03	18543500	[G/T]		INTERGENIC	
Ca_Desi_SNP3954	Ca_Desi_LG03	18823827	[T/G]		INTERGENIC	
Ca_Desi_SNP3955	Ca_Desi_LG03	20240166	[A/C]	Ca_03666	NON_SYNONYMOUS_CODING	Protein SPA1-RELATED 2
Ca_Desi_SNP3956	Ca_Desi_LG03	20240167	[G/T]	Ca_03666	NON_SYNONYMOUS_CODING	Protein SPA1-RELATED 2
Ca_Desi_SNP3957	Ca_Desi_LG03	22980534	[C/G]	Ca_03844	SYNONYMOUS_CODING	Protein SGT1 homolog At5g65490
Ca_Desi_SNP3958	Ca_Desi_LG03	23024242	[G/T]	Ca_03848	INTRON	Mechanosensitive ion channel protein 2, chloroplastic
Ca_Desi_SNP3959	Ca_Desi_LG03	23164549	[C/A]	Ca_03866	INTRON	Glycogen synthase
Ca_Desi_SNP3960	Ca_Desi_LG03	234219	[T/A]	Ca_02182	NON_SYNONYMOUS_CODING	unknown protein
Ca_Desi_SNP3961	Ca_Desi_LG03	2952484	[G/A]	Ca_02387	SYNONYMOUS_CODING	Proteasome subunit beta type-4
Ca_Desi_SNP3962	Ca_Desi_LG03	2952498	[A/T]	Ca_02387	NON_SYNONYMOUS_CODING	Proteasome subunit beta type-4
Ca_Desi_SNP3963	Ca_Desi_LG03	3567289	[T/G]	Ca_02451	INTRON	Putative protease Do-like 14
Ca_Desi_SNP3964	Ca_Desi_LG03	3567295	[T/C]	Ca_02451	INTRON	Putative protease Do-like 14
Ca_Desi_SNP3965	Ca_Desi_LG03	3576517	[T/C]		INTERGENIC	
Ca_Desi_SNP3966	Ca_Desi_LG03	3581299	[A/C]	Ca_02453	INTRON	Acyl-CoA-binding domain-containing protein 4
Ca_Desi_SNP3967	Ca_Desi_LG03	3633583	[T/G]	Ca_02457	INTRON	DNA polymerase zeta catalytic subunit
Ca_Desi_SNP3968	Ca_Desi_LG03	3635965	[T/C]		INTERGENIC	
Ca_Desi_SNP3969	Ca_Desi_LG03	3635966	[A/C]		INTERGENIC	
Ca_Desi_SNP3970	Ca_Desi_LG03	3635967	[G/A]		INTERGENIC	
Ca_Desi_SNP3971	Ca_Desi_LG03	4004974	[T/A]	Ca_02498	INTRON	Uncharacterized protein At3g58460
Ca_Desi_SNP3972	Ca_Desi_LG03	4004986	[G/A]	Ca_02498	INTRON	Uncharacterized protein At3g58460
Ca_Desi_SNP3973	Ca_Desi_LG03	4016176	[A/C]	Ca_02499	SYNONYMOUS_CODING	Calcium homeostasis endoplasmic reticulum protein
Ca_Desi_SNP3974	Ca_Desi_LG03	4053086	[G/T]		INTERGENIC	
Ca_Desi_SNP3975	Ca_Desi_LG03	4086479	[T/C]	Ca_02506	INTRON	Cohesin subunit SA-1
Ca_Desi_SNP3976	Ca_Desi_LG03	4100757	[G/T]		INTERGENIC	
Ca_Desi_SNP3977	Ca_Desi_LG03	4174837	[A/G]	Ca_02518	UTR_3_PRIME:318bases	Unknown expressed protein



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP3978	Ca_Desi_LG03	4174863	[A/G]	Ca_02518	UTR_3_PRIME:292bases	Unknown expressed protein
Ca_Desi_SNP3979	Ca_Desi_LG03	6436108	[C/A]		INTERGENIC	
Ca_Desi_SNP3980	Ca_Desi_LG03	6543102	[G/A]	Ca_02681	DOWNSTREAM:1837bases	Peptide transporter PTR3-A
Ca_Desi_SNP3981	Ca_Desi_LG03	6544048	[T/C]		INTERGENIC	
Ca_Desi_SNP3982	Ca_Desi_LG03	6723839	[G/A]		INTERGENIC	
Ca_Desi_SNP3983	Ca_Desi_LG03	6723852	[C/G]		INTERGENIC	
Ca_Desi_SNP3984	Ca_Desi_LG03	6758362	[T/C]	Ca_02701	SYNONYMOUS_CODING	Vacuolar protein sorting-associated protein 27
Ca_Desi_SNP3985	Ca_Desi_LG03	6758514	[C/T]	Ca_02701	NON_SYNONYMOUS_CODING	Vacuolar protein sorting-associated protein 27
Ca_Desi_SNP3986	Ca_Desi_LG03	6799102	[T/C]	Ca_02707	INTRON	UPF0420 protein C16orf58 homolog
Ca_Desi_SNP3987	Ca_Desi_LG03	6799103	[T/C]	Ca_02707	INTRON	UPF0420 protein C16orf58 homolog
Ca_Desi_SNP3988	Ca_Desi_LG03	6812183	[G/C]	Ca_02708	DOWNSTREAM:1985bases	Actin-depolymerizing factor
Ca_Desi_SNP3989	Ca_Desi_LG03	6812195	[C/T]	Ca_02708	DOWNSTREAM:1997bases	Actin-depolymerizing factor
Ca_Desi_SNP3990	Ca_Desi_LG03	6963252	[A/G]		INTERGENIC	
Ca_Desi_SNP3991	Ca_Desi_LG03	841818	[A/G]		INTERGENIC	
Ca_Desi_SNP3992	Ca_Desi_LG03	841819	[T/A]		INTERGENIC	
Ca_Desi_SNP3993	scaffold00978	410	[C/T]		INTERGENIC	
Ca_Desi_SNP3994	scaffold00978	428	[A/T]		INTERGENIC	
Ca_Desi_SNP3995	scaffold00491	624	[A/G]	Ca_12862	INTRON	MLP-like protein 43
Ca_Desi_SNP3996	scaffold01704	19941	[C/T]		INTERGENIC	
Ca_Desi_SNP3997	scaffold01704	19942	[A/C]		INTERGENIC	
Ca_Desi_SNP3998	scaffold01704	19943	[G/T]		INTERGENIC	
Ca_Desi_SNP3999	scaffold07146	61769	[G/A]		INTERGENIC	
Ca_Desi_SNP4000	scaffold07146	61785	[T/C]		INTERGENIC	
Ca_Desi_SNP4001	scaffold07146	62017	[C/T]		INTERGENIC	
Ca_Desi_SNP4002	scaffold07146	62037	[T/C]		INTERGENIC	
Ca_Desi_SNP4003	scaffold07146	77428	[A/G]		INTERGENIC	

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Ca_Desi_SNP4004	scaffold00989	415	[A/G]		INTERGENIC	
Ca_Desi_SNP4005	scaffold00495	1688	[A/G]		INTERGENIC	
Ca_Desi_SNP4006	scaffold00505	7264	[T/C]		INTERGENIC	
Ca_Desi_SNP4007	scaffold00505	7340	[A/T]		INTERGENIC	
Ca_Desi_SNP4008	scaffold00216	46686	[A/G]		INTERGENIC	
Ca_Desi_SNP4009	scaffold00216	63212	[T/G]	Ca_08907	DOWNSTREAM:1989bases	Pentatricopeptide repeat-containing protein At1g76280
Ca_Desi_SNP4010	scaffold00216	63213	[G/A]	Ca_08907	DOWNSTREAM:1988bases	Pentatricopeptide repeat-containing protein At1g76280
Ca_Desi_SNP4011	scaffold00216	63215	[T/C]	Ca_08907	DOWNSTREAM:1986bases	Pentatricopeptide repeat-containing protein At1g76280
Ca_Desi_SNP4012	scaffold02501	13571	[C/A]	Ca_09757	DOWNSTREAM:66bases	--
Ca_Desi_SNP4013	scaffold00519	758	[G/A]		INTERGENIC	
Ca_Desi_SNP4014	scaffold00519	763	[T/C]		INTERGENIC	
Ca_Desi_SNP4015	scaffold00521	11655	[G/T]		INTERGENIC	
Ca_Desi_SNP4016	scaffold00522	917	[C/G]		INTERGENIC	
Ca_Desi_SNP4017	scaffold00522	918	[A/G]		INTERGENIC	
Ca_Desi_SNP4018	scaffold01015	334	[C/G]		INTERGENIC	
Ca_Desi_SNP4019	scaffold00549	15304	[C/G]	Ca_13129	UTR_3_PRIME:65bases	Probable LRR receptor-like serine/threonine-protein kinase At1g06840
Ca_Desi_SNP4020	scaffold00224	156478	[G/A]		INTERGENIC	
Ca_Desi_SNP4021	scaffold01019	176	[A/T]		INTERGENIC	
Ca_Desi_SNP4022	scaffold00557	10270	[G/T]		INTERGENIC	
Ca_Desi_SNP4023	scaffold00557	10597	[C/A]		INTERGENIC	
Ca_Desi_SNP4024	scaffold00557	10601	[C/T]		INTERGENIC	
Ca_Desi_SNP4025	scaffold00571	5155	[G/T]		INTERGENIC	
Ca_Desi_SNP4026	scaffold00571	5163	[G/T]		INTERGENIC	
Ca_Desi_SNP4027	scaffold00571	5170	[T/G]		INTERGENIC	
Ca_Desi_SNP4028	scaffold00571	5201	[G/T]		INTERGENIC	
Ca_Desi_SNP4029	scaffold00571	5244	[G/T]		INTERGENIC	

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Ca_Desig_SNP4030	Ca_Desig_LG04	11570362	[T/C]	Ca_04696	INTRON	Uncharacterized mitochondrial carrier C12B10.09
Ca_Desig_SNP4031	Ca_Desig_LG04	11572654	[A/G]	Ca_04696	INTRON	Uncharacterized mitochondrial carrier C12B10.09
Ca_Desig_SNP4032	Ca_Desig_LG04	11585310	[C/T]	Ca_04698	DOWNSTREAM:678bases	Choline/ethanolamine kinase
Ca_Desig_SNP4033	Ca_Desig_LG04	11585312	[A/G]	Ca_04698	DOWNSTREAM:680bases	Choline/ethanolamine kinase
Ca_Desig_SNP4034	Ca_Desig_LG04	12119513	[T/A]		INTERGENIC	
Ca_Desig_SNP4035	Ca_Desig_LG04	1228423	[T/G]	Ca_03974	NON_SYNONYMOUS_CODING	Protein SERAC1
Ca_Desig_SNP4036	Ca_Desig_LG04	1228424	[T/A]	Ca_03974	NON_SYNONYMOUS_CODING	Protein SERAC1
Ca_Desig_SNP4037	Ca_Desig_LG04	130850	[G/A]	Ca_03889	DOWNSTREAM:1877bases	Abhydrolase domain-containing protein 4
Ca_Desig_SNP4038	Ca_Desig_LG04	130883	[T/G]	Ca_03889	DOWNSTREAM:1844bases	Abhydrolase domain-containing protein 4
Ca_Desig_SNP4039	Ca_Desig_LG04	1400956	[A/G]	Ca_03991	NON_SYNONYMOUS_CODING	Trimethylguanosine synthase
Ca_Desig_SNP4040	Ca_Desig_LG04	16318820	[G/A]		INTERGENIC	
Ca_Desig_SNP4041	Ca_Desig_LG04	21144274	[T/C]		INTERGENIC	
Ca_Desig_SNP4042	Ca_Desig_LG04	21144278	[T/C]		INTERGENIC	
Ca_Desig_SNP4043	Ca_Desig_LG04	2181568	[G/A]		INTERGENIC	
Ca_Desig_SNP4044	Ca_Desig_LG04	2181583	[T/C]		INTERGENIC	
Ca_Desig_SNP4045	Ca_Desig_LG04	2181587	[G/A]		INTERGENIC	
Ca_Desig_SNP4046	Ca_Desig_LG04	21928536	[C/T]		INTERGENIC	
Ca_Desig_SNP4047	Ca_Desig_LG04	223012	[T/G]	Ca_03898	INTRON	Small RNA degrading nuclease 3
Ca_Desig_SNP4048	Ca_Desig_LG04	2481165	[T/A]		INTERGENIC	
Ca_Desig_SNP4049	Ca_Desig_LG04	2750863	[A/C]	Ca_04069	INTRON	Serine/threonine-protein kinase At5g01020
Ca_Desig_SNP4050	Ca_Desig_LG04	2978459	[A/T]		INTERGENIC	
Ca_Desig_SNP4051	Ca_Desig_LG04	2997017	[C/T]		INTERGENIC	
Ca_Desig_SNP4052	Ca_Desig_LG04	2997039	[G/C]		INTERGENIC	
Ca_Desig_SNP4053	Ca_Desig_LG04	3009471	[C/T]	Ca_04090	INTRON	Probable protein phosphatase 2C 59
Ca_Desig_SNP4054	Ca_Desig_LG04	3379084	[T/C]	Ca_04119	INTRON	embryo defective 2410
Ca_Desig_SNP4055	Ca_Desig_LG04	367835	[A/C]		INTERGENIC	

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Ca_Desig_SNP4056	Ca_Desig_LG04	368285	[C/G]	Ca_03909	DOWNSTREAM:1589bases	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit trm6
Ca_Desig_SNP4057	Ca_Desig_LG04	368472	[T/C]	Ca_03909	DOWNSTREAM:1402bases	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit trm6
Ca_Desig_SNP4058	Ca_Desig_LG04	4087191	[A/G]	Ca_04169	NON_SYNONYMOUS_CODING	Probable galactinol--sucrose galactosyltransferase 1
Ca_Desig_SNP4059	Ca_Desig_LG04	4087209	[C/T]	Ca_04169	NON_SYNONYMOUS_CODING	Probable galactinol--sucrose galactosyltransferase 1
Ca_Desig_SNP4060	Ca_Desig_LG04	4087269	[C/T]	Ca_04169	NON_SYNONYMOUS_CODING	Probable galactinol--sucrose galactosyltransferase 1
Ca_Desig_SNP4061	Ca_Desig_LG04	4087272	[C/T]	Ca_04169	NON_SYNONYMOUS_CODING	Probable galactinol--sucrose galactosyltransferase 1
Ca_Desig_SNP4062	Ca_Desig_LG04	4653036	[A/C]	Ca_04204	INTRON	Probable glucuronosyltransferase GUT1
Ca_Desig_SNP4063	Ca_Desig_LG04	4687388	[C/G]	Ca_04205	SYNONYMOUS_CODING	Probable auxin efflux carrier component 6
Ca_Desig_SNP4064	Ca_Desig_LG04	4769567	[G/A]		INTERGENIC	
Ca_Desig_SNP4065	Ca_Desig_LG04	4771473	[T/A]		INTERGENIC	
Ca_Desig_SNP4066	Ca_Desig_LG04	4771549	[T/A]		INTERGENIC	
Ca_Desig_SNP4067	Ca_Desig_LG04	4817433	[C/G]	Ca_04213	INTRON	Probable inactive receptor kinase At4g23740
Ca_Desig_SNP4068	Ca_Desig_LG04	4837616	[A/G]	Ca_04215	SYNONYMOUS_CODING	Filament-like plant protein (Fragment)
Ca_Desig_SNP4069	Ca_Desig_LG04	4848762	[G/A]	Ca_04217	INTRON	Chlorophyllide a oxygenase, chloroplastic
Ca_Desig_SNP4070	Ca_Desig_LG04	5610468	[G/T]	Ca_04253	SYNONYMOUS_CODING	Cell division cycle protein 48 homolog
Ca_Desig_SNP4071	Ca_Desig_LG04	5610487	[C/T]	Ca_04253	SYNONYMOUS_CODING	Cell division cycle protein 48 homolog
Ca_Desig_SNP4072	Ca_Desig_LG04	5610496	[A/G]	Ca_04253	SYNONYMOUS_CODING	Cell division cycle protein 48 homolog
Ca_Desig_SNP4073	Ca_Desig_LG04	7035560	[A/C]	Ca_04308	NON_SYNONYMOUS_CODING	DNA helicase INO80
Ca_Desig_SNP4074	Ca_Desig_LG04	7035565	[A/G]	Ca_04308	SYNONYMOUS_CODING	DNA helicase INO80
Ca_Desig_SNP4075	Ca_Desig_LG04	7035566	[C/T]	Ca_04308	SYNONYMOUS_CODING	DNA helicase INO80
Ca_Desig_SNP4076	Ca_Desig_LG04	9851366	[G/T]		INTERGENIC	
Ca_Desig_SNP4077	Ca_Desig_LG04	9857716	[T/C]	Ca_04552	SYNONYMOUS_CODING	Protein TIME FOR COFFEE
Ca_Desig_SNP4078	scaffold00876	16429	[T/C]		INTERGENIC	
Ca_Desig_SNP4079	scaffold00876	16434	[T/C]		INTERGENIC	
Ca_Desig_SNP4080	scaffold01027	96	[C/T]		INTERGENIC	
Ca_Desig_SNP4081	scaffold00576	1887	[C/T]		INTERGENIC	

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Ca_Desig_SNP4082	scaffold00576	1888	[A/C]		INTERGENIC	
Ca_Desig_SNP4083	scaffold00576	1889	[G/T]		INTERGENIC	
Ca_Desig_SNP4084	scaffold00580	11369	[C/T]		INTERGENIC	
Ca_Desig_SNP4085	scaffold00580	11384	[C/T]		INTERGENIC	
Ca_Desig_SNP4086	scaffold00581	3660	[C/T]	Ca_13271	DOWNSTREAM:105bases	Serine/threonine-protein kinase PRP4 homolog
Ca_Desig_SNP4087	scaffold00581	3684	[C/A]	Ca_13271	DOWNSTREAM:81bases	Serine/threonine-protein kinase PRP4 homolog
Ca_Desig_SNP4088	scaffold00582	5888	[C/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
Ca_Desig_SNP4089	scaffold00582	5889	[T/A]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
Ca_Desig_SNP4090	scaffold00582	5890	[A/T]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
Ca_Desig_SNP4091	scaffold00582	6396	[A/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
Ca_Desig_SNP4092	scaffold00582	7882	[T/G]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
Ca_Desig_SNP4093	scaffold00582	7883	[T/A]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
Ca_Desig_SNP4094	scaffold00582	7884	[C/T]	Ca_13279	INTRON	(+)-neomenthol dehydrogenase
Ca_Desig_SNP4095	scaffold01036	400	[G/T]		INTERGENIC	
Ca_Desig_SNP4096	scaffold00883	223947	[T/G]		INTERGENIC	
Ca_Desig_SNP4097	scaffold00883	223949	[A/T]		INTERGENIC	
Ca_Desig_SNP4098	scaffold00883	223950	[T/C]		INTERGENIC	
Ca_Desig_SNP4099	scaffold00883	223951	[G/T]		INTERGENIC	
Ca_Desig_SNP4100	scaffold00945	205959	[C/G]		INTERGENIC	
Ca_Desig_SNP4101	scaffold00601	11701	[C/T]	Ca_13336	SYNONYMOUS_CODING	Disease resistance protein RPM1
Ca_Desig_SNP4102	scaffold00601	9408	[A/G]	Ca_13336	DOWNSTREAM:1664bases	Disease resistance protein RPM1
Ca_Desig_SNP4103	scaffold14776	274694	[A/T]		INTERGENIC	
Ca_Desig_SNP4104	scaffold14776	274696	[G/T]		INTERGENIC	
Ca_Desig_SNP4105	scaffold14776	279426	[G/T]		INTERGENIC	
Ca_Desig_SNP4106	scaffold00931	206163	[G/T]		INTERGENIC	
Ca_Desig_SNP4107	scaffold00931	206181	[A/T]		INTERGENIC	

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Ca_Desig_SNP4108	scaffold00931	254608	[A/G]		INTERGENIC	
Ca_Desig_SNP4109	scaffold00931	255133	[A/G]		INTERGENIC	
Ca_Desig_SNP4110	scaffold00931	257928	[A/G]		INTERGENIC	
Ca_Desig_SNP4111	scaffold00937	224742	[G/T]		INTERGENIC	
Ca_Desig_SNP4112	scaffold00937	281782	[T/C]		INTERGENIC	
Ca_Desig_SNP4113	scaffold00937	281791	[C/G]		INTERGENIC	
Ca_Desig_SNP4114	scaffold00937	281792	[T/A]		INTERGENIC	
Ca_Desig_SNP4115	scaffold00937	282254	[A/G]		INTERGENIC	
Ca_Desig_SNP4116	scaffold00937	282271	[A/G]		INTERGENIC	
Ca_Desig_SNP4117	scaffold00937	284062	[G/T]		INTERGENIC	
Ca_Desig_SNP4118	scaffold00937	284071	[A/C]		INTERGENIC	
Ca_Desig_SNP4119	scaffold00937	284585	[A/G]		INTERGENIC	
Ca_Desig_SNP4120	scaffold00937	284590	[C/G]		INTERGENIC	
Ca_Desig_SNP4121	scaffold01264	115787	[T/G]	Ca_09863	INTRON	Protein EFR3 homolog B
Ca_Desig_SNP4122	scaffold00982	137625	[C/T]		INTERGENIC	
Ca_Desig_SNP4123	scaffold00982	137633	[A/T]		INTERGENIC	
Ca_Desig_SNP4124	scaffold00982	137670	[A/C]		INTERGENIC	
Ca_Desig_SNP4125	scaffold00982	263952	[A/G]		INTERGENIC	
Ca_Desig_SNP4126	scaffold00603	6496	[A/T]		INTERGENIC	
Ca_Desig_SNP4127	scaffold00603	6497	[C/G]		INTERGENIC	
Ca_Desig_SNP4128	scaffold00603	6552	[A/T]		INTERGENIC	
Ca_Desig_SNP4129	scaffold00991	215331	[T/C]		INTERGENIC	
Ca_Desig_SNP4130	scaffold00992	170178	[C/T]		INTERGENIC	
Ca_Desig_SNP4131	scaffold00992	258025	[A/G]		INTERGENIC	
Ca_Desig_SNP4132	scaffold00992	258027	[C/T]		INTERGENIC	
Ca_Desig_SNP4133	scaffold01046	381	[T/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desig_SNP4134	scaffold00604	7615	[C/T]	Ca_13357	DOWNSTREAM:1113bases	dual specificity protein phosphatase family protein
Ca_Desig_SNP4135	scaffold00604	7625	[A/C]	Ca_13357	DOWNSTREAM:1123bases	dual specificity protein phosphatase family protein
Ca_Desig_SNP4136	scaffold00998	56883	[G/T]		INTERGENIC	
Ca_Desig_SNP4137	scaffold01310	217175	[A/G]		INTERGENIC	
Ca_Desig_SNP4138	scaffold00606	2419	[C/T]		INTERGENIC	
Ca_Desig_SNP4139	scaffold00606	2477	[A/T]		INTERGENIC	
Ca_Desig_SNP4140	scaffold00606	2510	[A/G]		INTERGENIC	
Ca_Desig_SNP4141	scaffold01428	144076	[C/T]		INTERGENIC	
Ca_Desig_SNP4142	scaffold01428	148249	[T/A]		INTERGENIC	
Ca_Desig_SNP4143	scaffold01428	171914	[A/T]		INTERGENIC	
Ca_Desig_SNP4144	scaffold01428	175798	[G/A]		INTERGENIC	
Ca_Desig_SNP4145	scaffold01428	192502	[A/T]		INTERGENIC	
Ca_Desig_SNP4146	scaffold01428	192508	[C/T]		INTERGENIC	
Ca_Desig_SNP4147	scaffold01428	192552	[A/G]		INTERGENIC	
Ca_Desig_SNP4148	scaffold01428	19811	[G/T]		INTERGENIC	
Ca_Desig_SNP4149	scaffold01428	19812	[A/G]		INTERGENIC	
Ca_Desig_SNP4150	scaffold01428	19813	[A/C]		INTERGENIC	
Ca_Desig_SNP4151	scaffold01428	19814	[A/G]		INTERGENIC	
Ca_Desig_SNP4152	scaffold01428	19815	[A/G]		INTERGENIC	
Ca_Desig_SNP4153	scaffold01428	19816	[A/C]		INTERGENIC	
Ca_Desig_SNP4154	scaffold01428	222300	[C/T]		INTERGENIC	
Ca_Desig_SNP4155	scaffold01428	222302	[T/G]		INTERGENIC	
Ca_Desig_SNP4156	scaffold02139	29529	[C/G]		INTERGENIC	
Ca_Desig_SNP4157	scaffold02139	29530	[C/A]		INTERGENIC	
Ca_Desig_SNP4158	scaffold01060	28287	[T/C]		INTERGENIC	
Ca_Desig_SNP4159	scaffold01138	32406	[G/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP4160	scaffold01054	46	[C/T]		INTERGENIC	
Ca_Desi_SNP4161	scaffold01054	65	[C/T]		INTERGENIC	
Ca_Desi_SNP4162	scaffold00615	7665	[A/C]		INTERGENIC	
Ca_Desi_SNP4163	scaffold00615	7666	[C/A]		INTERGENIC	
Ca_Desi_SNP4164	scaffold00615	7667	[T/G]		INTERGENIC	
Ca_Desi_SNP4165	scaffold00615	7668	[C/A]		INTERGENIC	
Ca_Desi_SNP4166	scaffold02111	175021	[G/C]		INTERGENIC	
Ca_Desi_SNP4167	scaffold02111	48128	[C/T]		INTERGENIC	
Ca_Desi_SNP4168	scaffold02111	58865	[C/G]		INTERGENIC	
Ca_Desi_SNP4169	scaffold01236	120410	[T/A]		INTERGENIC	
Ca_Desi_SNP4170	scaffold01236	120450	[T/A]		INTERGENIC	
Ca_Desi_SNP4171	scaffold01236	94939	[G/A]		INTERGENIC	
Ca_Desi_SNP4172	scaffold01129	190164	[A/G]		INTERGENIC	
Ca_Desi_SNP4173	scaffold02278	232246	[C/A]		INTERGENIC	
Ca_Desi_SNP4174	scaffold02278	232247	[T/G]		INTERGENIC	
Ca_Desi_SNP4175	scaffold00619	3673	[A/T]		INTERGENIC	
Ca_Desi_SNP4176	Ca_Desi_LG05	11609170	[A/T]	Ca_06203	INTRON	Serine/threonine-protein kinase ATM
Ca_Desi_SNP4177	Ca_Desi_LG05	11868638	[A/T]		INTERGENIC	
Ca_Desi_SNP4178	Ca_Desi_LG05	11868639	[G/C]		INTERGENIC	
Ca_Desi_SNP4179	Ca_Desi_LG05	13004548	[A/C]		INTERGENIC	
Ca_Desi_SNP4180	Ca_Desi_LG05	13004551	[A/G]		INTERGENIC	
Ca_Desi_SNP4181	Ca_Desi_LG05	13004552	[A/T]		INTERGENIC	
Ca_Desi_SNP4182	Ca_Desi_LG05	13190975	[G/C]	Ca_06340	INTRON	Unknown expressed protein
Ca_Desi_SNP4183	Ca_Desi_LG05	13190987	[C/T]	Ca_06340	INTRON	Unknown expressed protein
Ca_Desi_SNP4184	Ca_Desi_LG05	13191966	[C/T]	Ca_06340	INTRON	Unknown expressed protein
Ca_Desi_SNP4185	Ca_Desi_LG05	15284589	[A/C]		INTERGENIC	



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Ca_Desig_SNP4186	Ca_Desig_LG05	16081058	[T/G]	Ca_06461	NON_SYNONYMOUS_CODING	ABC transporter A family member 2
Ca_Desig_SNP4187	Ca_Desig_LG05	16081061	[T/C]	Ca_06461	SYNONYMOUS_CODING	ABC transporter A family member 2
Ca_Desig_SNP4188	Ca_Desig_LG05	16081062	[G/T]	Ca_06461	NON_SYNONYMOUS_CODING	ABC transporter A family member 2
Ca_Desig_SNP4189	Ca_Desig_LG05	1671298	[T/G]	Ca_05329	DOWNSTREAM:1376bases	Carboxypeptidase A6
Ca_Desig_SNP4190	Ca_Desig_LG05	4413259	[T/A]		INTERGENIC	
Ca_Desig_SNP4191	Ca_Desig_LG05	4413292	[C/A]		INTERGENIC	
Ca_Desig_SNP4192	Ca_Desig_LG05	4413294	[A/G]		INTERGENIC	
Ca_Desig_SNP4193	Ca_Desig_LG05	4414378	[C/A]		INTERGENIC	
Ca_Desig_SNP4194	Ca_Desig_LG05	4414399	[T/A]		INTERGENIC	
Ca_Desig_SNP4195	Ca_Desig_LG05	4837598	[A/G]	Ca_05583	NON_SYNONYMOUS_CODING	Puromycin-sensitive aminopeptidase
Ca_Desig_SNP4196	Ca_Desig_LG05	5495919	[A/C]	Ca_05645	SYNONYMOUS_CODING	Ubiquitin carboxyl-terminal hydrolase 16
Ca_Desig_SNP4197	Ca_Desig_LG05	6547198	[T/G]	Ca_05745	SYNONYMOUS_CODING	Nucleobase-ascorbate transporter 6
Ca_Desig_SNP4198	Ca_Desig_LG05	8545963	[C/G]		INTERGENIC	
Ca_Desig_SNP4199	Ca_Desig_LG05	8545964	[T/A]		INTERGENIC	
Ca_Desig_SNP4200	Ca_Desig_LG05	8545965	[A/T]		INTERGENIC	
Ca_Desig_SNP4201	scaffold01183	75746	[G/A]		INTERGENIC	
Ca_Desig_SNP4202	scaffold04586	181674	[T/A]		INTERGENIC	
Ca_Desig_SNP4203	scaffold04586	97308	[T/C]		INTERGENIC	
Ca_Desig_SNP4204	scaffold04586	97309	[G/T]		INTERGENIC	
Ca_Desig_SNP4205	scaffold00623	9449	[A/C]		INTERGENIC	
Ca_Desig_SNP4206	scaffold00333	146692	[A/C]	Ca_09088	INTRON	TATA-binding protein-associated factor 2N
Ca_Desig_SNP4207	scaffold00333	156237	[A/G]		INTERGENIC	
Ca_Desig_SNP4208	scaffold01296	134078	[G/T]		INTERGENIC	
Ca_Desig_SNP4209	scaffold01223	38133	[C/T]	Ca_10091	INTRON	Probable replication factor C subunit 3
Ca_Desig_SNP4210	scaffold01223	38134	[C/A]	Ca_10091	INTRON	Probable replication factor C subunit 3
Ca_Desig_SNP4211	scaffold01232	91743	[A/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desig_SNP4212	scaffold01232	91763	[C/G]		INTERGENIC	
Ca_Desig_SNP4213	scaffold01647	24276	[A/T]		INTERGENIC	
Ca_Desig_SNP4214	scaffold01647	24277	[A/C]		INTERGENIC	
Ca_Desig_SNP4215	scaffold01647	24278	[G/T]		INTERGENIC	
Ca_Desig_SNP4216	scaffold00628	1915	[T/G]		INTERGENIC	
Ca_Desig_SNP4217	scaffold01262	154558	[T/G]		INTERGENIC	
Ca_Desig_SNP4218	scaffold00630	4156	[C/A]		INTERGENIC	
Ca_Desig_SNP4219	scaffold00630	4160	[T/C]		INTERGENIC	
Ca_Desig_SNP4220	scaffold00630	4184	[T/C]		INTERGENIC	
Ca_Desig_SNP4221	scaffold01281	92036	[T/G]		INTERGENIC	
Ca_Desig_SNP4222	scaffold01283	84529	[A/C]		INTERGENIC	
Ca_Desig_SNP4223	scaffold01283	84530	[G/T]		INTERGENIC	
Ca_Desig_SNP4224	scaffold01286	173794	[T/C]		INTERGENIC	
Ca_Desig_SNP4225	scaffold01286	173799	[G/T]		INTERGENIC	
Ca_Desig_SNP4226	scaffold01286	173803	[C/A]		INTERGENIC	
Ca_Desig_SNP4227	scaffold05316	103696	[A/C]		INTERGENIC	
Ca_Desig_SNP4228	scaffold05316	103711	[T/G]		INTERGENIC	
Ca_Desig_SNP4229	scaffold01344	93714	[C/G]		INTERGENIC	
Ca_Desig_SNP4230	scaffold01344	93715	[T/A]		INTERGENIC	
Ca_Desig_SNP4231	scaffold01347	141022	[A/G]		INTERGENIC	
Ca_Desig_SNP4232	scaffold01353	71990	[T/A]		INTERGENIC	
Ca_Desig_SNP4233	scaffold01353	72008	[T/C]		INTERGENIC	
Ca_Desig_SNP4234	scaffold01353	73358	[C/T]		INTERGENIC	
Ca_Desig_SNP4235	scaffold01353	73421	[A/G]		INTERGENIC	
Ca_Desig_SNP4236	scaffold01353	73553	[T/A]		INTERGENIC	
Ca_Desig_SNP4237	scaffold01362	106886	[G/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP4238	scaffold00649	496	[G/A]		INTERGENIC	
Ca_Desi_SNP4239	scaffold00649	501	[T/C]		INTERGENIC	
Ca_Desi_SNP4240	scaffold02564	20358	[A/G]		INTERGENIC	
Ca_Desi_SNP4241	scaffold02130	148585	[T/C]		INTERGENIC	
Ca_Desi_SNP4242	scaffold02130	148627	[C/A]		INTERGENIC	
Ca_Desi_SNP4243	scaffold07356	154913	[G/A]		INTERGENIC	
Ca_Desi_SNP4244	scaffold07356	154922	[A/T]		INTERGENIC	
Ca_Desi_SNP4245	scaffold07356	154924	[C/T]		INTERGENIC	
Ca_Desi_SNP4246	scaffold00657	4032	[G/T]		INTERGENIC	
Ca_Desi_SNP4247	scaffold01445	41793	[A/T]	Ca_10259	DOWNSTREAM:1678bases	Uncharacterized aarF domain-containing protein kinase At1g79600, chloroplastic
Ca_Desi_SNP4248	scaffold01445	41794	[A/T]	Ca_10259	DOWNSTREAM:1679bases	Uncharacterized aarF domain-containing protein kinase At1g79600, chloroplastic
Ca_Desi_SNP4249	scaffold01445	41815	[A/C]	Ca_10259	DOWNSTREAM:1700bases	Uncharacterized aarF domain-containing protein kinase At1g79600, chloroplastic
Ca_Desi_SNP4250	scaffold00664	7985	[C/G]		INTERGENIC	
Ca_Desi_SNP4251	scaffold00664	7987	[C/A]		INTERGENIC	
Ca_Desi_SNP4252	scaffold02317	22883	[C/G]		INTERGENIC	
Ca_Desi_SNP4253	scaffold02317	22884	[G/A]		INTERGENIC	
Ca_Desi_SNP4254	scaffold01092	32	[T/G]		INTERGENIC	
Ca_Desi_SNP4255	scaffold01092	61	[A/G]		INTERGENIC	
Ca_Desi_SNP4256	scaffold03349	105163	[T/G]		INTERGENIC	
Ca_Desi_SNP4257	scaffold03349	105172	[C/A]		INTERGENIC	
Ca_Desi_SNP4258	scaffold03349	1939	[A/C]		INTERGENIC	
Ca_Desi_SNP4259	scaffold03349	1948	[A/C]		INTERGENIC	
Ca_Desi_SNP4260	scaffold03349	1954	[A/C]		INTERGENIC	
Ca_Desi_SNP4261	scaffold03349	1955	[C/A]		INTERGENIC	
Ca_Desi_SNP4262	scaffold04453	258009	[C/A]		INTERGENIC	
Ca_Desi_SNP4263	scaffold04453	258752	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desig_SNP4264	scaffold04453	258769	[A/G]		INTERGENIC	
Ca_Desig_SNP4265	scaffold00667	5207	[A/T]	Ca_13619	INTRON	50S ribosomal protein L17
Ca_Desig_SNP4266	scaffold00667	5209	[G/T]	Ca_13619	INTRON	50S ribosomal protein L17
Ca_Desig_SNP4267	scaffold01093	388	[A/G]		INTERGENIC	
Ca_Desig_SNP4268	Ca_Desig_LG06	10304723	[T/G]	Ca_07271	DOWNSTREAM:1373bases	Stem-specific protein TSJT1
Ca_Desig_SNP4269	Ca_Desig_LG06	10304724	[G/A]	Ca_07271	DOWNSTREAM:1372bases	Stem-specific protein TSJT1
Ca_Desig_SNP4270	Ca_Desig_LG06	10304725	[A/T]	Ca_07271	DOWNSTREAM:1371bases	Stem-specific protein TSJT1
Ca_Desig_SNP4271	Ca_Desig_LG06	2187091	[A/C]		INTERGENIC	
Ca_Desig_SNP4272	Ca_Desig_LG06	2187115	[T/C]		INTERGENIC	
Ca_Desig_SNP4273	Ca_Desig_LG06	4734362	[T/G]		INTERGENIC	
Ca_Desig_SNP4274	Ca_Desig_LG06	4734363	[T/A]		INTERGENIC	
Ca_Desig_SNP4275	Ca_Desig_LG06	4734364	[C/T]		INTERGENIC	
Ca_Desig_SNP4276	Ca_Desig_LG06	4863685	[C/A]		INTERGENIC	
Ca_Desig_SNP4277	Ca_Desig_LG06	4910434	[T/C]	Ca_06836	INTRON	Kinesin-like protein KIF15-B
Ca_Desig_SNP4278	Ca_Desig_LG06	4915652	[A/G]		INTERGENIC	
Ca_Desig_SNP4279	Ca_Desig_LG06	4915673	[G/T]		INTERGENIC	
Ca_Desig_SNP4280	Ca_Desig_LG06	5793689	[A/C]		INTERGENIC	
Ca_Desig_SNP4281	Ca_Desig_LG06	5805148	[T/C]		INTERGENIC	
Ca_Desig_SNP4282	Ca_Desig_LG06	5805150	[T/C]		INTERGENIC	
Ca_Desig_SNP4283	Ca_Desig_LG06	5830337	[G/T]		INTERGENIC	
Ca_Desig_SNP4284	Ca_Desig_LG06	5855826	[C/T]	Ca_06892	INTRON	Uncharacterized protein sll1770
Ca_Desig_SNP4285	Ca_Desig_LG06	5944054	[A/G]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
Ca_Desig_SNP4286	Ca_Desig_LG06	5944184	[C/T]	Ca_06902	NON_SYNONYMOUS_CODING	U-box domain-containing protein 4
Ca_Desig_SNP4287	Ca_Desig_LG06	5947076	[A/G]	Ca_06902	SYNONYMOUS_CODING	U-box domain-containing protein 4
Ca_Desig_SNP4288	Ca_Desig_LG06	6048900	[A/G]		INTERGENIC	
Ca_Desig_SNP4289	Ca_Desig_LG06	6048909	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desig_SNP4290	Ca_Desig_LG06	6049189	[C/T]		INTERGENIC	
Ca_Desig_SNP4291	Ca_Desig_LG06	6119060	[A/G]	Ca_06923	NON_SYNONYMOUS_CODING	Protein spinster
Ca_Desig_SNP4292	Ca_Desig_LG06	6792795	[A/G]	Ca_06979	SYNONYMOUS_CODING	WD repeat-containing protein 53
Ca_Desig_SNP4293	Ca_Desig_LG06	6971913	[G/C]	Ca_07001	INTRON	Serine/threonine-protein phosphatase PP2A catalytic subunit
Ca_Desig_SNP4294	Ca_Desig_LG06	6971915	[T/A]	Ca_07001	INTRON	Serine/threonine-protein phosphatase PP2A catalytic subunit
Ca_Desig_SNP4295	Ca_Desig_LG06	6971916	[C/A]	Ca_07001	INTRON	Serine/threonine-protein phosphatase PP2A catalytic subunit
Ca_Desig_SNP4296	Ca_Desig_LG06	7803317	[C/A]		INTERGENIC	
Ca_Desig_SNP4297	Ca_Desig_LG06	7803318	[T/G]		INTERGENIC	
Ca_Desig_SNP4298	Ca_Desig_LG06	9904529	[G/T]		INTERGENIC	
Ca_Desig_SNP4299	scaffold01528	53315	[A/G]		INTERGENIC	
Ca_Desig_SNP4300	scaffold01528	53338	[A/C]		INTERGENIC	
Ca_Desig_SNP4301	scaffold01532	15856	[A/G]		INTERGENIC	
Ca_Desig_SNP4302	scaffold01532	15868	[A/G]		INTERGENIC	
Ca_Desig_SNP4303	scaffold01547	58588	[T/C]	Ca_10306	DOWNSTREAM:1149bases	Probable LRR receptor-like serine/threonine-protein kinase At4g08850
Ca_Desig_SNP4304	scaffold01585	16091	[C/G]		INTERGENIC	
Ca_Desig_SNP4305	scaffold00676	3952	[T/A]		INTERGENIC	
Ca_Desig_SNP4306	scaffold00676	3968	[G/C]		INTERGENIC	
Ca_Desig_SNP4307	scaffold00676	4097	[T/C]		INTERGENIC	
Ca_Desig_SNP4308	scaffold00676	4117	[T/A]		INTERGENIC	
Ca_Desig_SNP4309	scaffold01101	235	[G/A]		INTERGENIC	
Ca_Desig_SNP4310	scaffold01787	132697	[A/T]		INTERGENIC	
Ca_Desig_SNP4311	scaffold01787	132731	[T/C]		INTERGENIC	
Ca_Desig_SNP4312	scaffold01103	148	[T/A]		INTERGENIC	
Ca_Desig_SNP4313	scaffold07417	44807	[T/A]		INTERGENIC	
Ca_Desig_SNP4314	scaffold07417	44808	[C/A]		INTERGENIC	
Ca_Desig_SNP4315	scaffold07417	44809	[T/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP4316	scaffold01652	10950	[A/G]		INTERGENIC	
Ca_Desi_SNP4317	scaffold00684	6593	[T/C]		INTERGENIC	
Ca_Desi_SNP4318	scaffold00401	184697	[T/C]		INTERGENIC	
Ca_Desi_SNP4319	scaffold01722	16150	[C/G]	Ca_10360	INTRON	Unconventional myosin-Va
Ca_Desi_SNP4320	scaffold01722	16151	[C/A]	Ca_10360	INTRON	Unconventional myosin-Va
Ca_Desi_SNP4321	scaffold02093	7946	[C/G]		INTERGENIC	
Ca_Desi_SNP4322	scaffold00686	2513	[T/G]		INTERGENIC	
Ca_Desi_SNP4323	scaffold00686	2573	[G/T]		INTERGENIC	
Ca_Desi_SNP4324	scaffold01737	114458	[A/G]		INTERGENIC	
Ca_Desi_SNP4325	scaffold01737	119289	[A/C]		INTERGENIC	
Ca_Desi_SNP4326	scaffold01737	119290	[G/T]		INTERGENIC	
Ca_Desi_SNP4327	scaffold03195	16411	[G/T]		INTERGENIC	
Ca_Desi_SNP4328	scaffold01783	3780	[G/T]		INTERGENIC	
Ca_Desi_SNP4329	scaffold01783	9110	[G/A]		INTERGENIC	
Ca_Desi_SNP4330	scaffold00696	5210	[C/T]		INTERGENIC	
Ca_Desi_SNP4331	scaffold00696	5240	[A/G]		INTERGENIC	
Ca_Desi_SNP4332	Ca_Desi_LG07	1050542	[A/T]	Ca_07466	INTRON	Midasin
Ca_Desi_SNP4333	Ca_Desi_LG07	1635068	[C/T]	Ca_07491	INTRON	Transcription factor MYB1R1
Ca_Desi_SNP4334	Ca_Desi_LG07	1668112	[C/T]	Ca_07493	INTRON	tobamovirus multiplication protein 3
Ca_Desi_SNP4335	Ca_Desi_LG07	1761414	[G/A]	Ca_07503	INTRON	Probable N-acetyl-gamma-glutamyl-phosphate reductase, chloroplastic
Ca_Desi_SNP4336	Ca_Desi_LG07	2195622	[G/A]	Ca_07527	INTRON	Phospholipid-transporting ATPase 3
Ca_Desi_SNP4337	Ca_Desi_LG07	2195623	[G/T]	Ca_07527	INTRON	Phospholipid-transporting ATPase 3
Ca_Desi_SNP4338	Ca_Desi_LG07	2570459	[A/C]	Ca_07547	DOWNSTREAM:705bases	Pentatricopeptide repeat-containing protein At1g71490
Ca_Desi_SNP4339	Ca_Desi_LG07	2570483	[G/T]	Ca_07547	DOWNSTREAM:729bases	Pentatricopeptide repeat-containing protein At1g71490
Ca_Desi_SNP4340	Ca_Desi_LG07	2570489	[C/T]	Ca_07547	DOWNSTREAM:735bases	Pentatricopeptide repeat-containing protein At1g71490
Ca_Desi_SNP4341	Ca_Desi_LG07	2707722	[G/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP4342	Ca_Desi_LG07	4370421	[C/G]	Ca_07661	INTRON	Putative uncharacterized protein
Ca_Desi_SNP4343	Ca_Desi_LG07	463993	[A/C]	Ca_07419	NON_SYNONYMOUS_CODING	Cytochrome P450 76A2
Ca_Desi_SNP4344	Ca_Desi_LG07	463994	[G/T]	Ca_07419	NON_SYNONYMOUS_CODING	Cytochrome P450 76A2
Ca_Desi_SNP4345	Ca_Desi_LG07	5882434	[T/G]	Ca_07756	INTRON	Exosome complex exonuclease RRP44
Ca_Desi_SNP4346	Ca_Desi_LG07	5882437	[T/G]	Ca_07756	INTRON	Exosome complex exonuclease RRP44
Ca_Desi_SNP4347	Ca_Desi_LG07	770323	[C/G]	Ca_07445	DOWNSTREAM:292bases	Small RNA 2'-O-methyltransferase
Ca_Desi_SNP4348	scaffold11144	108754	[A/G]		INTERGENIC	
Ca_Desi_SNP4349	scaffold11144	109304	[C/T]		INTERGENIC	
Ca_Desi_SNP4350	scaffold11144	109320	[A/G]		INTERGENIC	
Ca_Desi_SNP4351	scaffold11144	114793	[T/A]		INTERGENIC	
Ca_Desi_SNP4352	scaffold01797	89412	[C/G]		INTERGENIC	
Ca_Desi_SNP4353	scaffold01797	89414	[A/T]		INTERGENIC	
Ca_Desi_SNP4354	scaffold03107	11132	[A/C]		INTERGENIC	
Ca_Desi_SNP4355	scaffold00703	4030	[C/T]		INTERGENIC	
Ca_Desi_SNP4356	scaffold00703	4038	[G/A]		INTERGENIC	
Ca_Desi_SNP4357	scaffold04736	64788	[C/A]		INTERGENIC	
Ca_Desi_SNP4358	scaffold04736	64789	[T/G]		INTERGENIC	
Ca_Desi_SNP4359	scaffold01920	11139	[G/A]		INTERGENIC	
Ca_Desi_SNP4360	scaffold00710	890	[G/C]		INTERGENIC	
Ca_Desi_SNP4361	scaffold01958	95130	[C/T]		INTERGENIC	
Ca_Desi_SNP4362	scaffold01958	95148	[A/G]		INTERGENIC	
Ca_Desi_SNP4363	scaffold01958	95154	[C/T]		INTERGENIC	
Ca_Desi_SNP4364	scaffold01958	95341	[G/A]		INTERGENIC	
Ca_Desi_SNP4365	scaffold01958	95483	[C/A]		INTERGENIC	
Ca_Desi_SNP4366	scaffold01958	95501	[G/A]		INTERGENIC	
Ca_Desi_SNP4367	scaffold04282	36318	[A/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP4368	scaffold00716	4302	[C/T]		INTERGENIC	
Ca_Desi_SNP4369	scaffold00716	4303	[T/A]		INTERGENIC	
Ca_Desi_SNP4370	scaffold00716	4333	[T/G]		INTERGENIC	
Ca_Desi_SNP4371	scaffold02000	59515	[A/G]	Ca_10427	INTRON	Dihydroflavonol-4-reductase (Fragment)
Ca_Desi_SNP4372	scaffold00441	71456	[C/T]	Ca_09233	DOWNSTREAM:769bases	NF-X1 -type zinc finger protein NFXL2
Ca_Desi_SNP4373	scaffold02022	85954	[C/T]		INTERGENIC	
Ca_Desi_SNP4374	scaffold02022	85957	[A/G]		INTERGENIC	
Ca_Desi_SNP4375	scaffold02551	45017	[T/C]		INTERGENIC	
Ca_Desi_SNP4376	scaffold00724	104	[C/T]		INTERGENIC	
Ca_Desi_SNP4377	scaffold00724	108	[G/A]		INTERGENIC	
Ca_Desi_SNP4378	scaffold04802	21851	[A/T]		INTERGENIC	
Ca_Desi_SNP4379	scaffold02189	53698	[T/G]	Ca_10459	DOWNSTREAM:1933bases	GCN5-related N-acetyltransferase; BRCT
Ca_Desi_SNP4380	scaffold00726	2495	[A/C]		INTERGENIC	
Ca_Desi_SNP4381	scaffold14943	64832	[C/T]		INTERGENIC	
Ca_Desi_SNP4382	scaffold02206	105071	[A/C]		INTERGENIC	
Ca_Desi_SNP4383	scaffold02299	98155	[C/T]		INTERGENIC	
Ca_Desi_SNP4384	Ca_Desi_LG08	10089757	[G/A]	Ca_08708	DOWNSTREAM:1009bases	Unknown expressed protein
Ca_Desi_SNP4385	Ca_Desi_LG08	10156217	[T/G]		INTERGENIC	
Ca_Desi_SNP4386	Ca_Desi_LG08	10194719	[A/C]	Ca_08722	SYNONYMOUS_CODING	Putative uncharacterized protein
Ca_Desi_SNP4387	Ca_Desi_LG08	1041386	[G/C]	Ca_08077	SYNONYMOUS_CODING	CBL-interacting serine/threonine-protein kinase 6
Ca_Desi_SNP4388	Ca_Desi_LG08	1388750	[G/A]	Ca_08096	SYNONYMOUS_CODING	Pyrophosphate--fructose 6-phosphate 1-phosphotransferase subunit beta
Ca_Desi_SNP4389	Ca_Desi_LG08	201422	[C/T]	Ca_07988	DOWNSTREAM:1437bases	Histone H2B.4
Ca_Desi_SNP4390	Ca_Desi_LG08	202036	[G/T]		INTERGENIC	
Ca_Desi_SNP4391	Ca_Desi_LG08	427213	[G/T]		INTERGENIC	
Ca_Desi_SNP4392	Ca_Desi_LG08	427216	[G/T]		INTERGENIC	
Ca_Desi_SNP4393	Ca_Desi_LG08	5430520	[G/C]	Ca_08350	INTRON	Telomere-associated protein RIF1



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP4394	Ca_Desi_LG08	6122094	[C/G]	Ca_08422	DOWNSTREAM:1378bases	TVP38/TMEM64 family membrane protein slr0305
Ca_Desi_SNP4395	Ca_Desi_LG08	6693921	[A/C]	Ca_08481	NON_SYNONYMOUS_CODING	ABC transporter B family member 25
Ca_Desi_SNP4396	Ca_Desi_LG08	6693922	[G/T]	Ca_08481	NON_SYNONYMOUS_CODING	ABC transporter B family member 25
Ca_Desi_SNP4397	Ca_Desi_LG08	6890398	[A/G]	Ca_08496	DOWNSTREAM:866bases	B3 domain-containing protein Os03g0120900
Ca_Desi_SNP4398	Ca_Desi_LG08	6929305	[G/T]	Ca_08499	INTRON	Ribosome production factor 1
Ca_Desi_SNP4399	Ca_Desi_LG08	6932498	[C/T]	Ca_08500	INTRON	Chlorophyll a-b binding protein 7, chloroplastic
Ca_Desi_SNP4400	scaffold02276	9638	[C/G]		INTERGENIC	
Ca_Desi_SNP4401	scaffold02308	11010	[A/C]		INTERGENIC	
Ca_Desi_SNP4402	scaffold02308	11390	[G/T]	Ca_10479	DOWNSTREAM:1096bases	Putative uncharacterized protein
Ca_Desi_SNP4403	scaffold02308	11403	[C/T]	Ca_10479	DOWNSTREAM:1109bases	Putative uncharacterized protein
Ca_Desi_SNP4404	scaffold02308	11432	[G/T]	Ca_10479	DOWNSTREAM:1138bases	Putative uncharacterized protein
Ca_Desi_SNP4405	scaffold02333	27063	[A/T]		INTERGENIC	
Ca_Desi_SNP4406	scaffold00728	2438	[A/C]		INTERGENIC	
Ca_Desi_SNP4407	scaffold00728	2494	[C/G]		INTERGENIC	
Ca_Desi_SNP4408	scaffold00482	32344	[C/T]	Ca_09274	DOWNSTREAM:878bases	Putative uncharacterized protein
Ca_Desi_SNP4409	scaffold00482	32354	[C/G]	Ca_09274	DOWNSTREAM:868bases	Putative uncharacterized protein
Ca_Desi_SNP4410	scaffold00482	32631	[C/T]	Ca_09274	DOWNSTREAM:591bases	Putative uncharacterized protein
Ca_Desi_SNP4411	scaffold00485	98164	[T/A]		INTERGENIC	
Ca_Desi_SNP4412	scaffold05885	82466	[G/T]		INTERGENIC	
Ca_Desi_SNP4413	scaffold08121	42759	[T/C]		INTERGENIC	
Ca_Desi_SNP4414	scaffold02452	33564	[A/T]		INTERGENIC	
Ca_Desi_SNP4415	scaffold02452	33565	[A/C]		INTERGENIC	
Ca_Desi_SNP4416	scaffold02452	33566	[G/T]		INTERGENIC	
Ca_Desi_SNP4417	scaffold02462	68717	[G/T]		INTERGENIC	
Ca_Desi_SNP4418	scaffold02483	89889	[G/T]		INTERGENIC	
Ca_Desi_SNP4419	scaffold02483	89894	[A/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP4420	scaffold02645	75218	[C/T]		INTERGENIC	
Ca_Desi_SNP4421	scaffold02650	79464	[C/T]		INTERGENIC	
Ca_Desi_SNP4422	scaffold02650	79478	[A/G]		INTERGENIC	
Ca_Desi_SNP4423	scaffold02650	79509	[A/T]		INTERGENIC	
Ca_Desi_SNP4424	scaffold02650	80915	[T/C]		INTERGENIC	
Ca_Desi_SNP4425	scaffold02650	80919	[C/T]		INTERGENIC	
Ca_Desi_SNP4426	scaffold02679	60700	[G/A]		INTERGENIC	
Ca_Desi_SNP4427	scaffold00745	3695	[C/T]		INTERGENIC	
Ca_Desi_SNP4428	scaffold00745	3765	[G/A]		INTERGENIC	
Ca_Desi_SNP4429	scaffold00747	2142	[A/C]		INTERGENIC	
Ca_Desi_SNP4430	scaffold02696	44762	[C/T]		INTERGENIC	
Ca_Desi_SNP4431	scaffold00748	1167	[A/C]		INTERGENIC	
Ca_Desi_SNP4432	scaffold00748	1198	[A/T]		INTERGENIC	
Ca_Desi_SNP4433	scaffold01133	273	[A/G]	Ca_15037	SYNONYMOUS_CODING	Integrase, catalytic region; Ribonuclease H
Ca_Desi_SNP4434	scaffold04114	5202	[A/G]		INTERGENIC	
Ca_Desi_SNP4435	scaffold03130	18111	[G/T]		INTERGENIC	
Ca_Desi_SNP4436	scaffold03224	10299	[C/A]		INTERGENIC	
Ca_Desi_SNP4437	scaffold03224	10300	[C/T]		INTERGENIC	
Ca_Desi_SNP4438	scaffold00751	1963	[A/T]		INTERGENIC	
Ca_Desi_SNP4439	scaffold03282	47600	[A/T]		INTERGENIC	
Ca_Desi_SNP4440	scaffold03282	49831	[G/A]		INTERGENIC	
Ca_Desi_SNP4441	scaffold00752	3513	[A/G]	Ca_13923	UTR_3_PRIME:127bases	Uncharacterized protein At5g39865
Ca_Desi_SNP4442	scaffold00752	3529	[C/T]	Ca_13923	UTR_3_PRIME:111bases	Uncharacterized protein At5g39865
Ca_Desi_SNP4443	scaffold00752	3546	[A/G]	Ca_13923	UTR_3_PRIME:94bases	Uncharacterized protein At5g39865
Ca_Desi_SNP4444	scaffold00752	3548	[A/G]	Ca_13923	UTR_3_PRIME:92bases	Uncharacterized protein At5g39865
Ca_Desi_SNP4445	scaffold00760	1370	[A/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Desi_SNP4446	scaffold03298	41437	[A/C]	Ca_10561	UPSTREAM:1774bases	Protein WAX2
Ca_Desi_SNP4447	scaffold03298	77198	[A/G]		INTERGENIC	
Ca_Desi_SNP4448	scaffold11974	30864	[C/T]		INTERGENIC	
<b>*3625 SNPs mapped on eight LGs of <i>desi</i> intra-specific genetic map</b>						

**Table S6B: Structural and functional annotation of 2689 high-quality SNPs (MAF >20%) identified by reference *kabuli* genome-based GBS assay used for construction of ultra-high density intra-specific genetic linkage maps in chickpea**

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1	Ca_Kabuli_LG05	17494714	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP2	scaffold3454	1404	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP3	Ca_Kabuli_LG01	43933984	[C/T]	Ca_13539	DOWNSTREAM:284bases	--
#Ca_Kabuli_SNP4	Ca_Kabuli_LG01	28082758	[C/T]	Ca_18523	INTRON	Vps54-like
#Ca_Kabuli_SNP5	Ca_Kabuli_LG02	32844739	[G/C]	Ca_10238	NON_SYNONYMOUS_CODING	Late embryogenesis abundant protein, group 2
#Ca_Kabuli_SNP6	scaffold2146	7377	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP7	Ca_Kabuli_LG01	37690416	[G/A]	Ca_23533	INTRON	Myb, DNA-binding
#Ca_Kabuli_SNP8	Ca_Kabuli_LG01	40346280	[A/C]	Ca_13893	INTRON	Tetratricopeptide, MLP1/MLP2-like
#Ca_Kabuli_SNP9	Ca_Kabuli_LG01	34161921	[G/A]	Ca_25473	DOWNSTREAM:127bases	Zinc finger, RING-type
#Ca_Kabuli_SNP10	Ca_Kabuli_LG01	37690497	[A/T]	Ca_23533	INTRON	Myb, DNA-binding
#Ca_Kabuli_SNP11	Ca_Kabuli_LG01	38877670	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP12	scaffold2477	62768	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP13	Ca_Kabuli_LG01	23149053	[G/A]	Ca_22359	SYNONYMOUS_CODING	Initiation factor 2B-related
#Ca_Kabuli_SNP14	Ca_Kabuli_LG01	26807402	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP15	Ca_Kabuli_LG07	25428660	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP16	Ca_Kabuli_LG01	19526652	[T/G]	Ca_08868	INTRON	Aldose 1-epimerase
#Ca_Kabuli_SNP17	Ca_Kabuli_LG01	19254161	[A/G]	Ca_17349	INTRON	--
#Ca_Kabuli_SNP18	Ca_Kabuli_LG01	40343216	[G/T]	Ca_13893	INTRON	Tetratricopeptide, MLP1/MLP2-like
#Ca_Kabuli_SNP19	Ca_Kabuli_LG01	37722143	[G/C]	Ca_23534	SYNONYMOUS_CODING	Protein of unknown function DUF620
#Ca_Kabuli_SNP20	Ca_Kabuli_LG01	37722095	[G/A]	Ca_23534	SYNONYMOUS_CODING	Protein of unknown function DUF620
#Ca_Kabuli_SNP21	Ca_Kabuli_LG01	34272025	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP22	Ca_Kabuli_LG01	34272024	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP23	Ca_Kabuli_LG01	34727251	[T/G]	Ca_21419	SYNONYMOUS_CODING	Zinc finger, CCCH-type
#Ca_Kabuli_SNP24	Ca_Kabuli_LG01	39663432	[C/G]	Ca_13922	INTRON	ABC transporter-like
#Ca_Kabuli_SNP25	Ca_Kabuli_LG01	28065140	[C/T]	Ca_18523	INTRON	Vps54-like
#Ca_Kabuli_SNP26	Ca_Kabuli_LG06	12810876	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP27	Ca_Kabuli_LG07	33099304	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP28	Ca_Kabuli_LG01	40367940	[G/A]	Ca_13893	INTRON	Tetratricopeptide, MLP1/MLP2-like
#Ca_Kabuli_SNP29	Ca_Kabuli_LG01	40358747	[T/G]	Ca_13893	INTRON	Tetratricopeptide, MLP1/MLP2-like

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP30	Ca_Kabuli_LG01	38877710	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP31	Ca_Kabuli_LG01	38877711	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP32	Ca_Kabuli_LG01	33695857	[A/G]	Ca_19455	INTRON	Glycosyl-phosphatidyl inositol-anchored, plant
#Ca_Kabuli_SNP33	Ca_Kabuli_LG04	48502687	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP34	Ca_Kabuli_LG01	39436182	[T/C]	Ca_13931	SYNONYMOUS_CODING	IQ motif, EF-hand binding site
#Ca_Kabuli_SNP35	Ca_Kabuli_LG01	30990317	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP36	Ca_Kabuli_LG01	31590263	[C/G]	Ca_21868	INTRON	Orotidine 5'-phosphate decarboxylase domain
#Ca_Kabuli_SNP37	scaffold1305	9398	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP38	Ca_Kabuli_LG06	9834198	[C/A]	Ca_08608	NON_SYNONYMOUS_CODING	WD40 repeat
#Ca_Kabuli_SNP39	Ca_Kabuli_LG03	29207307	[A/C]	Ca_07227	DOWNSTREAM:95bases	GDP-fucose protein O-fucosyltransferase
#Ca_Kabuli_SNP40	Ca_Kabuli_LG01	31136007	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP41	Ca_Kabuli_LG01	39663380	[C/T]	Ca_13922	INTRON	ABC transporter-like
#Ca_Kabuli_SNP42	Ca_Kabuli_LG01	34272001	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP43	Ca_Kabuli_LG07	29313239	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP44	Ca_Kabuli_LG01	37768333	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP45	Ca_Kabuli_LG01	37768299	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP46	Ca_Kabuli_LG06	21489042	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP47	Ca_Kabuli_LG01	28088501	[T/C]	Ca_18523	SYNONYMOUS_CODING	Vps54-like
#Ca_Kabuli_SNP48	Ca_Kabuli_LG02	7125992	[T/G]	Ca_19128	NON_SYNONYMOUS_CODING	Oxidoreductase, N-terminal
#Ca_Kabuli_SNP49	Ca_Kabuli_LG01	37870835	[G/A]	Ca_23539	INTRON	Zinc finger, PHD-type
#Ca_Kabuli_SNP50	Ca_Kabuli_LG01	30232233	[T/C]	Ca_22467	DOWNSTREAM:1671bases	Protein of unknown function DUF617, plant
#Ca_Kabuli_SNP51	Ca_Kabuli_LG01	1117444	[G/T]	Ca_00138	SYNONYMOUS_CODING	HEAT
#Ca_Kabuli_SNP52	Ca_Kabuli_LG01	37870666	[T/C]	Ca_23539	INTRON	Zinc finger, PHD-type
#Ca_Kabuli_SNP53	Ca_Kabuli_LG05	28335455	[A/C]	Ca_13389	SYNONYMOUS_CODING	Histidine phosphatase superfamily, clade-3
#Ca_Kabuli_SNP54	Ca_Kabuli_LG01	42271245	[C/G]	Ca_22675	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP55	scaffold327	131751	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP56	Ca_Kabuli_LG01	40199841	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP57	Ca_Kabuli_LG06	49044814	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP58	Ca_Kabuli_LG02	18671574	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP59	Ca_Kabuli_LG06	23145617	[A/T]	Ca_11137	INTRON	Clathrin/coatomer adaptor, adaptin-like, N-terminal
#Ca_Kabuli_SNP60	scaffold2825	25070	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP61	Ca_Kabuli_LG08	6477777	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP62	Ca_Kabuli_LG04	12534847	[C/T]	Ca_04476	DOWNSTREAM:1646bases	Remorin, C-terminal
#Ca_Kabuli_SNP63	Ca_Kabuli_LG03	23340882	[T/C]	Ca_06186	INTRON	Protein of unknown function DUF3523
#Ca_Kabuli_SNP64	scaffold247	3263	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP65	Ca_Kabuli_LG01	43304559	[T/G]	Ca_13580	NON_SYNONYMOUS_CODING	Tetratricopeptide repeat-containing
#Ca_Kabuli_SNP66	Ca_Kabuli_LG07	27210881	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP67	scaffold1127	23440	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP68	Ca_Kabuli_LG01	37732133	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP69	Ca_Kabuli_LG01	46523221	[T/C]	Ca_21550	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP70	scaffold932	228328	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP71	Ca_Kabuli_LG01	17462461	[G/A]	Ca_14788	DOWNSTREAM:1246bases	Glycoside hydrolase, family 3, N-terminal
#Ca_Kabuli_SNP72	Ca_Kabuli_LG01	17359686	[T/C]	Ca_22785	INTRON	Domain of unknown function DUF625
#Ca_Kabuli_SNP73	scaffold36	74743	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP74	Ca_Kabuli_LG05	42004600	[T/G]	Ca_11412	INTRON	Rab-GAP/TBC domain
#Ca_Kabuli_SNP75	scaffold2371	186189	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP76	scaffold68	779324	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP77	Ca_Kabuli_LG01	8112343	[C/T]	Ca_08057	SYNONYMOUS_CODING	RNA helicase, ATP-dependent, DEAD-box, conserved site
#Ca_Kabuli_SNP78	scaffold5557	6564	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP79	Ca_Kabuli_LG03	24024538	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP80	Ca_Kabuli_LG01	8108014	[C/T]	Ca_08057	NON_SYNONYMOUS_CODING	RNA helicase, ATP-dependent, DEAD-box, conserved site
#Ca_Kabuli_SNP81	Ca_Kabuli_LG02	11246842	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP82	Ca_Kabuli_LG01	3711516	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP83	Ca_Kabuli_LG06	49044794	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP84	Ca_Kabuli_LG03	18506357	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP85	Ca_Kabuli_LG01	7811388	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP86	Ca_Kabuli_LG07	5577329	[A/C]	Ca_06805	SYNONYMOUS_CODING	F-box domain, cyclin-like
#Ca_Kabuli_SNP87	Ca_Kabuli_LG07	34875630	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP88	Ca_Kabuli_LG01	8133516	[G/A]	Ca_08059	DOWNSTREAM:1841bases	Bicarbonate transporter, eukaryotic
#Ca_Kabuli_SNP89	Ca_Kabuli_LG01	7925666	[A/C]	Ca_08042	SYNONYMOUS_CODING	Biopterin transport-related protein BT1
#Ca_Kabuli_SNP90	Ca_Kabuli_LG02	28897976	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP91	scaffold4500	6819	[A/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP92	scaffold1860	129934	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP93	Ca_Kabuli_LG01	8112247	[A/G]	Ca_08057	SYNONYMOUS_CODING	RNA helicase, ATP-dependent, DEAD-box, conserved site
#Ca_Kabuli_SNP94	Ca_Kabuli_LG07	815452	[T/G]	Ca_03396	NON_SYNONYMOUS_CODING	Armadillo
#Ca_Kabuli_SNP95	Ca_Kabuli_LG01	8036903	[A/T]	Ca_08051	INTRON	NAD-dependent epimerase/dehydratase
#Ca_Kabuli_SNP96	Ca_Kabuli_LG01	8036917	[T/G]	Ca_08051	INTRON	NAD-dependent epimerase/dehydratase
#Ca_Kabuli_SNP97	Ca_Kabuli_LG04	28060964	[C/G]	Ca_23178	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP98	Ca_Kabuli_LG01	7969218	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP99	Ca_Kabuli_LG02	3164298	[A/T]	Ca_10531	DOWNSTREAM:195bases	Cysteamine dioxygenase
#Ca_Kabuli_SNP100	Ca_Kabuli_LG05	32383737	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP101	Ca_Kabuli_LG01	7925774	[C/T]	Ca_08042	SYNONYMOUS_CODING	Biopterin transport-related protein BT1
#Ca_Kabuli_SNP102	Ca_Kabuli_LG01	8131157	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP103	Ca_Kabuli_LG01	7811444	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP104	Ca_Kabuli_LG07	9888225	[T/A]	Ca_12754	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP105	Ca_Kabuli_LG01	15965278	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP106	scaffold1305	10541	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP107	Ca_Kabuli_LG04	8682191	[T/C]	Ca_08364	NON_SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP108	scaffold948	1066731	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP109	Ca_Kabuli_LG01	8036666	[C/T]	Ca_08051	INTRON	NAD-dependent epimerase/dehydratase
#Ca_Kabuli_SNP110	Ca_Kabuli_LG05	21933954	[A/C]	Ca_24469	DOWNSTREAM:1804bases	Glycoside hydrolase, family 28
#Ca_Kabuli_SNP111	Ca_Kabuli_LG04	13646773	[A/G]	Ca_04583	NON_SYNONYMOUS_CODING	Seed maturation protein
#Ca_Kabuli_SNP112	Ca_Kabuli_LG04	8852420	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP113	Ca_Kabuli_LG05	41464556	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP114	Ca_Kabuli_LG04	46713940	[A/C]	Ca_19246	NON_SYNONYMOUS_CODING	PGAP1-like
#Ca_Kabuli_SNP115	Ca_Kabuli_LG04	23267891	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP116	Ca_Kabuli_LG02	12519430	[T/A]	Ca_18078	SYNONYMOUS_CODING	WD40 repeat
#Ca_Kabuli_SNP117	Ca_Kabuli_LG07	27210894	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP118	Ca_Kabuli_LG01	14015757	[T/C]	Ca_07128	NON_SYNONYMOUS_CODING	Ionotropic glutamate receptor
#Ca_Kabuli_SNP119	Ca_Kabuli_LG01	17404600	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP120	Ca_Kabuli_LG01	6433838	[C/T]	Ca_07907	SYNONYMOUS_CODING	NUDIX hydrolase domain
#Ca_Kabuli_SNP121	Ca_Kabuli_LG07	8848940	[A/C]	Ca_15327	INTRON	ATPase, P-type, H+ transporting proton pump
#Ca_Kabuli_SNP122	Ca_Kabuli_LG05	27000258	[G/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP123	Ca_Kabuli_LG01	5793815	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP124	Ca_Kabuli_LG04	8656635	[T/C]	Ca_08359	SYNONYMOUS_CODING	Protein of unknown function DUF594
#Ca_Kabuli_SNP125	Ca_Kabuli_LG04	8684220	[A/G]	Ca_08364	SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP126	Ca_Kabuli_LG01	6433934	[T/A]	Ca_07907	SYNONYMOUS_CODING	NUDIX hydrolase domain
#Ca_Kabuli_SNP127	Ca_Kabuli_LG04	8805839	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP128	Ca_Kabuli_LG08	14007360	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP129	Ca_Kabuli_LG05	32149981	[C/A]	Ca_04916	DOWNSTREAM:1362bases	Thioredoxin
#Ca_Kabuli_SNP130	scaffold270	33479	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP131	Ca_Kabuli_LG02	28897971	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP132	Ca_Kabuli_LG03	27105602	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP133	Ca_Kabuli_LG06	49044805	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP134	Ca_Kabuli_LG07	12492059	[A/G]	Ca_09267	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP135	scaffold585	108825	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP136	scaffold493	370559	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP137	Ca_Kabuli_LG04	8681949	[A/G]	Ca_08364	SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP138	Ca_Kabuli_LG01	6332153	[T/C]	Ca_07893	INTRON	Bromo adjacent homology (BAH) domain
#Ca_Kabuli_SNP139	Ca_Kabuli_LG04	615704	[C/T]	Ca_07692	SYNONYMOUS_CODING	HEAT, type 2
#Ca_Kabuli_SNP140	Ca_Kabuli_LG01	6332104	[G/A]	Ca_07893	INTRON	Bromo adjacent homology (BAH) domain
#Ca_Kabuli_SNP141	scaffold269	43170	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP142	Ca_Kabuli_LG04	37706496	[G/A]	Ca_15110	DOWNSTREAM:1728bases	Cytochrome c oxidase subunit II C-terminal
#Ca_Kabuli_SNP143	Ca_Kabuli_LG06	10395273	[T/G]	Ca_08553	INTRON	Small ubiquitin-related modifier, SUMO
#Ca_Kabuli_SNP144	scaffold307	215952	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP145	Ca_Kabuli_LG07	14782508	[A/C]	Ca_09968	NON_SYNONYMOUS_CODING	Heat shock protein DnaJ, N-terminal
#Ca_Kabuli_SNP146	Ca_Kabuli_LG01	13680008	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP147	Ca_Kabuli_LG02	7616806	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP148	Ca_Kabuli_LG06	16463615	[T/G]	Ca_19650	DOWNSTREAM:1296bases	Membrane insertion protein, OxaA/YidC
#Ca_Kabuli_SNP149	Ca_Kabuli_LG01	5249868	[A/G]	Ca_00613	NON_SYNONYMOUS_CODING	Protein of unknown function DUF584
#Ca_Kabuli_SNP150	Ca_Kabuli_LG04	5647745	[T/G]	Ca_03685	SYNONYMOUS_CODING	Kinesin, motor domain
#Ca_Kabuli_SNP151	Ca_Kabuli_LG04	38358096	[G/T]	Ca_13120	NON_SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP152	scaffold1579	199119	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP153	Ca_Kabuli_LG04	48360127	[C/G]	Ca_10751	DOWNSTREAM:1295bases	Exonuclease



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP154	Ca_Kabuli_LG02	31534265	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP155	scaffold894	62751	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP156	Ca_Kabuli_LG04	10430617	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP157	Ca_Kabuli_LG05	19886396	[A/C]	Ca_22815	SYNONYMOUS_CODING	Vps16, C-terminal
#Ca_Kabuli_SNP158	scaffold402	300957	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP159	Ca_Kabuli_LG04	48382603	[T/C]	Ca_10748	SYNONYMOUS_CODING	AUX/IAA protein
#Ca_Kabuli_SNP160	Ca_Kabuli_LG03	31091960	[T/G]	Ca_12206	NON_SYNONYMOUS_CODING	Histone H1/H5
#Ca_Kabuli_SNP161	Ca_Kabuli_LG01	824	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP162	Ca_Kabuli_LG03	2461959	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP163	Ca_Kabuli_LG06	16715751	[A/C]	Ca_06303	NON_SYNONYMOUS_CODING	DNA mismatch repair protein MutS, C-terminal domain
#Ca_Kabuli_SNP164	Ca_Kabuli_LG04	23634799	[A/C]	Ca_14434	NON_SYNONYMOUS_CODING	Glycosyl transferase, group 1
#Ca_Kabuli_SNP165	Ca_Kabuli_LG01	3349259	[C/G]	Ca_00404	DOWNSTREAM:561bases	Xanthine/uracil/vitamin C permease
#Ca_Kabuli_SNP166	Ca_Kabuli_LG04	11246164	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP167	Ca_Kabuli_LG03	22225139	[G/T]	Ca_20408	SYNONYMOUS_CODING	Plastocyanin-like
#Ca_Kabuli_SNP168	Ca_Kabuli_LG04	12525328	[G/A]	Ca_04475	SYNONYMOUS_CODING	Cytochrome b561, eukaryote
#Ca_Kabuli_SNP169	Ca_Kabuli_LG07	10223034	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP170	scaffold1461	71580	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP171	scaffold3055	13169	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP172	Ca_Kabuli_LG04	30258595	[A/G]	Ca_14190	DOWNSTREAM:1281bases	Zinc finger, CCCH-type
#Ca_Kabuli_SNP173	scaffold1245	625388	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP174	Ca_Kabuli_LG03	5224976	[A/G]	Ca_23868	NON_SYNONYMOUS_CODING	Per1-like
#Ca_Kabuli_SNP175	Ca_Kabuli_LG06	19478546	[G/C]	Ca_06554	NON_SYNONYMOUS_CODING	NusB/RsmB/TIM44
#Ca_Kabuli_SNP176	Ca_Kabuli_LG06	57533116	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP177	Ca_Kabuli_LG06	11302033	[T/C]	Ca_20493	NON_SYNONYMOUS_CODING	Signal recognition particle, SRP72 subunit, RNA-binding
#Ca_Kabuli_SNP178	Ca_Kabuli_LG04	12506450	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP179	Ca_Kabuli_LG04	23195429	[G/T]	Ca_14451	INTRON	Helicase, C-terminal
#Ca_Kabuli_SNP180	Ca_Kabuli_LG03	37316816	[T/C]	Ca_01065	DOWNSTREAM:1847bases	Zinc finger, Sec23/Sec24-type
#Ca_Kabuli_SNP181	Ca_Kabuli_LG05	33754236	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP182	Ca_Kabuli_LG05	40710814	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP183	Ca_Kabuli_LG04	43676592	[A/C]	Ca_09052	SYNONYMOUS_CODING	Leucine-rich repeat
#Ca_Kabuli_SNP184	Ca_Kabuli_LG04	48678296	[T/C]	Ca_23018	SYNONYMOUS_CODING	Transcription factor IIS, N-terminal

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP185	Ca_Kabuli_LG06	8091218	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP186	Ca_Kabuli_LG04	12558541	[C/T]	Ca_04478	INTRON	NUDIX hydrolase domain
#Ca_Kabuli_SNP187	Ca_Kabuli_LG02	33399393	[C/T]	Ca_10186	NON_SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP188	Ca_Kabuli_LG02	33399397	[C/A]	Ca_10186	NON_SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP189	Ca_Kabuli_LG02	33399381	[C/T]	Ca_10186	SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP190	scaffold764	11115	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP191	Ca_Kabuli_LG04	13588928	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP192	Ca_Kabuli_LG02	5451165	[A/C]	Ca_14662	SYNONYMOUS_CODING	Cytochrome c1
#Ca_Kabuli_SNP193	Ca_Kabuli_LG05	38180987	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP194	scaffold1714	3936	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP195	scaffold168	404479	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP196	Ca_Kabuli_LG04	3990334	[G/A]	Ca_03854	SYNONYMOUS_CODING	Major intrinsic protein
#Ca_Kabuli_SNP197	Ca_Kabuli_LG02	30091161	[A/C]	Ca_16081	SYNONYMOUS_CODING	Peptidase S8/S53, subtilisin/kexin/sedolisin
#Ca_Kabuli_SNP198	scaffold932	228459	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP199	Ca_Kabuli_LG04	13687456	[A/G]	Ca_04589	INTRON	Frigida-like
#Ca_Kabuli_SNP200	Ca_Kabuli_LG04	13840484	[C/T]	Ca_04608	SYNONYMOUS_CODING	Copper amine oxidase
#Ca_Kabuli_SNP201	Ca_Kabuli_LG04	13726718	[T/G]	Ca_04596	SYNONYMOUS_CODING	Zinc finger, PHD-type
#Ca_Kabuli_SNP202	Ca_Kabuli_LG07	33099299	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP203	Ca_Kabuli_LG03	36046937	[A/C]	Ca_00903	NON_SYNONYMOUS_CODING	SWAP/Surp
#Ca_Kabuli_SNP204	Ca_Kabuli_LG04	13840191	[A/T]	Ca_04608	SYNONYMOUS_CODING	Copper amine oxidase
#Ca_Kabuli_SNP205	Ca_Kabuli_LG01	9705127	[C/T]	Ca_02826	DOWNSTREAM:1556bases	Nicotinamide N-methyltransferase, putative
#Ca_Kabuli_SNP206	Ca_Kabuli_LG04	3888185	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP207	Ca_Kabuli_LG04	30131105	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP208	Ca_Kabuli_LG06	23010554	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP209	Ca_Kabuli_LG03	7204087	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP210	Ca_Kabuli_LG04	19056752	[A/C]	Ca_14006	SYNONYMOUS_CODING	Lipase, class 3
#Ca_Kabuli_SNP211	Ca_Kabuli_LG04	12581371	[G/T]	Ca_04480	SYNONYMOUS_CODING	DNA mismatch repair protein MutS, C-terminal domain
#Ca_Kabuli_SNP212	Ca_Kabuli_LG04	35328213	[C/T]	Ca_20018	SYNONYMOUS_CODING	IQ motif, EF-hand binding site
#Ca_Kabuli_SNP213	Ca_Kabuli_LG01	2885997	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP214	Ca_Kabuli_LG07	10649622	[C/A]	Ca_12822	NON_SYNONYMOUS_CODING	Dynammin central domain
#Ca_Kabuli_SNP215	Ca_Kabuli_LG02	23217524	[A/C]	Ca_14970	SYNONYMOUS_CODING	Protein kinase, catalytic domain

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP216	Ca_Kabuli_LG01	2072627	[A/T]	Ca_00263	NON_SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP217	Ca_Kabuli_LG07	3070531	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP218	scaffold470	78864	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP219	Ca_Kabuli_LG05	30811243	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP220	Ca_Kabuli_LG06	18938492	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP221	scaffold1223	133489	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP222	Ca_Kabuli_LG04	3290298	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP223	Ca_Kabuli_LG08	6477772	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP224	Ca_Kabuli_LG02	26121519	[T/G]	Ca_14315	DOWNSTREAM:1871bases	NAD-dependent epimerase/dehydratase
#Ca_Kabuli_SNP225	scaffold6212	402	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP226	scaffold586	90407	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP227	Ca_Kabuli_LG04	15926160	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP228	scaffold402	404045	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP229	Ca_Kabuli_LG02	24048087	[A/C]	Ca_21673	INTRON	PUCc protein
#Ca_Kabuli_SNP230	Ca_Kabuli_LG01	2306323	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP231	Ca_Kabuli_LG01	2306340	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP232	Ca_Kabuli_LG01	2252270	[C/T]	Ca_00281	INTRON	Zinc finger, RING-type
#Ca_Kabuli_SNP233	Ca_Kabuli_LG04	6411039	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP234	Ca_Kabuli_LG01	2290092	[A/G]	Ca_00287	INTRON	--
#Ca_Kabuli_SNP235	Ca_Kabuli_LG07	40340134	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP236	Ca_Kabuli_LG01	2883201	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP237	scaffold31	1052918	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP238	Ca_Kabuli_LG05	27000259	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP239	Ca_Kabuli_LG05	31192391	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP240	Ca_Kabuli_LG01	35260260	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP241	Ca_Kabuli_LG07	28931222	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP242	Ca_Kabuli_LG04	17275870	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP243	Ca_Kabuli_LG04	16782993	[C/A]	Ca_05447	INTRON	Clathrin adaptor, mu subunit, C-terminal
#Ca_Kabuli_SNP244	Ca_Kabuli_LG01	2305786	[A/T]	Ca_00288	SYNONYMOUS_CODING	Ribonuclease Zc3h12a-like
#Ca_Kabuli_SNP245	Ca_Kabuli_LG01	2313615	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP246	Ca_Kabuli_LG04	36831273	[C/T]	Ca_14805	SYNONYMOUS_CODING	--

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP247	scaffold29	541373	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP248	Ca_Kabuli_LG01	777273	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP249	Ca_Kabuli_LG04	20161601	[A/G]	Ca_17138	SYNONYMOUS_CODING	BTB/POZ-like
#Ca_Kabuli_SNP250	Ca_Kabuli_LG08	7563373	[T/A]	Ca_10631	DOWNSTREAM:1984bases	Kinesin, motor domain
#Ca_Kabuli_SNP251	Ca_Kabuli_LG04	3429035	[G/A]	Ca_12144	INTRON	Castor/Pollux ion channel
#Ca_Kabuli_SNP252	Ca_Kabuli_LG06	21238138	[A/C]	Ca_19881	DOWNSTREAM:1730bases	Protein kinase, catalytic domain
#Ca_Kabuli_SNP253	Ca_Kabuli_LG04	22860656	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP254	Ca_Kabuli_LG01	2473309	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP255	scaffold703	492398	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP256	Ca_Kabuli_LG01	2305477	[C/T]	Ca_00288	SYNONYMOUS_CODING	Ribonuclease Zc3h12a-like
#Ca_Kabuli_SNP257	Ca_Kabuli_LG01	23149096	[A/G]	Ca_22359	NON_SYNONYMOUS_CODING	Initiation factor 2B-related
#Ca_Kabuli_SNP258	Ca_Kabuli_LG04	646567	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP259	Ca_Kabuli_LG03	17056557	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP260	Ca_Kabuli_LG01	2305246	[T/G]	Ca_00288	INTRON	Ribonuclease Zc3h12a-like
#Ca_Kabuli_SNP261	Ca_Kabuli_LG01	2305216	[T/A]	Ca_00288	INTRON	Ribonuclease Zc3h12a-like
#Ca_Kabuli_SNP262	Ca_Kabuli_LG01	750693	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP263	Ca_Kabuli_LG03	31790393	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP264	Ca_Kabuli_LG01	2439971	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP265	Ca_Kabuli_LG01	2439915	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP266	Ca_Kabuli_LG01	2439970	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP267	Ca_Kabuli_LG01	2439917	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP268	Ca_Kabuli_LG01	2439972	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP269	Ca_Kabuli_LG03	39839997	[G/T]	Ca_01370	INTRON	ATPase, P-type, H <sup>+</sup> transporting proton pump
#Ca_Kabuli_SNP270	Ca_Kabuli_LG06	24498895	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP271	Ca_Kabuli_LG04	37688124	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP272	Ca_Kabuli_LG04	37293773	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP273	Ca_Kabuli_LG01	2306002	[G/A]	Ca_00288	SYNONYMOUS_CODING	Ribonuclease Zc3h12a-like
#Ca_Kabuli_SNP274	Ca_Kabuli_LG01	2373480	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP275	Ca_Kabuli_LG06	17027023	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP276	Ca_Kabuli_LG05	235820	[T/G]	Ca_18178	SYNONYMOUS_CODING	Protein of unknown function DUF647
#Ca_Kabuli_SNP277	Ca_Kabuli_LG03	31357732	[G/C]	Ca_12235	DOWNSTREAM:1713bases	Cystathionine beta-synthase, core

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP278	Ca_Kabuli_LG02	21159158	[A/T]	Ca_24622	DOWNSTREAM:730bases	--
#Ca_Kabuli_SNP279	Ca_Kabuli_LG03	18110539	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP280	scaffold31	1052983	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP281	Ca_Kabuli_LG01	2042071	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP282	Ca_Kabuli_LG04	42001659	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP283	Ca_Kabuli_LG04	38179583	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP284	Ca_Kabuli_LG01	40339065	[T/C]	Ca_13893	INTRON	Tetratricopeptide, MLP1/MLP2-like
#Ca_Kabuli_SNP285	Ca_Kabuli_LG01	2082760	[C/G]	Ca_00265	INTRON	Protein of unknown function DUF707
#Ca_Kabuli_SNP286	Ca_Kabuli_LG01	2053830	[A/G]	Ca_00260	SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP287	Ca_Kabuli_LG07	26149441	[A/C]	Ca_23640	INTRON	IQ motif, EF-hand binding site
#Ca_Kabuli_SNP288	Ca_Kabuli_LG01	37892139	[T/A]	Ca_23539	DOWNSTREAM:1382bases	Zinc finger, PHD-type
#Ca_Kabuli_SNP289	Ca_Kabuli_LG01	2041027	[C/G]	Ca_00257	DOWNSTREAM:1290bases	--
#Ca_Kabuli_SNP290	Ca_Kabuli_LG01	2252473	[G/A]	Ca_00281	INTRON	Zinc finger, RING-type
#Ca_Kabuli_SNP291	Ca_Kabuli_LG03	30141557	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP292	Ca_Kabuli_LG07	1120977	[A/C]	Ca_03363	SYNONYMOUS_CODING	Armadillo
#Ca_Kabuli_SNP293	Ca_Kabuli_LG06	17369736	[A/C]	Ca_06352	SYNONYMOUS_CODING	Transcriptional factor B3
#Ca_Kabuli_SNP294	Ca_Kabuli_LG01	2083003	[G/C]	Ca_00265	INTRON	Protein of unknown function DUF707
#Ca_Kabuli_SNP295	Ca_Kabuli_LG04	17913731	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP296	Ca_Kabuli_LG01	35260396	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP297	Ca_Kabuli_LG01	35260363	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP298	Ca_Kabuli_LG01	2044359	[C/T]	Ca_00259	DOWNSTREAM:1791bases	SCAMP
#Ca_Kabuli_SNP299	scaffold1729	33413	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP300	scaffold402	390787	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP301	Ca_Kabuli_LG05	39869389	[A/C]	Ca_07512	SYNONYMOUS_CODING	Xanthine/uracil/vitamin C permease
#Ca_Kabuli_SNP302	scaffold1419	535	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP303	scaffold121	99116	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP304	Ca_Kabuli_LG02	8802121	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP305	Ca_Kabuli_LG04	4097989	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP306	Ca_Kabuli_LG01	43543945	[A/C]	Ca_13568	SYNONYMOUS_CODING	Translation elongation factor EFG/EF2, C-terminal
#Ca_Kabuli_SNP307	scaffold832	33582	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP308	scaffold307	215949	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP309	Ca_Kabuli_LG01	1528325	[A/G]	Ca_00185	INTRON	Inorganic pyrophosphatase
#Ca_Kabuli_SNP310	Ca_Kabuli_LG04	44906255	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP311	Ca_Kabuli_LG02	30928725	[A/G]	Ca_12470	INTRON	Clathrin, heavy chain/VPS, 7-fold repeat
#Ca_Kabuli_SNP312	Ca_Kabuli_LG04	42246458	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP313	scaffold31	1052920	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP314	Ca_Kabuli_LG03	26322681	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP315	Ca_Kabuli_LG08	875236	[T/G]	Ca_11831	INTRON	Peptidase M16, C-terminal
#Ca_Kabuli_SNP316	Ca_Kabuli_LG01	2075015	[A/G]	Ca_00263	DOWNSTREAM:1039bases	Disease resistance protein
#Ca_Kabuli_SNP317	Ca_Kabuli_LG01	6268630	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP318	Ca_Kabuli_LG04	3427522	[G/T]	Ca_12144	INTRON	Castor/Pollux ion channel
#Ca_Kabuli_SNP319	Ca_Kabuli_LG01	6296986	[A/C]	Ca_07890	INTRON	Uncharacterised protein family UPF0497, trans-membrane p
#Ca_Kabuli_SNP320	Ca_Kabuli_LG02	25249615	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP321	Ca_Kabuli_LG03	27633010	[T/A]	Ca_08144	INTRON	Myb, DNA-binding
#Ca_Kabuli_SNP322	Ca_Kabuli_LG01	6257582	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP323	Ca_Kabuli_LG04	4245016	[G/C]	Ca_03833	SYNONYMOUS_CODING	Lipid-binding START
#Ca_Kabuli_SNP324	Ca_Kabuli_LG01	6224010	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP325	Ca_Kabuli_LG01	6224015	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP326	Ca_Kabuli_LG07	33912902	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP327	Ca_Kabuli_LG07	30691318	[A/C]	Ca_23327	NON_SYNONYMOUS_CODING	Crotonase, core
#Ca_Kabuli_SNP328	Ca_Kabuli_LG01	6435499	[C/T]	Ca_07907	INTRON	NUDIX hydrolase domain
#Ca_Kabuli_SNP329	Ca_Kabuli_LG08	11332970	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP330	scaffold35	39438	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP331	Ca_Kabuli_LG01	6391016	[A/G]	Ca_07902	SYNONYMOUS_CODING	Smr protein/MutS2 C-terminal
#Ca_Kabuli_SNP332	Ca_Kabuli_LG02	19901593	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP333	Ca_Kabuli_LG01	6437643	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP334	Ca_Kabuli_LG01	6315397	[G/C]	Ca_07892	INTRON	Zinc finger, ZZ-type
#Ca_Kabuli_SNP335	Ca_Kabuli_LG01	6433592	[G/T]	Ca_07907	DOWNSTREAM:177bases	NUDIX hydrolase domain
#Ca_Kabuli_SNP336	Ca_Kabuli_LG01	6435331	[T/C]	Ca_07907	INTRON	NUDIX hydrolase domain
#Ca_Kabuli_SNP337	Ca_Kabuli_LG01	6435319	[T/C]	Ca_07907	INTRON	NUDIX hydrolase domain
#Ca_Kabuli_SNP338	Ca_Kabuli_LG05	9127099	[A/C]	Ca_19964	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP339	Ca_Kabuli_LG08	9383023	[C/A]	Ca_11559	NON_SYNONYMOUS_CODING	Initiation factor 2B-related

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP340	Ca_Kabuli_LG05	28721383	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP341	Ca_Kabuli_LG01	6329847	[G/A]	Ca_07893	SYNONYMOUS_CODING	Bromo adjacent homology (BAH) domain
#Ca_Kabuli_SNP342	Ca_Kabuli_LG01	6257712	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP343	Ca_Kabuli_LG05	26999390	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP344	Ca_Kabuli_LG01	41437430	[A/C]	Ca_23118	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP345	Ca_Kabuli_LG02	36046593	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP346	Ca_Kabuli_LG07	33762053	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP347	Ca_Kabuli_LG01	9097885	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP348	Ca_Kabuli_LG05	29437146	[G/T]	Ca_16634	DOWNSTREAM:1059bases	Integrase, catalytic core
#Ca_Kabuli_SNP349	Ca_Kabuli_LG02	35441180	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP350	Ca_Kabuli_LG05	37207850	[T/C]	Ca_01496	NON_SYNONYMOUS_CODING	Peptidase C19, ubiquitin carboxyl-terminal hydrolase 2
#Ca_Kabuli_SNP351	Ca_Kabuli_LG02	32096192	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP352	Ca_Kabuli_LG07	33912899	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP353	Ca_Kabuli_LG01	37732150	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP354	Ca_Kabuli_LG05	27555713	[A/G]	Ca_08899	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP355	Ca_Kabuli_LG01	10715409	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP356	Ca_Kabuli_LG01	9097878	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP357	Ca_Kabuli_LG01	37862342	[A/G]	Ca_23539	SYNONYMOUS_CODING	Zinc finger, PHD-type
#Ca_Kabuli_SNP358	Ca_Kabuli_LG01	37864681	[T/C]	Ca_23539	SYNONYMOUS_CODING	Zinc finger, PHD-type
#Ca_Kabuli_SNP359	scaffold35	39470	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP360	Ca_Kabuli_LG05	34244775	[A/T]	Ca_01824	INTRON	WD40 repeat
#Ca_Kabuli_SNP361	Ca_Kabuli_LG06	39382231	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP362	scaffold948	871634	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP363	Ca_Kabuli_LG06	13131578	[A/T]	Ca_05086	NON_SYNONYMOUS_CODING	Cyclic nucleotide-binding domain
#Ca_Kabuli_SNP364	scaffold948	1265638	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP365	Ca_Kabuli_LG05	22116961	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP366	scaffold617	26108	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP367	Ca_Kabuli_LG04	44472237	[T/G]	Ca_09120	NON_SYNONYMOUS_CODING	Protein of unknown function DUF1351
#Ca_Kabuli_SNP368	Ca_Kabuli_LG05	43790694	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP369	scaffold7122	6261	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP370	scaffold5127	9558	[G/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP371	Ca_Kabuli_LG01	31535331	[A/G]	Ca_21865	INTRON	Peptidase S49
#Ca_Kabuli_SNP372	Ca_Kabuli_LG04	44832121	[C/T]	Ca_09147	DOWNSTREAM:1635bases	Dilute
#Ca_Kabuli_SNP373	Ca_Kabuli_LG03	21687959	[C/T]	Ca_09523	NON_SYNONYMOUS_CODING	Aminoacyl-tRNA synthetase, class II (D/K/N)
#Ca_Kabuli_SNP374	Ca_Kabuli_LG04	28246771	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP375	Ca_Kabuli_LG02	36323606	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP376	Ca_Kabuli_LG06	23478806	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP377	Ca_Kabuli_LG05	24090523	[G/T]	Ca_17656	DOWNSTREAM:808bases	Protein of unknown function DUF3437
#Ca_Kabuli_SNP378	Ca_Kabuli_LG04	44824105	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP379	Ca_Kabuli_LG06	27710496	[T/G]	Ca_14588	NON_SYNONYMOUS_CODING	Preprotein translocase Sec, Sec61-beta subunit
#Ca_Kabuli_SNP380	Ca_Kabuli_LG02	22104801	[C/T]	Ca_15010	DOWNSTREAM:1358bases	Transposase, Ptta/En/Spm, plant
#Ca_Kabuli_SNP381	Ca_Kabuli_LG04	36537074	[A/T]	Ca_14825	NON_SYNONYMOUS_CODING	Transcriptional factor B3
#Ca_Kabuli_SNP382	Ca_Kabuli_LG05	7467768	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP383	Ca_Kabuli_LG04	45035589	[A/G]	Ca_09166	DOWNSTREAM:1090bases	Zinc/iron permease
#Ca_Kabuli_SNP384	Ca_Kabuli_LG04	40805740	[T/G]	Ca_23902	NON_SYNONYMOUS_CODING	DNA-directed DNA polymerase, family A, palm domain
#Ca_Kabuli_SNP385	Ca_Kabuli_LG08	4172368	[A/C]	Ca_02150	SYNONYMOUS_CODING	Forkhead-associated (FHA) domain
#Ca_Kabuli_SNP386	Ca_Kabuli_LG07	7756487	[A/C]	Ca_13243	SYNONYMOUS_CODING	SNF2-related
#Ca_Kabuli_SNP387	Ca_Kabuli_LG05	7775298	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP388	Ca_Kabuli_LG04	2032773	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP389	Ca_Kabuli_LG02	23910254	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP390	Ca_Kabuli_LG07	16936139	[T/A]	Ca_15885	NON_SYNONYMOUS_CODING	H/ACA ribonucleoprotein complex, subunit Nop10
#Ca_Kabuli_SNP391	Ca_Kabuli_LG04	45152327	[T/A]	Ca_09178	SYNONYMOUS_CODING	Histone deacetylase superfamily
#Ca_Kabuli_SNP392	Ca_Kabuli_LG07	10649594	[A/T]	Ca_12822	NON_SYNONYMOUS_CODING	Dynamin central domain
#Ca_Kabuli_SNP393	Ca_Kabuli_LG04	45204033	[C/T]	Ca_09182	INTRON	Cation/H+ exchanger
#Ca_Kabuli_SNP394	Ca_Kabuli_LG04	39086269	[C/T]	Ca_13074	DOWNSTREAM:904bases	Cyclic nucleotide-binding domain
#Ca_Kabuli_SNP395	scaffold1997	101448	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP396	Ca_Kabuli_LG07	16936124	[A/C]	Ca_15885	NON_SYNONYMOUS_CODING	H/ACA ribonucleoprotein complex, subunit Nop10
#Ca_Kabuli_SNP397	Ca_Kabuli_LG04	36977253	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP398	Ca_Kabuli_LG04	37316713	[T/A]	Ca_15144	NON_SYNONYMOUS_CODING	Zinc finger, RING-type
#Ca_Kabuli_SNP399	Ca_Kabuli_LG04	38756510	[A/G]	Ca_13097	NON_SYNONYMOUS_CODING	Auxin efflux carrier
#Ca_Kabuli_SNP400	Ca_Kabuli_LG04	38008205	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP401	Ca_Kabuli_LG04	37630404	[G/T]		INTERGENIC	



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#Ca_Kabuli_SNP402	scaffold99	213404	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP403	scaffold637	11776	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP404	scaffold99	100228	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP405	Ca_Kabuli_LG06	5396888	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP406	Ca_Kabuli_LG04	14132752	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP407	scaffold29	520311	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP408	Ca_Kabuli_LG04	32853838	[T/C]	Ca_15495	INTRON	DNA topoisomerase I, C-terminal
#Ca_Kabuli_SNP409	scaffold1997	82417	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP410	Ca_Kabuli_LG04	30668893	[C/T]	Ca_14210	DOWNSTREAM:530bases	CARP motif
#Ca_Kabuli_SNP411	Ca_Kabuli_LG07	16881	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP412	scaffold240	54627	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP413	Ca_Kabuli_LG04	31224001	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP414	scaffold1023	74434	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP415	Ca_Kabuli_LG06	9341277	[T/C]	Ca_08666	SYNONYMOUS_CODING	AIG1
#Ca_Kabuli_SNP416	Ca_Kabuli_LG02	24511121	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP417	Ca_Kabuli_LG08	3499013	[G/A]	Ca_02229	INTRON	Ras GTPase
#Ca_Kabuli_SNP418	Ca_Kabuli_LG01	11277884	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP419	Ca_Kabuli_LG04	37806689	[A/G]	Ca_15095	DOWNSTREAM:399bases	NUDIX hydrolase domain
#Ca_Kabuli_SNP420	Ca_Kabuli_LG04	38039289	[C/G]	Ca_13141	INTRON	Protein of unknown function DUF3326
#Ca_Kabuli_SNP421	Ca_Kabuli_LG04	16926515	[T/A]	Ca_05430	SYNONYMOUS_CODING	Zinc finger, C2H2-type
#Ca_Kabuli_SNP422	Ca_Kabuli_LG04	38194159	[A/G]	Ca_13134	SYNONYMOUS_CODING	Domain of unknown function DUF250
#Ca_Kabuli_SNP423	Ca_Kabuli_LG04	38289052	[A/C]	Ca_13128	NON_SYNONYMOUS_CODING	Protein of unknown function DUF869, plant
#Ca_Kabuli_SNP424	Ca_Kabuli_LG04	37349212	[A/G]	Ca_15141	SYNONYMOUS_CODING	Methyltransferase TRM13
#Ca_Kabuli_SNP425	Ca_Kabuli_LG04	33276089	[A/C]	Ca_24020	DOWNSTREAM:433bases	Putative esterase
#Ca_Kabuli_SNP426	Ca_Kabuli_LG04	39033838	[G/C]	Ca_13078	INTRON	RNA recognition motif domain
#Ca_Kabuli_SNP427	Ca_Kabuli_LG04	30334005	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP428	Ca_Kabuli_LG07	1293601	[T/A]	Ca_03339	SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP429	scaffold256	441609	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP430	Ca_Kabuli_LG04	20905105	[A/G]	Ca_19045	INTRON	Serine/threonine dehydratase, pyridoxal-phosphate-binding s
#Ca_Kabuli_SNP431	Ca_Kabuli_LG04	18171522	[G/T]	Ca_18655	SYNONYMOUS_CODING	Domain of unknown function DUF1115
#Ca_Kabuli_SNP432	Ca_Kabuli_LG04	15934607	[G/C]	Ca_05513	INTRON	Beta-lactamase-like

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP433	Ca_Kabuli_LG02	27056855	[G/A]	Ca_15636	SYNONYMOUS_CODING	DNA topoisomerase I, C-terminal
#Ca_Kabuli_SNP434	Ca_Kabuli_LG04	16046928	[A/G]	Ca_05504	NON_SYNONYMOUS_CODING	Glutamyl/glutaminyl-tRNA synthetase, class Ic
#Ca_Kabuli_SNP435	Ca_Kabuli_LG04	16149998	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP436	Ca_Kabuli_LG04	15957070	[G/T]	Ca_05511	DOWNSTREAM:28bases	Zinc finger, C2H2-type
#Ca_Kabuli_SNP437	Ca_Kabuli_LG07	122600	[G/A]	Ca_20232	SYNONYMOUS_CODING	Myosin II heavy chain-like
#Ca_Kabuli_SNP438	scaffold1830	37063	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP439	Ca_Kabuli_LG04	44814982	[G/T]	Ca_09146	INTRON	IQ motif, EF-hand binding site
#Ca_Kabuli_SNP440	Ca_Kabuli_LG07	29190643	[G/A]	Ca_11786	NON_SYNONYMOUS_CODING	Glutamyl/glutaminyl-tRNA synthetase, class Ic
#Ca_Kabuli_SNP441	Ca_Kabuli_LG07	3521257	[T/C]	Ca_03116	INTRON	Synaptojanin, N-terminal
#Ca_Kabuli_SNP442	Ca_Kabuli_LG04	45104767	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP443	Ca_Kabuli_LG04	45022634	[T/G]	Ca_09165	INTRON	Mrp, conserved site
#Ca_Kabuli_SNP444	Ca_Kabuli_LG04	45220916	[A/C]	Ca_09184	NON_SYNONYMOUS_CODING	K Homology
#Ca_Kabuli_SNP445	Ca_Kabuli_LG07	5467645	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP446	Ca_Kabuli_LG07	5560122	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP447	Ca_Kabuli_LG07	6069979	[G/T]	Ca_06752	INTRON	Phox/Bem1p
#Ca_Kabuli_SNP448	Ca_Kabuli_LG07	5678992	[C/G]	Ca_06789	INTRON	RNA polymerase I specific transcription initiation factor RRN3
#Ca_Kabuli_SNP449	Ca_Kabuli_LG07	6110019	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP450	Ca_Kabuli_LG07	5406524	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP451	Ca_Kabuli_LG07	5802607	[A/T]	Ca_06778	SYNONYMOUS_CODING	RNA recognition motif domain
#Ca_Kabuli_SNP452	Ca_Kabuli_LG07	5504454	[A/G]	Ca_06816	INTRON	SNF2-related
#Ca_Kabuli_SNP453	Ca_Kabuli_LG07	5846477	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP454	Ca_Kabuli_LG04	45136480	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP455	Ca_Kabuli_LG07	5554841	[A/C]	Ca_06808	SYNONYMOUS_CODING	Inosine/uridine-preferring nucleoside hydrolase domain
#Ca_Kabuli_SNP456	Ca_Kabuli_LG07	5554807	[G/C]	Ca_06808	SYNONYMOUS_CODING	Inosine/uridine-preferring nucleoside hydrolase domain
#Ca_Kabuli_SNP457	Ca_Kabuli_LG07	5466193	[G/A]	Ca_06821	DOWNSTREAM:1109bases	Uncharacterised protein family UPF0497, trans-membrane p
#Ca_Kabuli_SNP458	Ca_Kabuli_LG07	5957696	[T/G]	Ca_06761	INTRON	Ribonuclease III
#Ca_Kabuli_SNP459	Ca_Kabuli_LG07	5467744	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP460	Ca_Kabuli_LG07	5631304	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP461	Ca_Kabuli_LG07	6096238	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP462	Ca_Kabuli_LG07	5577258	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP463	Ca_Kabuli_LG04	44803694	[C/T]	Ca_09145	INTRON	Phosphoribosyltransferase C-terminal

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP464	Ca_Kabuli_LG07	5383671	[T/C]	Ca_06832	DOWNSTREAM:1039bases	Pentatricopeptide repeat
#Ca_Kabuli_SNP465	Ca_Kabuli_LG07	5383767	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP466	Ca_Kabuli_LG04	44871469	[A/C]	Ca_09151	SYNONYMOUS_CODING	Methyltransferase type 12
#Ca_Kabuli_SNP467	Ca_Kabuli_LG04	44871398	[G/T]	Ca_09151	NON_SYNONYMOUS_CODING	Methyltransferase type 12
#Ca_Kabuli_SNP468	Ca_Kabuli_LG04	44431501	[C/G]	Ca_09114	INTRON	Peptidase C19, ubiquitin carboxyl-terminal hydrolase 2
#Ca_Kabuli_SNP469	Ca_Kabuli_LG07	5836421	[T/G]	Ca_06776	DOWNSTREAM:240bases	Protein of unknown function DUF1749
#Ca_Kabuli_SNP470	Ca_Kabuli_LG07	5713977	[T/G]	Ca_06787	DOWNSTREAM:1043bases	Copper amine oxidase
#Ca_Kabuli_SNP471	Ca_Kabuli_LG07	5529888	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP472	Ca_Kabuli_LG07	5951374	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP473	Ca_Kabuli_LG07	4625723	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP474	Ca_Kabuli_LG07	4884236	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP475	scaffold673	97310	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP476	Ca_Kabuli_LG07	5714130	[A/T]	Ca_06787	DOWNSTREAM:1196bases	Copper amine oxidase
#Ca_Kabuli_SNP477	Ca_Kabuli_LG07	7462028	[C/T]	Ca_06613	SYNONYMOUS_CODING	Histone deacetylase superfamily
#Ca_Kabuli_SNP478	Ca_Kabuli_LG07	5774329	[T/G]	Ca_06781	INTRON	Dienelactone hydrolase
#Ca_Kabuli_SNP479	Ca_Kabuli_LG07	5774325	[A/T]	Ca_06781	INTRON	Dienelactone hydrolase
#Ca_Kabuli_SNP480	Ca_Kabuli_LG07	5774328	[G/A]	Ca_06781	INTRON	Dienelactone hydrolase
#Ca_Kabuli_SNP481	Ca_Kabuli_LG07	5774327	[T/C]	Ca_06781	INTRON	Dienelactone hydrolase
#Ca_Kabuli_SNP482	Ca_Kabuli_LG07	5537851	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP483	Ca_Kabuli_LG07	5537880	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP484	Ca_Kabuli_LG07	5577321	[G/T]	Ca_06805	SYNONYMOUS_CODING	F-box domain, cyclin-like
#Ca_Kabuli_SNP485	Ca_Kabuli_LG07	5672156	[A/G]	Ca_06790	DOWNSTREAM:1284bases	F-box domain, cyclin-like
#Ca_Kabuli_SNP486	Ca_Kabuli_LG04	23195447	[G/T]	Ca_14451	INTRON	Helicase, C-terminal
#Ca_Kabuli_SNP487	Ca_Kabuli_LG07	5521659	[A/T]	Ca_06814	SYNONYMOUS_CODING	Heat shock protein DnaJ, N-terminal
#Ca_Kabuli_SNP488	Ca_Kabuli_LG07	5756269	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP489	Ca_Kabuli_LG07	5383695	[C/G]	Ca_06832	DOWNSTREAM:1015bases	Pentatricopeptide repeat
#Ca_Kabuli_SNP490	Ca_Kabuli_LG07	5946536	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP491	Ca_Kabuli_LG07	5950352	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP492	Ca_Kabuli_LG04	39033052	[G/A]	Ca_13078	INTRON	RNA recognition motif domain
#Ca_Kabuli_SNP493	Ca_Kabuli_LG07	5854575	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP494	Ca_Kabuli_LG07	5854598	[T/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP495	Ca_Kabuli_LG07	5854576	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP496	Ca_Kabuli_LG07	5854578	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP497	Ca_Kabuli_LG07	5854577	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP498	scaffold6688	1267	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP499	Ca_Kabuli_LG07	7146159	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP500	Ca_Kabuli_LG07	6108535	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP501	Ca_Kabuli_LG07	6540624	[C/T]	Ca_06700	INTRON	Rap1-interacting factor 1 N-terminal
#Ca_Kabuli_SNP502	Ca_Kabuli_LG06	5497983	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP503	Ca_Kabuli_LG03	36282094	[C/T]	Ca_00938	NON_SYNONYMOUS_CODING	Domain of unknown function DUF255
#Ca_Kabuli_SNP504	Ca_Kabuli_LG07	5730386	[A/G]	Ca_06785	DOWNSTREAM:1624bases	Alpha/beta hydrolase fold-1
#Ca_Kabuli_SNP505	scaffold666	42329	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP506	Ca_Kabuli_LG04	30599220	[T/C]	Ca_14208	DOWNSTREAM:1983bases	Protein of unknown function DUF773
#Ca_Kabuli_SNP507	Ca_Kabuli_LG03	19978334	[G/C]	Ca_09399	NON_SYNONYMOUS_CODING	Ammonium transporter
#Ca_Kabuli_SNP508	Ca_Kabuli_LG04	38979793	[G/T]	Ca_13081	INTRON	Folylpolylglutamate synthetase
#Ca_Kabuli_SNP509	Ca_Kabuli_LG04	36712806	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP510	Ca_Kabuli_LG04	41339625	[A/G]	Ca_10974	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP511	scaffold179	631375	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP512	Ca_Kabuli_LG03	11378540	[T/A]	Ca_19376	NON_SYNONYMOUS_CODING	ABC transporter, transmembrane domain
#Ca_Kabuli_SNP513	Ca_Kabuli_LG04	16278671	[G/A]	Ca_05487	SYNONYMOUS_CODING	Zinc finger, B-box
#Ca_Kabuli_SNP514	Ca_Kabuli_LG01	11669794	[G/T]	Ca_02583	SYNONYMOUS_CODING	Ankyrin repeat
#Ca_Kabuli_SNP515	Ca_Kabuli_LG07	10485397	[A/C]	Ca_12810	NON_SYNONYMOUS_CODING	Protein of unknown function DUF702
#Ca_Kabuli_SNP516	Ca_Kabuli_LG04	22289561	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP517	Ca_Kabuli_LG02	16563133	[T/G]	Ca_22041	INTRON	BSD
#Ca_Kabuli_SNP518	Ca_Kabuli_LG07	15013576	[T/C]	Ca_09953	INTRON	RNA helicase, ATP-dependent, DEAD-box, conserved site
#Ca_Kabuli_SNP519	scaffold894	133107	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP520	scaffold948	1265627	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP521	scaffold948	1072750	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP522	Ca_Kabuli_LG01	46717322	[C/T]	Ca_25108	INTRON	--
#Ca_Kabuli_SNP523	Ca_Kabuli_LG01	8824843	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP524	Ca_Kabuli_LG03	3701398	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP525	Ca_Kabuli_LG02	30954317	[T/G]	Ca_12469	INTRON	Clathrin, heavy chain/VPS, 7-fold repeat

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP526	Ca_Kabuli_LG01	10739567	[C/T]	Ca_02687	INTRON	Ribokinase
#Ca_Kabuli_SNP527	Ca_Kabuli_LG02	30925755	[G/A]	Ca_12470	INTRON	Clathrin, heavy chain/VPS, 7-fold repeat
#Ca_Kabuli_SNP528	Ca_Kabuli_LG08	1507766	[G/C]	Ca_15020	NON_SYNONYMOUS_CODING	Aldose 1-epimerase
#Ca_Kabuli_SNP529	Ca_Kabuli_LG01	15285011	[A/T]	Ca_07005	DOWNSTREAM:1573bases	--
#Ca_Kabuli_SNP530	Ca_Kabuli_LG02	30977572	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP531	Ca_Kabuli_LG02	30408063	[T/A]	Ca_12511	INTRON	--
#Ca_Kabuli_SNP532	Ca_Kabuli_LG02	31005845	[G/A]	Ca_12464	SYNONYMOUS_CODING	Lateral organ boundaries, LOB
#Ca_Kabuli_SNP533	Ca_Kabuli_LG04	5701919	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP534	scaffold68	586257	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP535	scaffold2727	66073	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP536	Ca_Kabuli_LG08	1782034	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP537	Ca_Kabuli_LG02	31686714	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP538	Ca_Kabuli_LG07	17620142	[C/T]	Ca_15847	NON_SYNONYMOUS_CODING	Peptidase M50, mammalian sterol-regulatory element binding
#Ca_Kabuli_SNP539	scaffold6052	1167	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP540	Ca_Kabuli_LG02	36046741	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP541	Ca_Kabuli_LG02	33490058	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP542	scaffold5557	21649	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP543	Ca_Kabuli_LG06	46734678	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP544	scaffold29	413713	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP545	Ca_Kabuli_LG04	6851628	[G/T]	Ca_03554	NON_SYNONYMOUS_CODING	ABC transporter, transmembrane domain
#Ca_Kabuli_SNP546	scaffold901	316037	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP547	Ca_Kabuli_LG07	27350854	[T/A]	Ca_16224	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP548	Ca_Kabuli_LG01	19165715	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP549	scaffold470	78871	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP550	Ca_Kabuli_LG02	35754677	[T/A]	Ca_09749	DOWNSTREAM:1737bases	Regulatory protein RecX
#Ca_Kabuli_SNP551	Ca_Kabuli_LG07	7737688	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP552	Ca_Kabuli_LG02	25725688	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP553	Ca_Kabuli_LG04	8669513	[A/G]	Ca_08361	NON_SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP554	Ca_Kabuli_LG06	8091225	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP555	Ca_Kabuli_LG04	13840227	[A/C]	Ca_04608	SYNONYMOUS_CODING	Copper amine oxidase
#Ca_Kabuli_SNP556	Ca_Kabuli_LG05	35773046	[A/G]	Ca_01648	NON_SYNONYMOUS_CODING	Peptidase M1, alanine aminopeptidase/leukotriene A4 hydroly

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP557	scaffold617	144885	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP558	Ca_Kabuli_LG01	3260253	[A/G]	Ca_00397	NON_SYNONYMOUS_CODING	Granulin
#Ca_Kabuli_SNP559	scaffold1181	150281	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP560	Ca_Kabuli_LG02	32781827	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP561	Ca_Kabuli_LG01	2053788	[A/G]	Ca_00260	NON_SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP562	Ca_Kabuli_LG07	26940934	[A/G]	Ca_16240	SYNONYMOUS_CODING	Plastocyanin-like
#Ca_Kabuli_SNP563	Ca_Kabuli_LG01	3711525	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP564	scaffold669	20765	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP565	Ca_Kabuli_LG03	171675	[A/T]	Ca_22938	SYNONYMOUS_CODING	NAD-dependent epimerase/dehydratase
#Ca_Kabuli_SNP566	Ca_Kabuli_LG02	26121431	[G/T]	Ca_14315	DOWNSTREAM:1783bases	NAD-dependent epimerase/dehydratase
#Ca_Kabuli_SNP567	Ca_Kabuli_LG05	32598189	[A/G]	Ca_04965	DOWNSTREAM:1514bases	Epidermal growth factor-like, type 3
#Ca_Kabuli_SNP568	Ca_Kabuli_LG03	21687962	[T/G]	Ca_09523	SYNONYMOUS_CODING	Aminoacyl-tRNA synthetase, class II (D/K/N)
#Ca_Kabuli_SNP569	Ca_Kabuli_LG03	19445925	[T/A]	Ca_19342	DOWNSTREAM:64bases	Protein of unknown function DUF647
#Ca_Kabuli_SNP570	Ca_Kabuli_LG03	19445920	[A/G]	Ca_19342	DOWNSTREAM:69bases	Protein of unknown function DUF647
#Ca_Kabuli_SNP571	Ca_Kabuli_LG07	41387502	[A/C]	Ca_17996	NON_SYNONYMOUS_CODING	WD40 repeat
#Ca_Kabuli_SNP572	Ca_Kabuli_LG06	48255559	[A/G]	Ca_24604	DOWNSTREAM:176bases	DNA/RNA helicase, DEAD/DEAH box type, N-terminal
#Ca_Kabuli_SNP573	Ca_Kabuli_LG02	451206	[T/C]	Ca_16985	INTRON	Ubiquitin-associated/translation elongation factor EF1B, N-ter
#Ca_Kabuli_SNP574	Ca_Kabuli_LG06	10027025	[A/C]	Ca_08589	DOWNSTREAM:1783bases	Mitochondrial substrate/solute carrier
#Ca_Kabuli_SNP575	scaffold901	463286	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP576	Ca_Kabuli_LG08	11751093	[T/G]	Ca_16797	NON_SYNONYMOUS_CODING	Cell division cycle-associated protein
#Ca_Kabuli_SNP577	Ca_Kabuli_LG06	46734717	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP578	Ca_Kabuli_LG06	53124142	[G/T]	Ca_22912	NON_SYNONYMOUS_CODING	3-Oxoacyl-[acyl-carrier-protein (ACP)] synthase III C-terminal
#Ca_Kabuli_SNP579	scaffold924	115808	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP580	Ca_Kabuli_LG07	32784916	[A/C]	Ca_10015	NON_SYNONYMOUS_CODING	Transcription initiation factor TFIID
#Ca_Kabuli_SNP581	Ca_Kabuli_LG02	24286153	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP582	Ca_Kabuli_LG06	1817599	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP583	Ca_Kabuli_LG03	20552836	[T/G]	Ca_09446	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP584	Ca_Kabuli_LG01	12169598	[G/A]	Ca_02539	INTRON	Homeobox
#Ca_Kabuli_SNP585	Ca_Kabuli_LG06	23039459	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP586	scaffold269	43179	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP587	Ca_Kabuli_LG02	7870843	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP588	Ca_Kabuli_LG04	29923380	[A/G]	Ca_14177	SYNONYMOUS_CODING	Plant peroxidase
#Ca_Kabuli_SNP589	scaffold847	46904	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP590	Ca_Kabuli_LG07	42032	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP591	Ca_Kabuli_LG06	9834208	[A/G]	Ca_08608	SYNONYMOUS_CODING	WD40 repeat
#Ca_Kabuli_SNP592	Ca_Kabuli_LG07	22987832	[C/G]	Ca_19519	DOWNSTREAM:595bases	Glycosyl-phosphatidyl inositol-anchored, plant
#Ca_Kabuli_SNP593	Ca_Kabuli_LG01	16467635	[G/T]	Ca_06917	DOWNSTREAM:1254bases	Chlorophyll A-B binding protein, plant
#Ca_Kabuli_SNP594	Ca_Kabuli_LG03	24194574	[T/C]	Ca_06100	INTRON	Aminoacyl-tRNA synthetase, class II (D/K/N)
#Ca_Kabuli_SNP595	Ca_Kabuli_LG07	31960453	[C/A]	Ca_10068	INTRON	IQ motif, EF-hand binding site
#Ca_Kabuli_SNP596	scaffold112	280062	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP597	Ca_Kabuli_LG04	22860484	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP598	scaffold1579	212519	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP599	Ca_Kabuli_LG06	11659814	[G/A]	Ca_25060	SYNONYMOUS_CODING	Excinuclease ABC, C subunit, N-terminal
#Ca_Kabuli_SNP600	Ca_Kabuli_LG04	37576578	[C/A]	Ca_15125	INTRON	Mediator complex subunit Med23
#Ca_Kabuli_SNP601	Ca_Kabuli_LG05	43698024	[T/G]	Ca_12682	SYNONYMOUS_CODING	Protein of unknown function DUF581
#Ca_Kabuli_SNP602	Ca_Kabuli_LG04	28246772	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP603	Ca_Kabuli_LG04	36984795	[A/T]	Ca_14795	INTRON	SNF2-related
#Ca_Kabuli_SNP604	Ca_Kabuli_LG05	23674580	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP605	Ca_Kabuli_LG04	30258056	[G/A]	Ca_14190	DOWNSTREAM:1820bases	Zinc finger, CCCH-type
#Ca_Kabuli_SNP606	Ca_Kabuli_LG04	22971853	[A/C]	Ca_14460	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP607	Ca_Kabuli_LG04	5701900	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP608	Ca_Kabuli_LG05	10004424	[T/G]	Ca_20512	SYNONYMOUS_CODING	Tetratricopeptide TPR-1
#Ca_Kabuli_SNP609	Ca_Kabuli_LG06	11665233	[A/G]	Ca_25061	SYNONYMOUS_CODING	Amine oxidase
#Ca_Kabuli_SNP610	Ca_Kabuli_LG04	30153505	[G/C]	Ca_14185	DOWNSTREAM:783bases	Plastid lipid-associated protein/fibrillin conserved domain
#Ca_Kabuli_SNP611	Ca_Kabuli_LG03	7204053	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP612	Ca_Kabuli_LG04	37356919	[T/A]	Ca_15140	INTRON	HEAT
#Ca_Kabuli_SNP613	Ca_Kabuli_LG02	36171325	[C/A]	Ca_09797	DOWNSTREAM:1086bases	Aldo/keto reductase
#Ca_Kabuli_SNP614	scaffold1997	107437	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP615	Ca_Kabuli_LG04	17473312	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP616	Ca_Kabuli_LG03	24637837	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP617	Ca_Kabuli_LG04	38834477	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP618	Ca_Kabuli_LG03	7204099	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP619	scaffold790	341416	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP620	Ca_Kabuli_LG03	37438148	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP621	Ca_Kabuli_LG04	38834474	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP622	Ca_Kabuli_LG03	25145247	[C/T]	Ca_06015	SYNONYMOUS_CODING	LisH dimerisation motif
#Ca_Kabuli_SNP623	Ca_Kabuli_LG01	1292472	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP624	Ca_Kabuli_LG04	46263193	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP625	Ca_Kabuli_LG04	29671606	[G/A]	Ca_14166	DOWNSTREAM:1293bases	Kinesin, motor domain
#Ca_Kabuli_SNP626	scaffold1997	104549	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP627	Ca_Kabuli_LG06	23145625	[A/C]	Ca_11137	INTRON	Clathrin/coatome adaptor, adaptin-like, N-terminal
#Ca_Kabuli_SNP628	Ca_Kabuli_LG04	38422037	[T/C]	Ca_13115	INTRON	Zinc finger, CCCH-type
#Ca_Kabuli_SNP629	Ca_Kabuli_LG04	12175299	[C/A]	Ca_04442	NON_SYNONYMOUS_CODING	Transcription factor GRAS
#Ca_Kabuli_SNP630	Ca_Kabuli_LG04	26002991	[A/C]	Ca_16610	INTRON	Aldo/keto reductase
#Ca_Kabuli_SNP631	Ca_Kabuli_LG04	38888791	[C/G]	Ca_13087	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP632	Ca_Kabuli_LG07	27070635	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP633	Ca_Kabuli_LG03	27887405	[T/C]	Ca_08120	INTRON	Ribosomal protein S1, RNA-binding domain
#Ca_Kabuli_SNP634	Ca_Kabuli_LG04	24857501	[G/A]	Ca_20847	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP635	Ca_Kabuli_LG07	6788869	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP636	Ca_Kabuli_LG04	5186399	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP637	scaffold1997	125716	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP638	Ca_Kabuli_LG04	38770450	[C/G]	Ca_13096	SYNONYMOUS_CODING	Fatty acid desaturase, type 2
#Ca_Kabuli_SNP639	Ca_Kabuli_LG03	38103366	[T/G]	Ca_01154	INTRON	Peptidase S1/S6, chymotrypsin/Hap
#Ca_Kabuli_SNP640	Ca_Kabuli_LG04	37450206	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP641	scaffold3450	55347	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP642	Ca_Kabuli_LG05	45478398	[G/T]	Ca_03994	DOWNSTREAM:1551bases	--
#Ca_Kabuli_SNP643	Ca_Kabuli_LG07	32309397	[T/A]	Ca_10045	INTRON	von Willebrand factor, type A
#Ca_Kabuli_SNP644	scaffold99	100529	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP645	Ca_Kabuli_LG03	38127341	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP646	Ca_Kabuli_LG04	5920659	[T/G]	Ca_03658	NON_SYNONYMOUS_CODING	Dormancyauxin associated
#Ca_Kabuli_SNP647	Ca_Kabuli_LG04	48498334	[G/T]	Ca_10742	DOWNSTREAM:156bases	TB2/DP1/HVA22-related protein
#Ca_Kabuli_SNP648	scaffold608	52689	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP649	scaffold608	52688	[T/G]		INTERGENIC	



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP650	Ca_Kabuli_LG04	26089832	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP651	scaffold608	52687	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP652	Ca_Kabuli_LG03	38117585	[G/A]	Ca_01156	INTRON	Acyl-CoA-binding protein, ACBP
#Ca_Kabuli_SNP653	Ca_Kabuli_LG03	38117584	[A/C]	Ca_01156	INTRON	Acyl-CoA-binding protein, ACBP
#Ca_Kabuli_SNP654	scaffold240	132873	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP655	Ca_Kabuli_LG04	6889981	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP656	scaffold1068	197789	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP657	scaffold31	1053247	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP658	Ca_Kabuli_LG04	34798657	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP659	Ca_Kabuli_LG04	38153183	[A/C]	Ca_13138	SYNONYMOUS_CODING	Tetrahydrofolate dehydrogenase/cyclohydrolase
#Ca_Kabuli_SNP660	Ca_Kabuli_LG04	29675337	[C/T]	Ca_14166	INTRON	Kinesin, motor domain
#Ca_Kabuli_SNP661	Ca_Kabuli_LG05	33754240	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP662	Ca_Kabuli_LG07	43119052	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP663	Ca_Kabuli_LG05	27282826	[A/G]	Ca_08913	DOWNSTREAM:1147bases	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP664	Ca_Kabuli_LG03	25822584	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP665	Ca_Kabuli_LG03	25822560	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP666	Ca_Kabuli_LG03	4243649	[G/T]	Ca_22376	INTRON	RNA recognition motif domain
#Ca_Kabuli_SNP667	scaffold764	11144	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP668	Ca_Kabuli_LG06	10441742	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP669	scaffold669	22590	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP670	Ca_Kabuli_LG05	40194187	[C/A]	Ca_07544	NON_SYNONYMOUS_CODING	RNA recognition motif domain
#Ca_Kabuli_SNP671	Ca_Kabuli_LG03	31951994	[A/G]	Ca_12295	SYNONYMOUS_CODING	HEAT
#Ca_Kabuli_SNP672	Ca_Kabuli_LG04	48475447	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP673	Ca_Kabuli_LG04	37698067	[C/T]	Ca_15111	INTRON	ATP-grasp fold
#Ca_Kabuli_SNP674	scaffold703	642850	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP675	Ca_Kabuli_LG04	48263603	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP676	Ca_Kabuli_LG02	25725692	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP677	Ca_Kabuli_LG07	34474614	[A/C]	Ca_17602	NON_SYNONYMOUS_CODING	SSXT
#Ca_Kabuli_SNP678	Ca_Kabuli_LG03	29974595	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP679	Ca_Kabuli_LG02	27172582	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP680	Ca_Kabuli_LG06	15544732	[A/T]	Ca_05339	NON_SYNONYMOUS_CODING	Tetratricopeptide repeat

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#Ca_Kabuli_SNP681	Ca_Kabuli_LG03	30837284	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP682	Ca_Kabuli_LG05	11356511	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP683	Ca_Kabuli_LG03	34982544	[C/T]	Ca_00773	INTRON	Glycosyl hydrolase, family 13, catalytic domain
#Ca_Kabuli_SNP684	Ca_Kabuli_LG04	44591405	[T/G]	Ca_09131	INTRON	Protein phosphatase 2C, manganese/magnesium aspartate k
#Ca_Kabuli_SNP685	Ca_Kabuli_LG06	7829577	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP686	Ca_Kabuli_LG03	37637641	[A/T]	Ca_01102	DOWNSTREAM:1713bases	Zinc finger, U1-type
#Ca_Kabuli_SNP687	Ca_Kabuli_LG03	37637642	[A/T]	Ca_01102	DOWNSTREAM:1714bases	Zinc finger, U1-type
#Ca_Kabuli_SNP688	Ca_Kabuli_LG05	438428	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP689	Ca_Kabuli_LG01	2948260	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP690	Ca_Kabuli_LG03	7654644	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP691	Ca_Kabuli_LG04	44590652	[C/T]	Ca_09131	SYNONYMOUS_CODING	Protein phosphatase 2C, manganese/magnesium aspartate k
#Ca_Kabuli_SNP692	Ca_Kabuli_LG01	7500494	[T/G]	Ca_08003	SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP693	Ca_Kabuli_LG03	31630195	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP694	Ca_Kabuli_LG03	31521155	[A/T]	Ca_12251	DOWNSTREAM:157bases	Oligopeptide transporter
#Ca_Kabuli_SNP695	Ca_Kabuli_LG05	3643160	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP696	Ca_Kabuli_LG03	31321725	[G/A]	Ca_12232	SYNONYMOUS_CODING	VHS
#Ca_Kabuli_SNP697	Ca_Kabuli_LG04	46613068	[T/G]	Ca_19257	DOWNSTREAM:1878bases	Glycoside hydrolase, family 13
#Ca_Kabuli_SNP698	Ca_Kabuli_LG07	12635956	[A/C]	Ca_09258	SYNONYMOUS_CODING	WD40 repeat
#Ca_Kabuli_SNP699	Ca_Kabuli_LG04	17858140	[A/C]	Ca_18622	INTRON	IKI3
#Ca_Kabuli_SNP700	scaffold269	43158	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP701	Ca_Kabuli_LG04	42246467	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP702	scaffold294	478760	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP703	Ca_Kabuli_LG04	44439492	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP704	Ca_Kabuli_LG04	48097268	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP705	Ca_Kabuli_LG03	31631622	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP706	Ca_Kabuli_LG03	31279605	[A/G]	Ca_12224	INTRON	Protein of unknown function DUF647
#Ca_Kabuli_SNP707	Ca_Kabuli_LG07	40692817	[C/G]	Ca_20271	SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP708	Ca_Kabuli_LG03	31520119	[T/C]	Ca_12251	INTRON	Oligopeptide transporter
#Ca_Kabuli_SNP709	Ca_Kabuli_LG04	44373412	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP710	Ca_Kabuli_LG03	31520198	[A/G]	Ca_12251	INTRON	Oligopeptide transporter
#Ca_Kabuli_SNP711	Ca_Kabuli_LG03	31520225	[T/A]	Ca_12251	INTRON	Oligopeptide transporter

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#Ca_Kabuli_SNP712	Ca_Kabuli_LG03	31516662	[T/G]	Ca_12250	SYNONYMOUS_CODING	Oligopeptide transporter
#Ca_Kabuli_SNP713	Ca_Kabuli_LG03	31516766	[C/T]	Ca_12250	INTRON	Oligopeptide transporter
#Ca_Kabuli_SNP714	scaffold1676	50722	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP715	Ca_Kabuli_LG03	31358137	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP716	Ca_Kabuli_LG01	13158171	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP717	Ca_Kabuli_LG03	31478882	[T/C]	Ca_12246	SYNONYMOUS_CODING	Glucose-methanol-choline oxidoreductase, N-terminal
#Ca_Kabuli_SNP718	Ca_Kabuli_LG06	5401607	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP719	Ca_Kabuli_LG04	46717200	[C/T]	Ca_19246	INTRON	PGAP1-like
#Ca_Kabuli_SNP720	Ca_Kabuli_LG03	7204105	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP721	Ca_Kabuli_LG03	16032148	[A/C]	Ca_17062	SYNONYMOUS_CODING	MIF4G-like, type 3
#Ca_Kabuli_SNP722	Ca_Kabuli_LG04	48501662	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP723	scaffold1330	339103	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP724	Ca_Kabuli_LG06	44711166	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP725	Ca_Kabuli_LG03	31355001	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP726	Ca_Kabuli_LG03	31355026	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP727	Ca_Kabuli_LG03	31354988	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP728	Ca_Kabuli_LG06	10234386	[A/C]	Ca_08566	INTRON	Metallo-dependent phosphatase
#Ca_Kabuli_SNP729	Ca_Kabuli_LG04	15039822	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP730	Ca_Kabuli_LG03	31431216	[T/C]	Ca_12240	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP731	Ca_Kabuli_LG04	7771948	[T/C]	Ca_03463	NON_SYNONYMOUS_CODING	Mitochondrial inner membrane translocase complex, subunit
#Ca_Kabuli_SNP732	Ca_Kabuli_LG04	1189985	[A/C]	Ca_07749	INTRON	Ribosomal protein L21e
#Ca_Kabuli_SNP733	Ca_Kabuli_LG04	44388391	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP734	Ca_Kabuli_LG04	17429446	[C/A]	Ca_05384	NON_SYNONYMOUS_CODING	Transcription factor jumonji/aspartyl beta-hydroxylase
#Ca_Kabuli_SNP735	Ca_Kabuli_LG06	2286237	[C/T]	Ca_10358	DOWNSTREAM:1995bases	3-oxo-5-alpha-steroid 4-dehydrogenase, C-terminal
#Ca_Kabuli_SNP736	Ca_Kabuli_LG08	6192944	[T/G]	Ca_01927	SYNONYMOUS_CODING	Pentatricopeptide repeat
#Ca_Kabuli_SNP737	Ca_Kabuli_LG01	4017077	[T/G]	Ca_00483	DOWNSTREAM:946bases	--
#Ca_Kabuli_SNP738	Ca_Kabuli_LG04	44353354	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP739	Ca_Kabuli_LG02	35449653	[A/G]	Ca_09705	INTRON	ABC transporter, transmembrane domain
#Ca_Kabuli_SNP740	scaffold128	355771	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP741	Ca_Kabuli_LG03	30383534	[T/C]	Ca_07359	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP742	Ca_Kabuli_LG03	29954612	[T/G]		INTERGENIC	

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#Ca_Kabuli_SNP743	Ca_Kabuli_LG03	31814796	[T/A]	Ca_12284	SYNONYMOUS_CODING	WD40 repeat
#Ca_Kabuli_SNP744	Ca_Kabuli_LG06	52618275	[T/G]	Ca_17543	DOWNSTREAM:1446bases	--
#Ca_Kabuli_SNP745	Ca_Kabuli_LG08	10887602	[G/T]	Ca_19739	DOWNSTREAM:240bases	Pentatricopeptide repeat
#Ca_Kabuli_SNP746	Ca_Kabuli_LG04	48475461	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP747	Ca_Kabuli_LG03	29958891	[G/C]	Ca_07306	NON_SYNONYMOUS_CODING	Nse5
#Ca_Kabuli_SNP748	Ca_Kabuli_LG03	39839981	[G/T]	Ca_01370	INTRON	ATPase, P-type, H+ transporting proton pump
#Ca_Kabuli_SNP749	Ca_Kabuli_LG03	29666633	[C/T]	Ca_07271	DOWNSTREAM:1647bases	ABC transporter-like
#Ca_Kabuli_SNP750	Ca_Kabuli_LG03	29804107	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP751	Ca_Kabuli_LG03	29666126	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP752	Ca_Kabuli_LG03	29666138	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP753	scaffold1997	107345	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP754	Ca_Kabuli_LG03	29804058	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP755	Ca_Kabuli_LG03	29804078	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP756	Ca_Kabuli_LG04	5701907	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP757	Ca_Kabuli_LG03	37160795	[A/C]	Ca_01047	SYNONYMOUS_CODING	Zinc finger, Sec23/Sec24-type
#Ca_Kabuli_SNP758	Ca_Kabuli_LG02	13217903	[A/C]	Ca_11681	SYNONYMOUS_CODING	Zinc finger, DHHC-type, palmitoyltransferase
#Ca_Kabuli_SNP759	Ca_Kabuli_LG06	23891044	[G/T]	Ca_11072	NON_SYNONYMOUS_CODING	WW/Rsp5/WWP
#Ca_Kabuli_SNP760	Ca_Kabuli_LG03	31317521	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP761	Ca_Kabuli_LG03	30012090	[G/A]	Ca_07314	INTRON	Protein phosphatase 2C-like
#Ca_Kabuli_SNP762	Ca_Kabuli_LG03	30012110	[T/G]	Ca_07314	INTRON	Protein phosphatase 2C-like
#Ca_Kabuli_SNP763	Ca_Kabuli_LG03	30011759	[T/C]	Ca_07314	NON_SYNONYMOUS_CODING	Protein phosphatase 2C-like
#Ca_Kabuli_SNP764	Ca_Kabuli_LG03	1507162	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP765	Ca_Kabuli_LG03	1507167	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP766	Ca_Kabuli_LG03	1507166	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP767	Ca_Kabuli_LG03	29932378	[C/G]	Ca_07304	INTRON	Myb, DNA-binding
#Ca_Kabuli_SNP768	Ca_Kabuli_LG03	29932502	[G/C]	Ca_07304	INTRON	Myb, DNA-binding
#Ca_Kabuli_SNP769	Ca_Kabuli_LG04	2032475	[G/A]	Ca_07822	INTRON	RNA-processing protein, HAT helix
#Ca_Kabuli_SNP770	Ca_Kabuli_LG05	41285171	[G/T]	Ca_07642	NON_SYNONYMOUS_CODING	Protein of unknown function DUF1296
#Ca_Kabuli_SNP771	Ca_Kabuli_LG03	30011669	[A/G]	Ca_07314	NON_SYNONYMOUS_CODING	Protein phosphatase 2C-like
#Ca_Kabuli_SNP772	Ca_Kabuli_LG07	6780547	[C/A]	Ca_06684	NON_SYNONYMOUS_CODING	Glycoside hydrolase, family 17
#Ca_Kabuli_SNP773	Ca_Kabuli_LG03	21272962	[A/C]		INTERGENIC	

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#Ca_Kabuli_SNP774	Ca_Kabuli_LG03	29958058	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP775	Ca_Kabuli_LG01	9797352	[G/T]	Ca_02811	NON_SYNONYMOUS_CODING	Pentatricopeptide repeat
#Ca_Kabuli_SNP776	Ca_Kabuli_LG06	8091232	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP777	Ca_Kabuli_LG03	29807248	[A/G]	Ca_07289	DOWNSTREAM:1061bases	Prenylated rab acceptor PRA1
#Ca_Kabuli_SNP778	Ca_Kabuli_LG06	3394921	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP779	Ca_Kabuli_LG03	30011584	[T/C]	Ca_07314	INTRON	Protein phosphatase 2C-like
#Ca_Kabuli_SNP780	Ca_Kabuli_LG01	662611	[T/G]	Ca_00079	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP781	Ca_Kabuli_LG03	29698166	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP782	Ca_Kabuli_LG04	3002826	[A/C]	Ca_12098	SYNONYMOUS_CODING	Peptidase M20
#Ca_Kabuli_SNP783	scaffold1579	199116	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP784	scaffold1860	58750	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP785	Ca_Kabuli_LG07	31314421	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP786	Ca_Kabuli_LG03	31630512	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP787	Ca_Kabuli_LG06	28177397	[A/C]	Ca_26122	INTRON	SIT4 phosphatase-associated protein family
#Ca_Kabuli_SNP788	Ca_Kabuli_LG06	27591765	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP789	Ca_Kabuli_LG03	1746337	[T/G]	Ca_19405	INTRON	Helicase, C-terminal
#Ca_Kabuli_SNP790	Ca_Kabuli_LG08	4895122	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP791	Ca_Kabuli_LG07	10223027	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP792	Ca_Kabuli_LG03	29869380	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP793	Ca_Kabuli_LG03	29954498	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP794	Ca_Kabuli_LG04	45231839	[T/C]	Ca_09187	DOWNSTREAM:953bases	Phosphorylated adapter RNA export protein, RNA-binding do
#Ca_Kabuli_SNP795	Ca_Kabuli_LG06	15451994	[T/G]	Ca_05328	SYNONYMOUS_CODING	Peptidase A1
#Ca_Kabuli_SNP796	scaffold5120	1686	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP797	Ca_Kabuli_LG03	29982638	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP798	Ca_Kabuli_LG03	29807091	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP799	Ca_Kabuli_LG03	31302060	[C/T]	Ca_12228	DOWNSTREAM:1970bases	--
#Ca_Kabuli_SNP800	scaffold746	148947	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP801	Ca_Kabuli_LG06	647322	[A/C]	Ca_13283	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP802	Ca_Kabuli_LG03	30004311	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP803	Ca_Kabuli_LG03	29803962	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP804	Ca_Kabuli_LG08	634853	[T/G]		INTERGENIC	

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#Ca_Kabuli_SNP805	Ca_Kabuli_LG03	31629855	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP806	Ca_Kabuli_LG04	46733965	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP807	Ca_Kabuli_LG03	29954648	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP808	Ca_Kabuli_LG03	31519880	[T/C]	Ca_12251	SYNONYMOUS_CODING	Oligopeptide transporter
#Ca_Kabuli_SNP809	Ca_Kabuli_LG06	10670739	[T/G]	Ca_08530	INTRON	Aspartate/glutamate/uridylate kinase
#Ca_Kabuli_SNP810	Ca_Kabuli_LG07	39235271	[A/C]	Ca_19581	INTRON	BEACH domain
#Ca_Kabuli_SNP811	Ca_Kabuli_LG05	48111896	[T/G]	Ca_04273	NON_SYNONYMOUS_CODING	Tudor domain
#Ca_Kabuli_SNP812	Ca_Kabuli_LG06	20786070	[G/C]	Ca_16351	SYNONYMOUS_CODING	Toll-Interleukin receptor
#Ca_Kabuli_SNP813	Ca_Kabuli_LG06	20786071	[G/T]	Ca_16351	NON_SYNONYMOUS_CODING	Toll-Interleukin receptor
#Ca_Kabuli_SNP814	Ca_Kabuli_LG03	31321907	[C/T]	Ca_12232	SYNONYMOUS_CODING	VHS
#Ca_Kabuli_SNP815	Ca_Kabuli_LG03	31321877	[A/G]	Ca_12232	SYNONYMOUS_CODING	VHS
#Ca_Kabuli_SNP816	Ca_Kabuli_LG05	42928969	[T/G]	Ca_11315	NON_SYNONYMOUS_CODING	SANT domain, DNA binding
#Ca_Kabuli_SNP817	Ca_Kabuli_LG03	31322404	[C/T]	Ca_12232	SYNONYMOUS_CODING	VHS
#Ca_Kabuli_SNP818	Ca_Kabuli_LG02	30921092	[C/A]	Ca_12470	SYNONYMOUS_CODING	Clathrin, heavy chain/VPS, 7-fold repeat
#Ca_Kabuli_SNP819	Ca_Kabuli_LG02	36016362	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP820	Ca_Kabuli_LG05	35877479	[T/A]	Ca_01638	NON_SYNONYMOUS_CODING	Mitochondrial carrier protein
#Ca_Kabuli_SNP821	Ca_Kabuli_LG02	36046767	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP822	Ca_Kabuli_LG03	29804223	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP823	Ca_Kabuli_LG03	39642781	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP824	Ca_Kabuli_LG07	29313283	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP825	Ca_Kabuli_LG05	46260828	[A/C]	Ca_04079	SYNONYMOUS_CODING	Mitochondrial inner membrane translocase complex, subunit
#Ca_Kabuli_SNP826	Ca_Kabuli_LG04	14785557	[A/C]	Ca_05626	DOWNSTREAM:1585bases	WD40 repeat
#Ca_Kabuli_SNP827	Ca_Kabuli_LG08	9112184	[A/C]	Ca_11534	SYNONYMOUS_CODING	Protein of unknown function DUF1399
#Ca_Kabuli_SNP828	Ca_Kabuli_LG04	44590697	[A/C]	Ca_09131	SYNONYMOUS_CODING	Protein phosphatase 2C, manganese/magnesium aspartate k
#Ca_Kabuli_SNP829	Ca_Kabuli_LG08	11243263	[A/C]	Ca_16834	NON_SYNONYMOUS_CODING	Histone H1/H5
#Ca_Kabuli_SNP830	Ca_Kabuli_LG07	17662191	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP831	Ca_Kabuli_LG05	30939325	[G/T]	Ca_04791	DOWNSTREAM:1364bases	BURP
#Ca_Kabuli_SNP832	Ca_Kabuli_LG03	25311403	[T/A]	Ca_05997	INTRON	Protein of unknown function DUF506, plant
#Ca_Kabuli_SNP833	Ca_Kabuli_LG04	6952876	[T/G]	Ca_03542	SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP834	Ca_Kabuli_LG04	7163980	[A/C]	Ca_03518	INTRON	Peptidase S14, ClpP
#Ca_Kabuli_SNP835	Ca_Kabuli_LG04	18168385	[G/T]	Ca_18655	INTRON	Domain of unknown function DUF1115

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP836	Ca_Kabuli_LG01	7160645	[T/C]	Ca_07974	INTRON	NUDIX hydrolase domain
#Ca_Kabuli_SNP837	Ca_Kabuli_LG02	14134681	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP838	scaffold1676	50680	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP839	Ca_Kabuli_LG03	38496235	[T/A]	Ca_01203	INTRON	Exportin-1/Importin-beta-like
#Ca_Kabuli_SNP840	Ca_Kabuli_LG05	40700290	[C/A]	Ca_07589	NON_SYNONYMOUS_CODING	Glycoside hydrolase, family 17
#Ca_Kabuli_SNP841	Ca_Kabuli_LG03	17918036	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP842	Ca_Kabuli_LG04	18117799	[G/T]	Ca_18651	NON_SYNONYMOUS_CODING	Chalcone isomerase, subgroup
#Ca_Kabuli_SNP843	Ca_Kabuli_LG07	815504	[G/T]	Ca_03396	NON_SYNONYMOUS_CODING	Armadillo
#Ca_Kabuli_SNP844	Ca_Kabuli_LG06	24480359	[C/A]	Ca_11023	NON_SYNONYMOUS_CODING	Armadillo
#Ca_Kabuli_SNP845	Ca_Kabuli_LG04	5233688	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP846	Ca_Kabuli_LG07	2554390	[C/A]	Ca_03223	NON_SYNONYMOUS_CODING	Peptidase S8/S53, subtilisin/kexin/sedolisin
#Ca_Kabuli_SNP847	Ca_Kabuli_LG04	45225059	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP848	Ca_Kabuli_LG06	11665338	[T/G]	Ca_25061	SYNONYMOUS_CODING	Amine oxidase
#Ca_Kabuli_SNP849	Ca_Kabuli_LG04	6462846	[C/A]	Ca_03597	NON_SYNONYMOUS_CODING	Peptidase A1
#Ca_Kabuli_SNP850	Ca_Kabuli_LG01	12413016	[T/A]	Ca_02509	NON_SYNONYMOUS_CODING	ATPase, P-type, K/Mg/Cd/Cu/Zn/Na/Ca/Na/H-transporter
#Ca_Kabuli_SNP851	Ca_Kabuli_LG03	36206615	[C/A]	Ca_00925	INTRON	rRNA processing
#Ca_Kabuli_SNP852	Ca_Kabuli_LG03	19978343	[A/C]	Ca_09399	NON_SYNONYMOUS_CODING	Ammonium transporter
#Ca_Kabuli_SNP853	Ca_Kabuli_LG03	36150722	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP854	Ca_Kabuli_LG05	39597565	[C/A]	Ca_07489	INTRON	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP855	Ca_Kabuli_LG01	3544912	[A/C]	Ca_00430	DOWNSTREAM:946bases	Ankyrin repeat
#Ca_Kabuli_SNP856	Ca_Kabuli_LG03	36070879	[C/G]	Ca_00905	DOWNSTREAM:1492bases	DNA methylase, N-6 adenine-specific, conserved site
#Ca_Kabuli_SNP857	Ca_Kabuli_LG04	37356892	[T/C]	Ca_15140	INTRON	HEAT
#Ca_Kabuli_SNP858	Ca_Kabuli_LG03	36205806	[G/T]	Ca_00925	DOWNSTREAM:342bases	rRNA processing
#Ca_Kabuli_SNP859	Ca_Kabuli_LG08	1794714	[T/G]	Ca_02426	SYNONYMOUS_CODING	ATPase, P-type, K/Mg/Cd/Cu/Zn/Na/Ca/Na/H-transporter
#Ca_Kabuli_SNP860	Ca_Kabuli_LG03	36118120	[C/T]	Ca_00911	INTRON	--
#Ca_Kabuli_SNP861	Ca_Kabuli_LG07	21616285	[A/G]	Ca_14512	INTRON	Clathrin/coatomer adaptor, adaptin-like, N-terminal
#Ca_Kabuli_SNP862	Ca_Kabuli_LG05	17494702	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP863	Ca_Kabuli_LG03	36004668	[G/A]	Ca_00896	INTRON	Protease-associated domain, PA
#Ca_Kabuli_SNP864	Ca_Kabuli_LG07	34947544	[A/C]	Ca_17626	INTRON	Phosphoribosyltransferase
#Ca_Kabuli_SNP865	Ca_Kabuli_LG06	46898699	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP866	Ca_Kabuli_LG06	27331819	[A/C]	Ca_14617	NON_SYNONYMOUS_CODING	RNA recognition motif domain

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP867	scaffold36	74749	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP868	Ca_Kabuli_LG06	56593129	[A/C]	Ca_17397	SYNONYMOUS_CODING	Helicase, C-terminal
#Ca_Kabuli_SNP869	Ca_Kabuli_LG07	12692636	[G/T]	Ca_09251	DOWNSTREAM:904bases	Tetratricopeptide TPR-1
#Ca_Kabuli_SNP870	Ca_Kabuli_LG01	32286506	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP871	Ca_Kabuli_LG01	548	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP872	Ca_Kabuli_LG08	1794813	[T/G]	Ca_02426	SYNONYMOUS_CODING	ATPase, P-type, K/Mg/Cd/Cu/Zn/Na/Ca/Na/H-transporter
#Ca_Kabuli_SNP873	Ca_Kabuli_LG03	36050259	[G/T]	Ca_00903	SYNONYMOUS_CODING	SWAP/Surp
#Ca_Kabuli_SNP874	Ca_Kabuli_LG03	29676564	[A/G]	Ca_07272	DOWNSTREAM:1041bases	--
#Ca_Kabuli_SNP875	Ca_Kabuli_LG03	36132586	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP876	Ca_Kabuli_LG03	36072770	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP877	Ca_Kabuli_LG03	31228557	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP878	Ca_Kabuli_LG07	17133036	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP879	scaffold703	491190	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP880	Ca_Kabuli_LG03	35979412	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP881	Ca_Kabuli_LG02	26092916	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP882	Ca_Kabuli_LG02	30951724	[T/A]	Ca_12469	SYNONYMOUS_CODING	Clathrin, heavy chain/VPS, 7-fold repeat
#Ca_Kabuli_SNP883	Ca_Kabuli_LG03	36071033	[G/A]	Ca_00905	DOWNSTREAM:1338bases	DNA methylase, N-6 adenine-specific, conserved site
#Ca_Kabuli_SNP884	Ca_Kabuli_LG03	8933221	[T/A]	Ca_25280	INTRON	ABC transporter-like
#Ca_Kabuli_SNP885	Ca_Kabuli_LG03	36085966	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP886	Ca_Kabuli_LG07	22731293	[T/G]	Ca_19530	INTRON	Haloacid dehalogenase-like hydrolase
#Ca_Kabuli_SNP887	Ca_Kabuli_LG01	14623271	[T/C]	Ca_07071	NON_SYNONYMOUS_CODING	Ovarian tumour, otubain
#Ca_Kabuli_SNP888	Ca_Kabuli_LG04	48464448	[T/G]	Ca_10746	NON_SYNONYMOUS_CODING	Zinc finger, CCHC-type
#Ca_Kabuli_SNP889	Ca_Kabuli_LG04	9498227	[A/C]	Ca_08437	NON_SYNONYMOUS_CODING	Malectin
#Ca_Kabuli_SNP890	scaffold39	47663	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP891	Ca_Kabuli_LG01	42452647	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP892	Ca_Kabuli_LG03	31457191	[C/T]	Ca_12244	SYNONYMOUS_CODING	Phytochelatin synthase
#Ca_Kabuli_SNP893	Ca_Kabuli_LG01	1117450	[G/T]	Ca_00138	SYNONYMOUS_CODING	HEAT
#Ca_Kabuli_SNP894	Ca_Kabuli_LG03	36050319	[C/T]	Ca_00903	SYNONYMOUS_CODING	SWAP/Surp
#Ca_Kabuli_SNP895	Ca_Kabuli_LG03	15745336	[A/C]	Ca_17048	INTRON	Forkhead-associated (FHA) domain
#Ca_Kabuli_SNP896	Ca_Kabuli_LG05	45254112	[T/G]	Ca_03969	NON_SYNONYMOUS_CODING	Zinc finger, C2H2-type matrin
#Ca_Kabuli_SNP897	Ca_Kabuli_LG01	579	[C/T]		INTERGENIC	



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP898	Ca_Kabuli_LG04	39081951	[A/G]	Ca_13074	INTRON	Cyclic nucleotide-binding domain
#Ca_Kabuli_SNP899	Ca_Kabuli_LG08	4807088	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP900	Ca_Kabuli_LG01	4906831	[G/T]	Ca_00577	DOWNSTREAM:1036bases	Disease resistance protein
#Ca_Kabuli_SNP901	Ca_Kabuli_LG06	21322884	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP902	scaffold1027	3793	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP903	scaffold7116	964	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP904	Ca_Kabuli_LG02	33399066	[G/T]	Ca_10186	STOP_GAINED	Disease resistance protein
#Ca_Kabuli_SNP905	Ca_Kabuli_LG03	21687960	[A/T]	Ca_09523	NON_SYNONYMOUS_CODING	Aminoacyl-tRNA synthetase, class II (D/K/N)
#Ca_Kabuli_SNP906	Ca_Kabuli_LG06	14857680	[G/A]	Ca_05260	SYNONYMOUS_CODING	Integrase, catalytic core
#Ca_Kabuli_SNP907	Ca_Kabuli_LG04	30300334	[C/T]	Ca_14192	SYNONYMOUS_CODING	SNF2-related
#Ca_Kabuli_SNP908	Ca_Kabuli_LG03	35920780	[T/G]	Ca_00884	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP909	Ca_Kabuli_LG03	36003699	[A/G]	Ca_00896	INTRON	Protease-associated domain, PA
#Ca_Kabuli_SNP910	scaffold57	257344	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP911	Ca_Kabuli_LG03	30358849	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP912	scaffold844	70506	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP913	scaffold2881	3806	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP914	Ca_Kabuli_LG03	38074259	[C/A]	Ca_01151	DOWNSTREAM:911bases	Rad10
#Ca_Kabuli_SNP915	Ca_Kabuli_LG06	17026983	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP916	Ca_Kabuli_LG03	31267639	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP917	Ca_Kabuli_LG02	5866795	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP918	scaffold214	136077	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP919	Ca_Kabuli_LG01	11405118	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP920	Ca_Kabuli_LG04	42143779	[G/A]	Ca_10910	INTRON	Glycoside hydrolase, family 28
#Ca_Kabuli_SNP921	scaffold1207	29514	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP922	scaffold99	142843	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP923	Ca_Kabuli_LG04	5630336	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP924	Ca_Kabuli_LG03	39504242	[A/G]	Ca_01321	DOWNSTREAM:1205bases	Zinc finger, RING-type
#Ca_Kabuli_SNP925	Ca_Kabuli_LG03	36205845	[A/G]	Ca_00925	DOWNSTREAM:303bases	rRNA processing
#Ca_Kabuli_SNP926	Ca_Kabuli_LG03	36205819	[A/G]	Ca_00925	DOWNSTREAM:329bases	rRNA processing
#Ca_Kabuli_SNP927	Ca_Kabuli_LG04	3353586	[A/G]	Ca_12138	INTRON	Mg2+ transporter protein, CorA-like
#Ca_Kabuli_SNP928	Ca_Kabuli_LG05	37207855	[G/T]	Ca_01496	NON_SYNONYMOUS_CODING	Peptidase C19, ubiquitin carboxyl-terminal hydrolase 2

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP929	Ca_Kabuli_LG03	37942807	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP930	Ca_Kabuli_LG01	11361625	[A/C]	Ca_02617	SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP931	scaffold1420	328816	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP932	Ca_Kabuli_LG05	39038254	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP933	Ca_Kabuli_LG03	31542359	[A/C]	Ca_12254	DOWNSTREAM:811bases	Oligopeptide transporter
#Ca_Kabuli_SNP934	Ca_Kabuli_LG07	32522207	[T/G]	Ca_10028	SYNONYMOUS_CODING	SANT domain, DNA binding
#Ca_Kabuli_SNP935	Ca_Kabuli_LG04	38215267	[A/G]	Ca_13132	INTRON	AMP-dependent synthetase/ligase
#Ca_Kabuli_SNP936	Ca_Kabuli_LG04	45225077	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP937	Ca_Kabuli_LG04	45225093	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP938	Ca_Kabuli_LG03	38060814	[A/G]	Ca_01149	SYNONYMOUS_CODING	Peptidase S14, ClpP
#Ca_Kabuli_SNP939	Ca_Kabuli_LG03	38049996	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP940	Ca_Kabuli_LG01	39107150	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP941	Ca_Kabuli_LG03	36441575	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP942	Ca_Kabuli_LG03	37985947	[A/T]	Ca_01139	SYNONYMOUS_CODING	Metallo-dependent phosphatase
#Ca_Kabuli_SNP943	Ca_Kabuli_LG03	37985977	[A/G]	Ca_01139	SYNONYMOUS_CODING	Metallo-dependent phosphatase
#Ca_Kabuli_SNP944	Ca_Kabuli_LG02	32670089	[C/A]	Ca_10254	NON_SYNONYMOUS_CODING	BTB/POZ-like
#Ca_Kabuli_SNP945	Ca_Kabuli_LG06	56793039	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP946	Ca_Kabuli_LG03	38103368	[T/A]	Ca_01154	INTRON	Peptidase S1/S6, chymotrypsin/Hap
#Ca_Kabuli_SNP947	Ca_Kabuli_LG06	25575045	[C/A]	Ca_24008	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP948	Ca_Kabuli_LG04	40481316	[T/G]	Ca_14877	NON_SYNONYMOUS_CODING	Alpha/beta hydrolase fold-1
#Ca_Kabuli_SNP949	Ca_Kabuli_LG04	48497704	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP950	scaffold617	26134	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP951	Ca_Kabuli_LG01	17523921	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP952	scaffold518	72953	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP953	scaffold168	208768	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP954	Ca_Kabuli_LG03	38112802	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP955	Ca_Kabuli_LG03	38112801	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP956	Ca_Kabuli_LG03	31228552	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP957	Ca_Kabuli_LG06	2175768	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP958	Ca_Kabuli_LG05	21033919	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP959	Ca_Kabuli_LG03	38059303	[T/C]	Ca_01149	DOWNSTREAM:54bases	Peptidase S14, ClpP

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP960	Ca_Kabuli_LG04	16149795	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP961	scaffold6688	898	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP962	Ca_Kabuli_LG03	38026725	[G/A]	Ca_01143	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP963	Ca_Kabuli_LG04	14960467	[T/G]	Ca_05605	NON_SYNONYMOUS_CODING	Protein of unknown function DUF1168
#Ca_Kabuli_SNP964	Ca_Kabuli_LG03	38117169	[C/T]	Ca_01156	INTRON	Acyl-CoA-binding protein, ACBP
#Ca_Kabuli_SNP965	Ca_Kabuli_LG04	34915986	[C/T]	Ca_19997	INTRON	Inosine/uridine-preferring nucleoside hydrolase domain
#Ca_Kabuli_SNP966	Ca_Kabuli_LG03	38112971	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP967	Ca_Kabuli_LG03	38115564	[A/T]	Ca_01156	DOWNSTREAM:1360bases	Acyl-CoA-binding protein, ACBP
#Ca_Kabuli_SNP968	Ca_Kabuli_LG01	3711498	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP969	Ca_Kabuli_LG01	40137893	[T/G]	Ca_13900	SYNONYMOUS_CODING	Helicase, C-terminal
#Ca_Kabuli_SNP970	Ca_Kabuli_LG03	37985776	[T/A]	Ca_01139	SYNONYMOUS_CODING	Metallo-dependent phosphatase
#Ca_Kabuli_SNP971	Ca_Kabuli_LG04	24729198	[A/C]	Ca_20853	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP972	scaffold190	49263	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP973	Ca_Kabuli_LG07	33912866	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP974	Ca_Kabuli_LG03	38034006	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP975	scaffold6688	897	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP976	Ca_Kabuli_LG03	28176375	[A/C]	Ca_26949	DOWNSTREAM:1622bases	WD40 repeat
#Ca_Kabuli_SNP977	Ca_Kabuli_LG05	32383735	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP978	Ca_Kabuli_LG05	80027	[C/A]	Ca_18162	NON_SYNONYMOUS_CODING	Peptidase S8/S53, subtilisin/kexin/sedolisin
#Ca_Kabuli_SNP979	Ca_Kabuli_LG02	20812096	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP980	Ca_Kabuli_LG06	1817775	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP981	scaffold6688	899	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP982	Ca_Kabuli_LG03	38171434	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP983	Ca_Kabuli_LG03	38171485	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP984	Ca_Kabuli_LG03	38171486	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP985	Ca_Kabuli_LG03	38171484	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP986	Ca_Kabuli_LG03	39124767	[A/C]	Ca_01274	INTRON	HEAT
#Ca_Kabuli_SNP987	Ca_Kabuli_LG07	47840119	[A/C]	Ca_22546	SYNONYMOUS_CODING	Ubiquitin-conjugating enzyme, E2
#Ca_Kabuli_SNP988	scaffold6688	896	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP989	Ca_Kabuli_LG06	54237764	[A/C]	Ca_16280	SYNONYMOUS_CODING	Bacterial surface antigen (D15)
#Ca_Kabuli_SNP990	Ca_Kabuli_LG03	38169102	[T/G]	Ca_01160	INTRON	DNA-directed DNA polymerase, family B, exonuclease domain

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#Ca_Kabuli_SNP991	Ca_Kabuli_LG03	38169101	[A/G]	Ca_01160	INTRON	DNA-directed DNA polymerase, family B, exonuclease domain
#Ca_Kabuli_SNP992	Ca_Kabuli_LG03	39628916	[G/A]	Ca_01341	DOWNSTREAM:305bases	Cytochrome b5
#Ca_Kabuli_SNP993	Ca_Kabuli_LG03	38913449	[C/T]	Ca_01250	DOWNSTREAM:1021bases	--
#Ca_Kabuli_SNP994	Ca_Kabuli_LG02	24220955	[G/T]	Ca_21666	INTRON	SNF2-related
#Ca_Kabuli_SNP995	Ca_Kabuli_LG04	10200523	[A/C]	Ca_08490	INTRON	Peptidase M28
#Ca_Kabuli_SNP996	Ca_Kabuli_LG03	38147699	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP997	Ca_Kabuli_LG06	2973756	[A/C]	Ca_10439	INTRON	Alpha-D-phosphohexomutase
#Ca_Kabuli_SNP998	Ca_Kabuli_LG04	10200521	[C/A]	Ca_08490	INTRON	Peptidase M28
#Ca_Kabuli_SNP999	Ca_Kabuli_LG05	44422686	[C/A]	Ca_03889	INTRON	SET domain
#Ca_Kabuli_SNP1000	Ca_Kabuli_LG07	7737899	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1001	Ca_Kabuli_LG06	6444243	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1002	Ca_Kabuli_LG05	41678072	[A/T]	Ca_19215	INTRON	Argonaute/Dicer protein, PAZ
#Ca_Kabuli_SNP1003	scaffold307	215950	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1004	Ca_Kabuli_LG08	8560283	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1005	Ca_Kabuli_LG02	26035673	[C/T]	Ca_14310	NON_SYNONYMOUS_CODING	Pentatricopeptide repeat
#Ca_Kabuli_SNP1006	Ca_Kabuli_LG08	16284238	[C/T]	Ca_15549	INTRON	--
#Ca_Kabuli_SNP1007	Ca_Kabuli_LG01	2481257	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1008	Ca_Kabuli_LG05	32171632	[G/A]	Ca_04917	INTRON	Tetrapyrrole methylase
#Ca_Kabuli_SNP1009	scaffold1245	625332	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1010	Ca_Kabuli_LG06	20766355	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1011	Ca_Kabuli_LG06	11128164	[G/T]	Ca_20479	INTRON	Glycoside hydrolase, family 63
#Ca_Kabuli_SNP1012	Ca_Kabuli_LG05	48005082	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1013	Ca_Kabuli_LG05	34857308	[G/T]	Ca_01754	INTRON	AUX/IAA protein
#Ca_Kabuli_SNP1014	Ca_Kabuli_LG04	30603950	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1015	Ca_Kabuli_LG07	27210919	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1016	scaffold948	732450	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1017	Ca_Kabuli_LG06	11131020	[A/G]	Ca_20479	INTRON	Glycoside hydrolase, family 63
#Ca_Kabuli_SNP1018	scaffold1860	129956	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1019	Ca_Kabuli_LG05	43758846	[A/C]	Ca_12676	NON_SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP1020	Ca_Kabuli_LG03	22225134	[A/T]	Ca_20408	NON_SYNONYMOUS_CODING	Plastocyanin-like
#Ca_Kabuli_SNP1021	Ca_Kabuli_LG04	15389726	[A/T]	Ca_05557	NON_SYNONYMOUS_CODING	Multi antimicrobial extrusion protein

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1022	scaffold3270	23636	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1023	Ca_Kabuli_LG01	11676536	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1024	Ca_Kabuli_LG06	11106776	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1025	Ca_Kabuli_LG06	11180702	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1026	Ca_Kabuli_LG06	11189051	[A/G]	Ca_20485	SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1027	Ca_Kabuli_LG06	11185980	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1028	Ca_Kabuli_LG02	33486730	[T/G]	Ca_10183	SYNONYMOUS_CODING	Telomerase activating protein Est1
#Ca_Kabuli_SNP1029	scaffold292	103596	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1030	scaffold1236	9015	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1031	Ca_Kabuli_LG06	11131010	[T/A]	Ca_20479	INTRON	Glycoside hydrolase, family 63
#Ca_Kabuli_SNP1032	Ca_Kabuli_LG06	11098001	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1033	scaffold194	3546	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1034	Ca_Kabuli_LG04	48322502	[T/C]	Ca_10754	DOWNSTREAM:1634bases	Cytochrome P450
#Ca_Kabuli_SNP1035	Ca_Kabuli_LG06	11188803	[G/A]	Ca_20485	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1036	Ca_Kabuli_LG06	11069554	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1037	Ca_Kabuli_LG06	14353624	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1038	Ca_Kabuli_LG04	5701902	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1039	Ca_Kabuli_LG06	10991717	[T/A]	Ca_20467	NON_SYNONYMOUS_CODING	Zinc finger, MYND-type
#Ca_Kabuli_SNP1040	Ca_Kabuli_LG05	10919414	[C/A]	Ca_23750	INTRON	MoeA, C-terminal, domain IV
#Ca_Kabuli_SNP1041	Ca_Kabuli_LG06	10781522	[G/T]	Ca_08519	INTRON	Kinesin, motor domain
#Ca_Kabuli_SNP1042	Ca_Kabuli_LG03	26849263	[A/C]	Ca_08222	NON_SYNONYMOUS_CODING	Regulator of chromosome condensation, RCC1
#Ca_Kabuli_SNP1043	Ca_Kabuli_LG04	615690	[A/C]	Ca_07692	NON_SYNONYMOUS_CODING	HEAT, type 2
#Ca_Kabuli_SNP1044	Ca_Kabuli_LG04	48470477	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1045	Ca_Kabuli_LG06	10785459	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1046	Ca_Kabuli_LG04	26645875	[A/G]	Ca_24999	SYNONYMOUS_CODING	Excinuclease ABC, C subunit, N-terminal
#Ca_Kabuli_SNP1047	Ca_Kabuli_LG04	48478058	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1048	Ca_Kabuli_LG04	48355358	[T/A]	Ca_10751	INTRON	Exonuclease
#Ca_Kabuli_SNP1049	Ca_Kabuli_LG02	13297596	[G/A]	Ca_11679	DOWNSTREAM:1269bases	Initiation factor 2B-related
#Ca_Kabuli_SNP1050	Ca_Kabuli_LG04	23267886	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1051	Ca_Kabuli_LG06	7609380	[G/A]	Ca_09623	DOWNSTREAM:314bases	Ribosomal protein L6E
#Ca_Kabuli_SNP1052	Ca_Kabuli_LG06	8029310	[G/C]	Ca_09571	SYNONYMOUS_CODING	TLDC

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1053	Ca_Kabuli_LG06	7581956	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1054	Ca_Kabuli_LG04	48478018	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1055	Ca_Kabuli_LG04	2034429	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1056	Ca_Kabuli_LG06	7829627	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1057	Ca_Kabuli_LG07	10521431	[G/C]	Ca_12811	NON_SYNONYMOUS_CODING	Zinc finger, RING-type
#Ca_Kabuli_SNP1058	Ca_Kabuli_LG06	7582726	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1059	Ca_Kabuli_LG06	8029226	[C/T]	Ca_09571	SYNONYMOUS_CODING	TLDc
#Ca_Kabuli_SNP1060	scaffold61	27925	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1061	scaffold948	871632	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1062	Ca_Kabuli_LG06	8139446	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1063	Ca_Kabuli_LG06	8091050	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1064	Ca_Kabuli_LG06	2812773	[T/G]	Ca_10416	SYNONYMOUS_CODING	Nucleoporin, Nup155-like
#Ca_Kabuli_SNP1065	Ca_Kabuli_LG04	48382666	[C/G]	Ca_10748	NON_SYNONYMOUS_CODING	AUX/IAA protein
#Ca_Kabuli_SNP1066	Ca_Kabuli_LG06	7994732	[G/T]	Ca_09576	SYNONYMOUS_CODING	Late embryogenesis abundant protein, group 2
#Ca_Kabuli_SNP1067	Ca_Kabuli_LG04	48497839	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1068	Ca_Kabuli_LG06	8170633	[A/G]	Ca_09552	INTRON	Enhancer of polycomb-like, N-terminal
#Ca_Kabuli_SNP1069	Ca_Kabuli_LG05	35715571	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1070	Ca_Kabuli_LG04	48498181	[C/G]	Ca_10741	DOWNSTREAM:1816bases	Eukaryotic initiation factor 3, gamma subunit
#Ca_Kabuli_SNP1071	Ca_Kabuli_LG04	48345604	[G/A]	Ca_10752	INTRON	IQ motif, EF-hand binding site
#Ca_Kabuli_SNP1072	scaffold239	7549	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1073	Ca_Kabuli_LG04	45165191	[T/C]	Ca_09179	DOWNSTREAM:1240bases	Cation/H+ exchanger
#Ca_Kabuli_SNP1074	Ca_Kabuli_LG06	8076394	[T/C]	Ca_09564	INTRON	Ras GTPase
#Ca_Kabuli_SNP1075	Ca_Kabuli_LG06	8166339	[T/C]	Ca_09552	INTRON	Enhancer of polycomb-like, N-terminal
#Ca_Kabuli_SNP1076	Ca_Kabuli_LG01	46437023	[T/G]	Ca_21547	SYNONYMOUS_CODING	Adenylate kinase
#Ca_Kabuli_SNP1077	Ca_Kabuli_LG04	19263967	[T/G]	Ca_14024	INTRON	--
#Ca_Kabuli_SNP1078	Ca_Kabuli_LG07	5577298	[A/C]	Ca_06805	NON_SYNONYMOUS_CODING	F-box domain, cyclin-like
#Ca_Kabuli_SNP1079	scaffold559	465704	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1080	scaffold269	34175	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1081	Ca_Kabuli_LG06	8170583	[C/T]	Ca_09552	INTRON	Enhancer of polycomb-like, N-terminal
#Ca_Kabuli_SNP1082	Ca_Kabuli_LG04	45220422	[C/T]	Ca_09184	NON_SYNONYMOUS_CODING	K Homology
#Ca_Kabuli_SNP1083	Ca_Kabuli_LG06	7832023	[C/T]	Ca_09595	NON_SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1084	scaffold948	1263455	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1085	Ca_Kabuli_LG01	24450415	[T/C]	Ca_18343	INTRON	Ribulose-phosphate 3-epimerase
#Ca_Kabuli_SNP1086	Ca_Kabuli_LG04	48355468	[T/G]	Ca_10751	INTRON	Exonuclease
#Ca_Kabuli_SNP1087	Ca_Kabuli_LG06	7929607	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1088	scaffold184	150147	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1089	Ca_Kabuli_LG04	45153110	[C/T]	Ca_09178	INTRON	Histone deacetylase superfamily
#Ca_Kabuli_SNP1090	Ca_Kabuli_LG06	7926416	[C/A]	Ca_09581	DOWNSTREAM:1853bases	Acyl-CoA oxidase, C-terminal
#Ca_Kabuli_SNP1091	Ca_Kabuli_LG06	8084950	[T/A]	Ca_09563	DOWNSTREAM:115bases	Mitochondrial carrier protein
#Ca_Kabuli_SNP1092	Ca_Kabuli_LG02	31975322	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1093	Ca_Kabuli_LG04	48497926	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1094	Ca_Kabuli_LG06	7831409	[C/T]	Ca_09595	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP1095	Ca_Kabuli_LG06	7834595	[C/T]	Ca_09595	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP1096	Ca_Kabuli_LG06	7835984	[T/A]	Ca_09595	NON_SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP1097	Ca_Kabuli_LG06	7770357	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1098	Ca_Kabuli_LG04	10971334	[A/T]	Ca_04330	SYNONYMOUS_CODING	WD40 repeat
#Ca_Kabuli_SNP1099	Ca_Kabuli_LG06	7829485	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1100	scaffold1860	129950	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1101	Ca_Kabuli_LG04	44754355	[C/T]	Ca_09143	INTRON	F-box domain, cyclin-like
#Ca_Kabuli_SNP1102	Ca_Kabuli_LG01	27017559	[G/A]	Ca_20299	INTRON	Cystathionine beta-synthase, core
#Ca_Kabuli_SNP1103	Ca_Kabuli_LG06	7667301	[T/C]	Ca_09615	INTRON	Ribosomal protein L6E
#Ca_Kabuli_SNP1104	Ca_Kabuli_LG06	7667328	[A/T]	Ca_09615	INTRON	Ribosomal protein L6E
#Ca_Kabuli_SNP1105	Ca_Kabuli_LG04	25729905	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1106	Ca_Kabuli_LG06	7835024	[T/A]	Ca_09595	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP1107	Ca_Kabuli_LG04	44832144	[T/C]	Ca_09147	DOWNSTREAM:1658bases	Dilute
#Ca_Kabuli_SNP1108	Ca_Kabuli_LG06	7876049	[A/C]	Ca_09590	DOWNSTREAM:220bases	1-aminocyclopropane-1-carboxylate synthase
#Ca_Kabuli_SNP1109	scaffold844	70535	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1110	Ca_Kabuli_LG07	7792748	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1111	Ca_Kabuli_LG06	17353443	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1112	Ca_Kabuli_LG02	32058615	[T/G]	Ca_17816	NON_SYNONYMOUS_CODING	Ankyrin repeat
#Ca_Kabuli_SNP1113	Ca_Kabuli_LG06	7820481	[C/T]	Ca_09596	NON_SYNONYMOUS_CODING	Mitochondrial inner membrane protein Mitofilin
#Ca_Kabuli_SNP1114	Ca_Kabuli_LG07	15966762	[G/A]	Ca_09880	NON_SYNONYMOUS_CODING	Sugar/inositol transporter

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1115	Ca_Kabuli_LG06	57704216	[T/G]	Ca_13674	SYNONYMOUS_CODING	Orn/Lys/Arg decarboxylase, major domain
#Ca_Kabuli_SNP1116	Ca_Kabuli_LG04	45019764	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1117	Ca_Kabuli_LG06	19433516	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1118	Ca_Kabuli_LG01	42452191	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1119	Ca_Kabuli_LG06	15123033	[C/T]	Ca_05293	INTRON	Dynamin central domain
#Ca_Kabuli_SNP1120	Ca_Kabuli_LG04	48465107	[A/G]	Ca_10746	INTRON	Zinc finger, CCHC-type
#Ca_Kabuli_SNP1121	Ca_Kabuli_LG06	7719829	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1122	Ca_Kabuli_LG06	7719857	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1123	scaffold948	1234641	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1124	Ca_Kabuli_LG02	12519400	[A/C]	Ca_18078	INTRON	WD40 repeat
#Ca_Kabuli_SNP1125	Ca_Kabuli_LG06	7819313	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1126	scaffold847	86981	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1127	Ca_Kabuli_LG04	13970649	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1128	scaffold1245	192417	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1129	Ca_Kabuli_LG02	36275168	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1130	Ca_Kabuli_LG08	11906095	[T/G]	Ca_23838	DOWNSTREAM:829bases	Per1-like
#Ca_Kabuli_SNP1131	Ca_Kabuli_LG06	7819348	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1132	Ca_Kabuli_LG07	14685017	[C/T]	Ca_09976	DOWNSTREAM:1307bases	Zinc finger, RanBP2-type
#Ca_Kabuli_SNP1133	scaffold950	204642	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1134	Ca_Kabuli_LG04	45225165	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1135	Ca_Kabuli_LG05	41283153	[G/T]	Ca_07642	NON_SYNONYMOUS_CODING	Protein of unknown function DUF1296
#Ca_Kabuli_SNP1136	Ca_Kabuli_LG08	4807099	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1137	Ca_Kabuli_LG04	8660125	[A/C]	Ca_08360	NON_SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP1138	Ca_Kabuli_LG04	6854533	[A/C]	Ca_03554	INTRON	ABC transporter, transmembrane domain
#Ca_Kabuli_SNP1139	Ca_Kabuli_LG04	45022550	[A/T]	Ca_09165	INTRON	Mrp, conserved site
#Ca_Kabuli_SNP1140	Ca_Kabuli_LG05	9851952	[C/A]	Ca_20503	INTRON	Tetratricopeptide TPR-1
#Ca_Kabuli_SNP1141	Ca_Kabuli_LG06	6517785	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1142	Ca_Kabuli_LG06	14769691	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1143	Ca_Kabuli_LG04	45204213	[A/G]	Ca_09182	SYNONYMOUS_CODING	Cation/H+ exchanger
#Ca_Kabuli_SNP1144	Ca_Kabuli_LG04	5528421	[T/G]	Ca_03702	SYNONYMOUS_CODING	Zinc finger, RING-type
#Ca_Kabuli_SNP1145	Ca_Kabuli_LG07	24021690	[T/G]	Ca_19916	NON_SYNONYMOUS_CODING	ZF-HD homeobox protein, Cys/His-rich dimerisation domain



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1146	Ca_Kabuli_LG08	5870664	[T/C]	Ca_01965	NON_SYNONYMOUS_CODING	Armadillo
#Ca_Kabuli_SNP1147	Ca_Kabuli_LG04	44372986	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1148	Ca_Kabuli_LG04	44446575	[G/A]	Ca_09116	SYNONYMOUS_CODING	F-box domain, cyclin-like
#Ca_Kabuli_SNP1149	Ca_Kabuli_LG01	4908732	[A/T]	Ca_00577	NON_SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP1150	Ca_Kabuli_LG05	41525956	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1151	Ca_Kabuli_LG06	5185380	[A/G]	Ca_05778	NON_SYNONYMOUS_CODING	Protein BYPASS-related
#Ca_Kabuli_SNP1152	Ca_Kabuli_LG03	31952330	[T/C]	Ca_12295	SYNONYMOUS_CODING	HEAT
#Ca_Kabuli_SNP1153	scaffold436	245036	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1154	Ca_Kabuli_LG06	46734665	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1155	Ca_Kabuli_LG04	44431319	[A/C]	Ca_09114	INTRON	Peptidase C19, ubiquitin carboxyl-terminal hydrolase 2
#Ca_Kabuli_SNP1156	scaffold559	34700	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1157	Ca_Kabuli_LG06	6248218	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1158	Ca_Kabuli_LG04	44366719	[T/A]	Ca_09107	DOWNSTREAM:619bases	--
#Ca_Kabuli_SNP1159	Ca_Kabuli_LG06	4994876	[T/A]	Ca_05794	NON_SYNONYMOUS_CODING	K+ potassium transporter
#Ca_Kabuli_SNP1160	scaffold461	309725	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1161	Ca_Kabuli_LG06	27385025	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1162	Ca_Kabuli_LG06	10780228	[C/T]	Ca_08519	INTRON	Kinesin, motor domain
#Ca_Kabuli_SNP1163	Ca_Kabuli_LG06	10780240	[T/C]	Ca_08519	INTRON	Kinesin, motor domain
#Ca_Kabuli_SNP1164	Ca_Kabuli_LG04	23267869	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1165	Ca_Kabuli_LG06	10744029	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1166	Ca_Kabuli_LG06	10743996	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1167	Ca_Kabuli_LG01	18748594	[C/A]	Ca_17381	SYNONYMOUS_CODING	APO protein, plant
#Ca_Kabuli_SNP1168	Ca_Kabuli_LG06	10670729	[T/G]	Ca_08530	INTRON	Aspartate/glutamate/uridylylate kinase
#Ca_Kabuli_SNP1169	Ca_Kabuli_LG04	35634712	[A/G]	Ca_22441	DOWNSTREAM:1361bases	Translation elongation factor EFG/EF2, C-terminal
#Ca_Kabuli_SNP1170	Ca_Kabuli_LG06	15123074	[G/A]	Ca_05293	INTRON	Dynamin central domain
#Ca_Kabuli_SNP1171	Ca_Kabuli_LG03	24262412	[C/A]	Ca_06094	NON_SYNONYMOUS_CODING	LETM1-like
#Ca_Kabuli_SNP1172	scaffold327	133397	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1173	Ca_Kabuli_LG04	37897351	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1174	Ca_Kabuli_LG01	42452837	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1175	Ca_Kabuli_LG02	32844733	[T/G]	Ca_10238	NON_SYNONYMOUS_CODING	Late embryogenesis abundant protein, group 2
#Ca_Kabuli_SNP1176	Ca_Kabuli_LG04	44059060	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1177	scaffold775	58074	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1178	Ca_Kabuli_LG04	3741522	[T/G]	Ca_12175	SYNONYMOUS_CODING	Histone deacetylation protein Rxt3
#Ca_Kabuli_SNP1179	Ca_Kabuli_LG04	38836381	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1180	Ca_Kabuli_LG06	10779837	[G/A]	Ca_08519	NON_SYNONYMOUS_CODING	Kinesin, motor domain
#Ca_Kabuli_SNP1181	Ca_Kabuli_LG04	5272594	[A/C]	Ca_03728	NON_SYNONYMOUS_CODING	WD40 repeat
#Ca_Kabuli_SNP1182	scaffold6212	575	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1183	scaffold402	404364	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1184	Ca_Kabuli_LG01	9705183	[T/G]	Ca_02826	DOWNSTREAM:1500bases	Nicotinamide N-methyltransferase, putative
#Ca_Kabuli_SNP1185	scaffold19	113584	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1186	Ca_Kabuli_LG04	38474123	[A/T]	Ca_13112	INTRON	BRCT
#Ca_Kabuli_SNP1187	Ca_Kabuli_LG04	38474149	[T/C]	Ca_13112	INTRON	BRCT
#Ca_Kabuli_SNP1188	Ca_Kabuli_LG06	36689043	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1189	Ca_Kabuli_LG04	37349160	[A/T]	Ca_15141	NON_SYNONYMOUS_CODING	Methyltransferase TRM13
#Ca_Kabuli_SNP1190	Ca_Kabuli_LG04	37454374	[C/T]	Ca_15130	INTRON	Mediator complex subunit Med23
#Ca_Kabuli_SNP1191	Ca_Kabuli_LG05	24822644	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1192	Ca_Kabuli_LG04	40941283	[A/G]	Ca_11014	SYNONYMOUS_CODING	Proteasome component (PCI) domain
#Ca_Kabuli_SNP1193	Ca_Kabuli_LG04	17858133	[C/T]	Ca_18622	INTRON	IKI3
#Ca_Kabuli_SNP1194	Ca_Kabuli_LG06	1843341	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1195	Ca_Kabuli_LG07	25218387	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1196	Ca_Kabuli_LG04	35634873	[T/G]	Ca_22441	DOWNSTREAM:1522bases	Translation elongation factor EFG/EF2, C-terminal
#Ca_Kabuli_SNP1197	scaffold204	15590	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1198	Ca_Kabuli_LG04	36975361	[C/A]	Ca_14796	INTRON	Helicase, C-terminal
#Ca_Kabuli_SNP1199	Ca_Kabuli_LG04	35171719	[C/T]	Ca_20011	INTRON	--
#Ca_Kabuli_SNP1200	Ca_Kabuli_LG04	36670226	[G/A]	Ca_14814	INTRON	ATPase, AAA+ type, core
#Ca_Kabuli_SNP1201	Ca_Kabuli_LG01	10861326	[T/G]	Ca_02673	INTRON	Glycoside hydrolase, family 1
#Ca_Kabuli_SNP1202	Ca_Kabuli_LG03	26659077	[A/C]	Ca_08243	NON_SYNONYMOUS_CODING	Heat shock protein DnaJ, N-terminal
#Ca_Kabuli_SNP1203	Ca_Kabuli_LG04	38195346	[A/G]	Ca_13134	SYNONYMOUS_CODING	Domain of unknown function DUF250
#Ca_Kabuli_SNP1204	scaffold7112	1683	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1205	Ca_Kabuli_LG07	13605200	[A/C]	Ca_16044	SYNONYMOUS_CODING	Zinc finger, C2H2-type
#Ca_Kabuli_SNP1206	Ca_Kabuli_LG04	38181292	[G/A]	Ca_13135	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1207	scaffold7112	1685	[T/C]		INTERGENIC	

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#Ca_Kabuli_SNP1208	scaffold1997	133462	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1209	Ca_Kabuli_LG04	39116656	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1210	scaffold1997	112836	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1211	Ca_Kabuli_LG04	38929681	[A/G]	Ca_13085	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1212	Ca_Kabuli_LG05	20460859	[T/G]	Ca_18208	NON_SYNONYMOUS_CODING	Tetratricopeptide TPR-1
#Ca_Kabuli_SNP1213	Ca_Kabuli_LG04	49012793	[T/G]	Ca_20771	DOWNSTREAM:159bases	Glycoside hydrolase, family 13
#Ca_Kabuli_SNP1214	scaffold1997	101084	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1215	Ca_Kabuli_LG04	30299995	[T/A]	Ca_14192	SYNONYMOUS_CODING	SNF2-related
#Ca_Kabuli_SNP1216	Ca_Kabuli_LG03	33715215	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1217	Ca_Kabuli_LG07	5508162	[A/C]	Ca_06816	SYNONYMOUS_CODING	SNF2-related
#Ca_Kabuli_SNP1218	Ca_Kabuli_LG05	438442	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1219	Ca_Kabuli_LG06	2540711	[C/T]	Ca_10386	NON_SYNONYMOUS_CODING	Phox/Bem1p
#Ca_Kabuli_SNP1220	Ca_Kabuli_LG06	2540749	[C/T]	Ca_10386	SYNONYMOUS_CODING	Phox/Bem1p
#Ca_Kabuli_SNP1221	Ca_Kabuli_LG06	27310343	[T/A]	Ca_14618	INTRON	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP1222	Ca_Kabuli_LG04	38540247	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1223	Ca_Kabuli_LG06	7846335	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1224	Ca_Kabuli_LG06	1220523	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1225	Ca_Kabuli_LG04	29958122	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1226	scaffold99	352747	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1227	Ca_Kabuli_LG04	37754127	[C/T]	Ca_15104	INTRON	NUDIX hydrolase domain
#Ca_Kabuli_SNP1228	Ca_Kabuli_LG04	38029136	[G/T]	Ca_13142	NON_SYNONYMOUS_CODING	Chaperonin TCP-1, conserved site
#Ca_Kabuli_SNP1229	Ca_Kabuli_LG04	38770348	[T/A]	Ca_13096	NON_SYNONYMOUS_CODING	Fatty acid desaturase, type 2
#Ca_Kabuli_SNP1230	Ca_Kabuli_LG04	38721207	[A/C]	Ca_13098	INTRON	Exostosin-like
#Ca_Kabuli_SNP1231	Ca_Kabuli_LG05	43167941	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1232	Ca_Kabuli_LG08	15692070	[A/G]	Ca_17876	INTRON	RNA-dependent RNA polymerase, eukaryotic-type
#Ca_Kabuli_SNP1233	Ca_Kabuli_LG04	38038959	[G/A]	Ca_13141	INTRON	Protein of unknown function DUF3326
#Ca_Kabuli_SNP1234	Ca_Kabuli_LG06	1843376	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1235	Ca_Kabuli_LG06	1815245	[C/T]	Ca_10308	DOWNSTREAM:913bases	Zinc finger, LIM-type
#Ca_Kabuli_SNP1236	Ca_Kabuli_LG06	1815278	[A/G]	Ca_10308	DOWNSTREAM:880bases	Zinc finger, LIM-type
#Ca_Kabuli_SNP1237	scaffold99	151081	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1238	Ca_Kabuli_LG04	37454296	[A/G]	Ca_15130	INTRON	Mediator complex subunit Med23

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1239	scaffold191	19215	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1240	scaffold107	263899	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1241	scaffold1700	222808	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1242	Ca_Kabuli_LG06	8090739	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1243	scaffold402	300960	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1244	Ca_Kabuli_LG06	8134381	[C/T]	Ca_09555	DOWNSTREAM:672bases	ATPase, P-type, H+ transporting proton pump
#Ca_Kabuli_SNP1245	Ca_Kabuli_LG04	38425720	[T/A]	Ca_13115	NON_SYNONYMOUS_CODING	Zinc finger, CCCH-type
#Ca_Kabuli_SNP1246	Ca_Kabuli_LG04	37241235	[G/A]	Ca_15151	SYNONYMOUS_CODING	Signal transduction response regulator, receiver domain
#Ca_Kabuli_SNP1247	Ca_Kabuli_LG03	31952316	[G/T]	Ca_12295	NON_SYNONYMOUS_CODING	HEAT
#Ca_Kabuli_SNP1248	Ca_Kabuli_LG01	2649739	[A/T]	Ca_00326	NON_SYNONYMOUS_CODING	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP1249	Ca_Kabuli_LG06	24516532	[T/C]	Ca_27822	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1250	Ca_Kabuli_LG06	7929647	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1251	Ca_Kabuli_LG04	38370848	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1252	Ca_Kabuli_LG06	8170170	[A/C]	Ca_09552	INTRON	Enhancer of polycomb-like, N-terminal
#Ca_Kabuli_SNP1253	scaffold1997	49533	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1254	scaffold1245	192713	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1255	Ca_Kabuli_LG04	38008062	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1256	scaffold31	871346	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1257	scaffold1997	107486	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1258	Ca_Kabuli_LG04	35231891	[C/T]	Ca_20015	DOWNSTREAM:1888bases	Metallo-dependent phosphatase
#Ca_Kabuli_SNP1259	Ca_Kabuli_LG04	35304102	[C/T]	Ca_20017	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1260	Ca_Kabuli_LG04	31263205	[T/A]	Ca_14230	NON_SYNONYMOUS_CODING	Pentatricopeptide repeat
#Ca_Kabuli_SNP1261	Ca_Kabuli_LG06	7939281	[G/T]	Ca_09580	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1262	scaffold1997	108599	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1263	Ca_Kabuli_LG06	8070427	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1264	scaffold404	110896	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1265	Ca_Kabuli_LG04	38060338	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1266	scaffold932	138411	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1267	Ca_Kabuli_LG06	2541088	[T/A]	Ca_10386	SYNONYMOUS_CODING	Phox/Bem1p
#Ca_Kabuli_SNP1268	Ca_Kabuli_LG06	8166435	[G/A]	Ca_09552	INTRON	Enhancer of polycomb-like, N-terminal
#Ca_Kabuli_SNP1269	Ca_Kabuli_LG06	8052624	[G/C]	Ca_09568	INTRON	TLDC

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#Ca_Kabuli_SNP1270	Ca_Kabuli_LG04	38029380	[A/G]	Ca_13142	INTRON	Chaperonin TCP-1, conserved site
#Ca_Kabuli_SNP1271	scaffold402	161754	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1272	Ca_Kabuli_LG03	39612568	[T/A]	Ca_01338	SYNONYMOUS_CODING	Profilin/allergen
#Ca_Kabuli_SNP1273	scaffold149	58689	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1274	Ca_Kabuli_LG04	36984727	[G/C]	Ca_14795	INTRON	SNF2-related
#Ca_Kabuli_SNP1275	Ca_Kabuli_LG06	7929339	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1276	Ca_Kabuli_LG06	11659981	[A/G]	Ca_25060	SYNONYMOUS_CODING	Excinuclease ABC, C subunit, N-terminal
#Ca_Kabuli_SNP1277	Ca_Kabuli_LG04	30463117	[A/C]	Ca_14198	DOWNSTREAM:1742bases	Myb, DNA-binding
#Ca_Kabuli_SNP1278	Ca_Kabuli_LG04	38833521	[G/A]	Ca_13092	DOWNSTREAM:1995bases	Ribosomal biogenesis, methyltransferase, EMG1/NEP1
#Ca_Kabuli_SNP1279	scaffold2477	38566	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1280	scaffold191	410571	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1281	Ca_Kabuli_LG04	37453497	[C/G]	Ca_15130	SYNONYMOUS_CODING	Mediator complex subunit Med23
#Ca_Kabuli_SNP1282	Ca_Kabuli_LG04	38475449	[T/A]	Ca_13112	INTRON	BRCT
#Ca_Kabuli_SNP1283	scaffold99	106331	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1284	Ca_Kabuli_LG04	36979926	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1285	Ca_Kabuli_LG04	38833280	[T/C]	Ca_13092	DOWNSTREAM:1754bases	Ribosomal biogenesis, methyltransferase, EMG1/NEP1
#Ca_Kabuli_SNP1286	Ca_Kabuli_LG04	38833304	[C/A]	Ca_13092	DOWNSTREAM:1778bases	Ribosomal biogenesis, methyltransferase, EMG1/NEP1
#Ca_Kabuli_SNP1287	Ca_Kabuli_LG04	38370941	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1288	scaffold1997	108763	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1289	scaffold1997	107087	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1290	Ca_Kabuli_LG06	2527768	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1291	Ca_Kabuli_LG06	49222290	[C/T]	Ca_20725	DOWNSTREAM:1925bases	Development/cell death domain
#Ca_Kabuli_SNP1292	Ca_Kabuli_LG04	38288823	[T/G]	Ca_13128	NON_SYNONYMOUS_CODING	Protein of unknown function DUF869, plant
#Ca_Kabuli_SNP1293	Ca_Kabuli_LG06	7835510	[G/A]	Ca_09595	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP1294	Ca_Kabuli_LG04	36756913	[A/G]	Ca_14808	SYNONYMOUS_CODING	Phosphofructokinase domain
#Ca_Kabuli_SNP1295	Ca_Kabuli_LG06	7747254	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1296	Ca_Kabuli_LG05	20443993	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1297	Ca_Kabuli_LG04	38918424	[A/G]	Ca_13086	SYNONYMOUS_CODING	General substrate transporter
#Ca_Kabuli_SNP1298	Ca_Kabuli_LG04	36639382	[T/C]	Ca_14816	DOWNSTREAM:1236bases	FAD dependent oxidoreductase
#Ca_Kabuli_SNP1299	scaffold31	1050164	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1300	Ca_Kabuli_LG04	38029215	[A/T]	Ca_13142	INTRON	Chaperonin TCP-1, conserved site

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#Ca_Kabuli_SNP1301	scaffold99	355222	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1302	scaffold31	911602	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1303	Ca_Kabuli_LG06	7831899	[A/G]	Ca_09595	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP1304	Ca_Kabuli_LG04	38976822	[A/C]	Ca_13081	INTRON	Folypolyglutamate synthetase
#Ca_Kabuli_SNP1305	Ca_Kabuli_LG04	38039251	[G/C]	Ca_13141	INTRON	Protein of unknown function DUF3326
#Ca_Kabuli_SNP1306	Ca_Kabuli_LG06	7609573	[A/G]	Ca_09623	DOWNSTREAM:121bases	Ribosomal protein L6E
#Ca_Kabuli_SNP1307	scaffold443	183063	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1308	Ca_Kabuli_LG04	38475547	[C/T]	Ca_13112	INTRON	BRCT
#Ca_Kabuli_SNP1309	Ca_Kabuli_LG04	24261779	[A/C]	Ca_14398	DOWNSTREAM:1318bases	--
#Ca_Kabuli_SNP1310	Ca_Kabuli_LG06	3985519	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1311	scaffold608	62660	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1312	Ca_Kabuli_LG04	39033314	[G/C]	Ca_13078	INTRON	RNA recognition motif domain
#Ca_Kabuli_SNP1313	Ca_Kabuli_LG04	38343796	[T/C]	Ca_13121	DOWNSTREAM:186bases	Peptidase A2
#Ca_Kabuli_SNP1314	Ca_Kabuli_LG06	7581799	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1315	Ca_Kabuli_LG04	38475310	[A/C]	Ca_13112	INTRON	BRCT
#Ca_Kabuli_SNP1316	Ca_Kabuli_LG06	7851000	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1317	Ca_Kabuli_LG04	36799668	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1318	Ca_Kabuli_LG04	36754378	[C/T]	Ca_14808	INTRON	Phosphofructokinase domain
#Ca_Kabuli_SNP1319	Ca_Kabuli_LG04	38358398	[A/G]	Ca_13120	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP1320	Ca_Kabuli_LG04	37454636	[A/G]	Ca_15130	INTRON	Mediator complex subunit Med23
#Ca_Kabuli_SNP1321	Ca_Kabuli_LG04	36673677	[C/A]	Ca_14813	DOWNSTREAM:1785bases	Domain of unknown function DUF862, eukaryotic
#Ca_Kabuli_SNP1322	Ca_Kabuli_LG04	38405153	[C/T]	Ca_13117	INTRON	Protein of unknown function DUF248, methyltransferase puta
#Ca_Kabuli_SNP1323	Ca_Kabuli_LG04	38060368	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1324	scaffold1074	92106	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1325	Ca_Kabuli_LG04	38039046	[T/C]	Ca_13141	INTRON	Protein of unknown function DUF3326
#Ca_Kabuli_SNP1326	scaffold1997	49700	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1327	Ca_Kabuli_LG06	2543096	[C/T]	Ca_10386	DOWNSTREAM:1235bases	Phox/Bem1p
#Ca_Kabuli_SNP1328	Ca_Kabuli_LG04	38724356	[C/A]	Ca_13098	INTRON	Exostosin-like
#Ca_Kabuli_SNP1329	scaffold1997	106936	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1330	Ca_Kabuli_LG04	35574088	[C/G]	Ca_22438	DOWNSTREAM:137bases	Transcription factor, MADS-box
#Ca_Kabuli_SNP1331	Ca_Kabuli_LG04	35229966	[C/T]	Ca_20015	NON_SYNONYMOUS_CODING	Metallo-dependent phosphatase

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#Ca_Kabuli_SNP1332	Ca_Kabuli_LG03	26659097	[A/C]	Ca_08243	NON_SYNONYMOUS_CODING	Heat shock protein DnaJ, N-terminal
#Ca_Kabuli_SNP1333	Ca_Kabuli_LG06	7834922	[A/G]	Ca_09595	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP1334	Ca_Kabuli_LG04	37450294	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1335	Ca_Kabuli_LG06	158938	[T/A]	Ca_13246	INTRON	Zinc finger, PHD-type
#Ca_Kabuli_SNP1336	Ca_Kabuli_LG04	37364980	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1337	scaffold402	137196	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1338	Ca_Kabuli_LG06	7744730	[G/A]	Ca_09604	INTRON	ABC-1
#Ca_Kabuli_SNP1339	scaffold403	110316	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1340	Ca_Kabuli_LG06	2542942	[T/A]	Ca_10386	DOWNSTREAM:1081bases	Phox/Bem1p
#Ca_Kabuli_SNP1341	Ca_Kabuli_LG06	2542981	[C/T]	Ca_10386	DOWNSTREAM:1120bases	Phox/Bem1p
#Ca_Kabuli_SNP1342	Ca_Kabuli_LG04	38362132	[A/T]	Ca_13120	NON_SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP1343	scaffold256	299009	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1344	Ca_Kabuli_LG03	19792758	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1345	Ca_Kabuli_LG06	7694594	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1346	Ca_Kabuli_LG06	7719877	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1347	Ca_Kabuli_LG01	24450511	[A/G]	Ca_18343	INTRON	Ribulose-phosphate 3-epimerase
#Ca_Kabuli_SNP1348	Ca_Kabuli_LG04	2113227	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1349	Ca_Kabuli_LG06	3803788	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1350	Ca_Kabuli_LG03	10142131	[T/G]	Ca_18811	INTRON	WD40 repeat
#Ca_Kabuli_SNP1351	Ca_Kabuli_LG06	7661924	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1352	scaffold31	1053215	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1353	Ca_Kabuli_LG02	33345575	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1354	scaffold1997	107376	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1355	Ca_Kabuli_LG07	21736778	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1356	scaffold1997	82328	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1357	scaffold1997	99364	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1358	Ca_Kabuli_LG06	24235632	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1359	scaffold123	143434	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1360	scaffold402	300972	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1361	Ca_Kabuli_LG06	5590085	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1362	scaffold733	70241	[T/A]		INTERGENIC	

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#Ca_Kabuli_SNP1363	Ca_Kabuli_LG04	48457876	[C/T]	Ca_10747	INTRON	Protein of unknown function DUF869, plant
#Ca_Kabuli_SNP1364	Ca_Kabuli_LG01	3260243	[C/A]	Ca_00397	NON_SYNONYMOUS_CODING	Granulin
#Ca_Kabuli_SNP1365	Ca_Kabuli_LG04	42592218	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1366	Ca_Kabuli_LG06	10395281	[C/T]	Ca_08553	INTRON	Small ubiquitin-related modifier, SUMO
#Ca_Kabuli_SNP1367	Ca_Kabuli_LG01	15964060	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1368	Ca_Kabuli_LG05	40632788	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1369	Ca_Kabuli_LG07	26692131	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1370	Ca_Kabuli_LG05	234410	[A/C]	Ca_18178	NON_SYNONYMOUS_CODING	Protein of unknown function DUF647
#Ca_Kabuli_SNP1371	Ca_Kabuli_LG04	13588956	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1372	Ca_Kabuli_LG06	8749010	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1373	Ca_Kabuli_LG04	13660846	[A/G]	Ca_04585	SYNONYMOUS_CODING	Pentatricopeptide repeat
#Ca_Kabuli_SNP1374	Ca_Kabuli_LG04	11274281	[C/T]	Ca_04359	SYNONYMOUS_CODING	Peptidase M14, carboxypeptidase A
#Ca_Kabuli_SNP1375	Ca_Kabuli_LG07	21639244	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1376	Ca_Kabuli_LG06	16715836	[A/C]	Ca_06303	NON_SYNONYMOUS_CODING	DNA mismatch repair protein MutS, C-terminal domain
#Ca_Kabuli_SNP1377	Ca_Kabuli_LG05	29007884	[A/C]	Ca_23834	NON_SYNONYMOUS_CODING	Camphor resistance CrcB protein
#Ca_Kabuli_SNP1378	Ca_Kabuli_LG04	11343230	[C/G]	Ca_04368	INTRON	Zinc finger, DHHC-type, palmitoyltransferase
#Ca_Kabuli_SNP1379	Ca_Kabuli_LG04	11465075	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1380	Ca_Kabuli_LG06	33495705	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1381	Ca_Kabuli_LG07	26940955	[T/G]	Ca_16240	SYNONYMOUS_CODING	Plastocyanin-like
#Ca_Kabuli_SNP1382	Ca_Kabuli_LG02	26706782	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1383	Ca_Kabuli_LG04	11276413	[C/G]	Ca_04359	INTRON	Peptidase M14, carboxypeptidase A
#Ca_Kabuli_SNP1384	Ca_Kabuli_LG04	11257588	[C/T]	Ca_04358	SYNONYMOUS_CODING	Peptidase M14, carboxypeptidase A
#Ca_Kabuli_SNP1385	Ca_Kabuli_LG04	11490496	[G/A]	Ca_04384	SYNONYMOUS_CODING	Tubby, C-terminal
#Ca_Kabuli_SNP1386	Ca_Kabuli_LG04	11277574	[C/G]	Ca_04359	SYNONYMOUS_CODING	Peptidase M14, carboxypeptidase A
#Ca_Kabuli_SNP1387	Ca_Kabuli_LG04	11435651	[A/G]	Ca_04378	SYNONYMOUS_CODING	Zinc finger, DHHC-type, palmitoyltransferase
#Ca_Kabuli_SNP1388	Ca_Kabuli_LG04	11441735	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1389	Ca_Kabuli_LG04	11435380	[T/C]	Ca_04378	SYNONYMOUS_CODING	Zinc finger, DHHC-type, palmitoyltransferase
#Ca_Kabuli_SNP1390	Ca_Kabuli_LG06	15589539	[A/T]	Ca_05341	INTRON	Terpene synthase-like
#Ca_Kabuli_SNP1391	Ca_Kabuli_LG06	8787559	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1392	scaffold932	7296	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1393	Ca_Kabuli_LG02	36375627	[A/C]	Ca_09827	NON_SYNONYMOUS_CODING	Domain of unknown function DUF632



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1394	scaffold844	70526	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1395	Ca_Kabuli_LG02	33398550	[G/A]	Ca_10186	DOWNSTREAM:300bases	Disease resistance protein
#Ca_Kabuli_SNP1396	Ca_Kabuli_LG04	8865427	[A/G]	Ca_08384	DOWNSTREAM:1383bases	Peptidase M22, glycoprotease
#Ca_Kabuli_SNP1397	Ca_Kabuli_LG03	31091085	[A/C]	Ca_12206	NON_SYNONYMOUS_CODING	Histone H1/H5
#Ca_Kabuli_SNP1398	Ca_Kabuli_LG04	8695562	[T/C]	Ca_08365	INTRON	Glycoside hydrolase, family 13, N-terminal
#Ca_Kabuli_SNP1399	scaffold214	60932	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1400	Ca_Kabuli_LG04	8660115	[T/A]	Ca_08360	SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP1401	Ca_Kabuli_LG04	8752822	[T/C]	Ca_08371	NON_SYNONYMOUS_CODING	No apical meristem (NAM) protein
#Ca_Kabuli_SNP1402	Ca_Kabuli_LG04	8805667	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1403	Ca_Kabuli_LG04	8656398	[A/G]	Ca_08359	SYNONYMOUS_CODING	Protein of unknown function DUF594
#Ca_Kabuli_SNP1404	Ca_Kabuli_LG05	25697494	[G/A]	Ca_09026	NON_SYNONYMOUS_CODING	Ribosomal protein S21
#Ca_Kabuli_SNP1405	scaffold436	245034	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1406	Ca_Kabuli_LG07	32784921	[A/T]	Ca_10015	SYNONYMOUS_CODING	Transcription initiation factor TFIID
#Ca_Kabuli_SNP1407	Ca_Kabuli_LG05	30035763	[A/C]	Ca_04680	SYNONYMOUS_CODING	Sugar/inositol transporter
#Ca_Kabuli_SNP1408	Ca_Kabuli_LG04	3037899	[A/C]	Ca_12102	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1409	Ca_Kabuli_LG07	13860754	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1410	Ca_Kabuli_LG07	27157236	[C/A]	Ca_16230	INTRON	Bromo adjacent homology (BAH) domain
#Ca_Kabuli_SNP1411	scaffold247	3221	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1412	Ca_Kabuli_LG02	9756955	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1413	scaffold1676	50671	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1414	scaffold186	111933	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1415	Ca_Kabuli_LG04	1708370	[C/T]	Ca_07797	SYNONYMOUS_CODING	BEACH domain
#Ca_Kabuli_SNP1416	Ca_Kabuli_LG03	30004211	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1417	Ca_Kabuli_LG04	42038742	[A/T]	Ca_10919	DOWNSTREAM:1003bases	Glycoside hydrolase, family 28
#Ca_Kabuli_SNP1418	Ca_Kabuli_LG07	22707344	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1419	Ca_Kabuli_LG04	48498133	[C/T]	Ca_10741	DOWNSTREAM:1864bases	Eukaryotic initiation factor 3, gamma subunit
#Ca_Kabuli_SNP1420	Ca_Kabuli_LG01	215053	[G/T]	Ca_00017	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1421	scaffold1676	50701	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1422	Ca_Kabuli_LG04	24861477	[T/G]	Ca_20847	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1423	Ca_Kabuli_LG04	3307908	[A/T]	Ca_12131	INTRON	Actin-binding, cofilin/tropomyosin type
#Ca_Kabuli_SNP1424	Ca_Kabuli_LG08	16102356	[G/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1425	Ca_Kabuli_LG07	14325903	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1426	scaffold165	3158	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1427	Ca_Kabuli_LG05	46156202	[C/T]	Ca_04067	DOWNSTREAM:1050bases	Heavy metal transport/detoxification protein
#Ca_Kabuli_SNP1428	Ca_Kabuli_LG04	4154507	[T/G]	Ca_03840	INTRON	--
#Ca_Kabuli_SNP1429	Ca_Kabuli_LG05	30811245	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1430	Ca_Kabuli_LG06	50378387	[A/C]	Ca_13465	SYNONYMOUS_CODING	ABC transporter-like
#Ca_Kabuli_SNP1431	scaffold365	401905	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1432	Ca_Kabuli_LG05	44887020	[C/T]	Ca_03932	SYNONYMOUS_CODING	Sec1-like protein
#Ca_Kabuli_SNP1433	Ca_Kabuli_LG05	41837505	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1434	Ca_Kabuli_LG05	44938814	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1435	Ca_Kabuli_LG07	21639238	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1436	Ca_Kabuli_LG05	44911842	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1437	Ca_Kabuli_LG04	39042938	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1438	scaffold6371	375	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1439	scaffold32	137462	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1440	scaffold120	108985	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1441	scaffold404	71998	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1442	Ca_Kabuli_LG05	44824496	[C/T]	Ca_03925	INTRON	Transcription elongation factor Spt5, NGN domain
#Ca_Kabuli_SNP1443	scaffold585	108908	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1444	scaffold2931	96223	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1445	Ca_Kabuli_LG06	49044802	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1446	Ca_Kabuli_LG05	25747850	[T/A]	Ca_09023	NON_SYNONYMOUS_CODING	AB-hydrolase-associated lipase region
#Ca_Kabuli_SNP1447	Ca_Kabuli_LG04	12609670	[A/C]	Ca_04483	DOWNSTREAM:1034bases	Zinc finger, RING-type
#Ca_Kabuli_SNP1448	Ca_Kabuli_LG03	11906828	[G/A]	Ca_22253	INTRON	--
#Ca_Kabuli_SNP1449	Ca_Kabuli_LG07	26161030	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1450	Ca_Kabuli_LG04	44458789	[T/C]	Ca_09118	INTRON	Oxoglutarate/iron-dependent oxygenase
#Ca_Kabuli_SNP1451	Ca_Kabuli_LG05	22065859	[G/A]	Ca_21161	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1452	Ca_Kabuli_LG04	35977422	[A/G]	Ca_14857	INTRON	Ribosomal protein L19
#Ca_Kabuli_SNP1453	scaffold62	287933	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1454	Ca_Kabuli_LG05	40359446	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1455	Ca_Kabuli_LG05	40359447	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1456	Ca_Kabuli_LG05	40359451	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1457	Ca_Kabuli_LG05	40359449	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1458	scaffold6212	595	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1459	Ca_Kabuli_LG05	40736291	[C/G]	Ca_07594	INTRON	--
#Ca_Kabuli_SNP1460	Ca_Kabuli_LG05	38857770	[G/A]	Ca_07437	DOWNSTREAM:1069bases	Cytochrome P450
#Ca_Kabuli_SNP1461	Ca_Kabuli_LG05	39943298	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1462	Ca_Kabuli_LG05	40025377	[A/T]	Ca_07531	INTRON	Argonaute/Dicer protein, PAZ
#Ca_Kabuli_SNP1463	Ca_Kabuli_LG05	28757485	[C/A]	Ca_13354	SYNONYMOUS_CODING	Protein of unknown function DUF827, plant
#Ca_Kabuli_SNP1464	scaffold727	90013	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1465	Ca_Kabuli_LG08	1475873	[A/C]	Ca_15024	NON_SYNONYMOUS_CODING	WD40 repeat
#Ca_Kabuli_SNP1466	Ca_Kabuli_LG05	28721236	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1467	Ca_Kabuli_LG05	28721237	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1468	Ca_Kabuli_LG01	2288186	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1469	Ca_Kabuli_LG05	28854486	[T/C]	Ca_13347	DOWNSTREAM:1247bases	Transcription factor Tfb4
#Ca_Kabuli_SNP1470	Ca_Kabuli_LG05	28758723	[G/A]	Ca_13354	INTRON	Protein of unknown function DUF827, plant
#Ca_Kabuli_SNP1471	scaffold764	11108	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1472	Ca_Kabuli_LG05	28817832	[G/A]	Ca_13351	DOWNSTREAM:1775bases	Domain of unknown function DUF250
#Ca_Kabuli_SNP1473	Ca_Kabuli_LG05	28717362	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1474	Ca_Kabuli_LG05	28717384	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1475	Ca_Kabuli_LG05	28360495	[T/C]	Ca_13386	SYNONYMOUS_CODING	RNA helicase, ATP-dependent, DEAD-box, conserved site
#Ca_Kabuli_SNP1476	Ca_Kabuli_LG05	27692804	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1477	scaffold232	165818	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1478	Ca_Kabuli_LG05	28581827	[G/A]	Ca_13367	DOWNSTREAM:1316bases	Sel1-like
#Ca_Kabuli_SNP1479	Ca_Kabuli_LG05	28581814	[G/C]	Ca_13367	DOWNSTREAM:1329bases	Sel1-like
#Ca_Kabuli_SNP1480	Ca_Kabuli_LG05	28581815	[C/T]	Ca_13367	DOWNSTREAM:1328bases	Sel1-like
#Ca_Kabuli_SNP1481	Ca_Kabuli_LG05	28748061	[T/C]	Ca_13355	INTRON	Haloacid dehalogenase-like hydrolase
#Ca_Kabuli_SNP1482	Ca_Kabuli_LG05	12590512	[G/A]	Ca_17072	SYNONYMOUS_CODING	Glycerophosphoryl diester phosphodiesterase
#Ca_Kabuli_SNP1483	Ca_Kabuli_LG05	28582806	[G/A]	Ca_13367	DOWNSTREAM:337bases	Sel1-like
#Ca_Kabuli_SNP1484	Ca_Kabuli_LG05	28582763	[C/T]	Ca_13367	DOWNSTREAM:380bases	Sel1-like
#Ca_Kabuli_SNP1485	Ca_Kabuli_LG05	37040045	[G/A]	Ca_01510	SYNONYMOUS_CODING	Protein of unknown function DUF2053, membrane
#Ca_Kabuli_SNP1486	Ca_Kabuli_LG05	21163371	[G/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1487	Ca_Kabuli_LG03	30221810	[A/T]	Ca_07337	INTRON	Colon cancer-associated Mic1-like
#Ca_Kabuli_SNP1488	Ca_Kabuli_LG05	37083275	[G/T]	Ca_01507	INTRON	GRAM
#Ca_Kabuli_SNP1489	scaffold404	110898	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1490	Ca_Kabuli_LG07	1350851	[A/T]	Ca_03334	DOWNSTREAM:173bases	Peptidase C19, ubiquitin carboxyl-terminal hydrolase 2
#Ca_Kabuli_SNP1491	scaffold493	370374	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1492	Ca_Kabuli_LG03	37316817	[G/T]	Ca_01065	DOWNSTREAM:1846bases	Zinc finger, Sec23/Sec24-type
#Ca_Kabuli_SNP1493	Ca_Kabuli_LG02	35754679	[A/T]	Ca_09749	DOWNSTREAM:1735bases	Regulatory protein RecX
#Ca_Kabuli_SNP1494	scaffold4067	15766	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1495	Ca_Kabuli_LG07	7435434	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1496	Ca_Kabuli_LG05	33754233	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1497	Ca_Kabuli_LG06	22194363	[T/G]	Ca_11219	SYNONYMOUS_CODING	Exostosin-like
#Ca_Kabuli_SNP1498	scaffold948	451962	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1499	Ca_Kabuli_LG06	4362850	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1500	Ca_Kabuli_LG06	7765068	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1501	scaffold948	732463	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1502	Ca_Kabuli_LG06	11399318	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1503	scaffold1263	164769	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1504	scaffold1263	164771	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1505	Ca_Kabuli_LG04	3280217	[G/A]	Ca_12128	DOWNSTREAM:447bases	--
#Ca_Kabuli_SNP1506	scaffold932	228679	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1507	Ca_Kabuli_LG03	23340884	[T/C]	Ca_06186	INTRON	Protein of unknown function DUF3525
#Ca_Kabuli_SNP1508	Ca_Kabuli_LG06	28284375	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1509	Ca_Kabuli_LG01	11502160	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1510	Ca_Kabuli_LG04	11059414	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1511	Ca_Kabuli_LG08	2827832	[T/A]	Ca_02297	INTRON	Pleckstrin homology domain
#Ca_Kabuli_SNP1512	Ca_Kabuli_LG01	38252610	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1513	scaffold2119	248	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1514	Ca_Kabuli_LG04	29972164	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1515	Ca_Kabuli_LG04	48936870	[T/C]	Ca_20762	NON_SYNONYMOUS_CODING	Pentatricopeptide repeat
#Ca_Kabuli_SNP1516	Ca_Kabuli_LG01	7486109	[T/G]	Ca_08001	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1517	scaffold85	218336	[T/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1518	scaffold600	295823	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1519	Ca_Kabuli_LG06	32201432	[G/C]	Ca_15217	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1520	Ca_Kabuli_LG04	48936871	[G/T]	Ca_20762	NON_SYNONYMOUS_CODING	Pentatricopeptide repeat
#Ca_Kabuli_SNP1521	scaffold1775	28507	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1522	Ca_Kabuli_LG04	48936868	[T/G]	Ca_20762	SYNONYMOUS_CODING	Pentatricopeptide repeat
#Ca_Kabuli_SNP1523	Ca_Kabuli_LG04	48936869	[A/T]	Ca_20762	NON_SYNONYMOUS_CODING	Pentatricopeptide repeat
#Ca_Kabuli_SNP1524	Ca_Kabuli_LG04	35455095	[A/C]	Ca_22430	DOWNSTREAM:385bases	Pentatricopeptide repeat
#Ca_Kabuli_SNP1525	Ca_Kabuli_LG06	35337974	[A/C]	Ca_15781	NON_SYNONYMOUS_CODING	RNA recognition motif domain
#Ca_Kabuli_SNP1526	scaffold5315	549	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1527	Ca_Kabuli_LG01	12326232	[T/G]	Ca_02517	NON_SYNONYMOUS_CODING	Mlo-related protein
#Ca_Kabuli_SNP1528	Ca_Kabuli_LG01	17799607	[C/A]	Ca_14758	NON_SYNONYMOUS_CODING	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP1529	Ca_Kabuli_LG06	36309173	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1530	Ca_Kabuli_LG07	24181341	[T/G]	Ca_19912	SYNONYMOUS_CODING	Zinc finger, RING-CH-type
#Ca_Kabuli_SNP1531	Ca_Kabuli_LG06	3803817	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1532	Ca_Kabuli_LG01	41795347	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1533	Ca_Kabuli_LG05	29007879	[T/C]	Ca_23834	NON_SYNONYMOUS_CODING	Camphor resistance CrcB protein
#Ca_Kabuli_SNP1534	Ca_Kabuli_LG03	8536421	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1535	Ca_Kabuli_LG01	462814	[C/A]	Ca_00053	NON_SYNONYMOUS_CODING	CMP/dCMP deaminase, zinc-binding
#Ca_Kabuli_SNP1536	Ca_Kabuli_LG05	7775516	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1537	Ca_Kabuli_LG08	15638443	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1538	Ca_Kabuli_LG07	10137826	[C/A]	Ca_12775	NON_SYNONYMOUS_CODING	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP1539	Ca_Kabuli_LG07	21616287	[T/G]	Ca_14512	INTRON	Clathrin/coatomer adaptor, adaptin-like, N-terminal
#Ca_Kabuli_SNP1540	scaffold1964	180056	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1541	scaffold175	728809	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1542	Ca_Kabuli_LG04	4403213	[A/C]	Ca_03821	NON_SYNONYMOUS_CODING	HEAT, type 2
#Ca_Kabuli_SNP1543	Ca_Kabuli_LG01	9705108	[T/G]	Ca_02826	DOWNSTREAM:1575bases	Nicotinamide N-methyltransferase, putative
#Ca_Kabuli_SNP1544	scaffold950	204629	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1545	Ca_Kabuli_LG07	20921527	[T/G]	Ca_14484	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1546	Ca_Kabuli_LG02	34862134	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1547	scaffold359	11292	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1548	Ca_Kabuli_LG05	23669836	[T/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1549	Ca_Kabuli_LG07	15966805	[C/T]	Ca_09880	NON_SYNONYMOUS_CODING	Sugar/inositol transporter
#Ca_Kabuli_SNP1550	Ca_Kabuli_LG01	41795349	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1551	scaffold1860	129937	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1552	Ca_Kabuli_LG06	37491450	[T/G]	Ca_19795	NON_SYNONYMOUS_CODING	Armadillo
#Ca_Kabuli_SNP1553	Ca_Kabuli_LG05	10919455	[A/T]	Ca_23750	INTRON	MoeA, C-terminal, domain IV
#Ca_Kabuli_SNP1554	Ca_Kabuli_LG06	15123051	[C/T]	Ca_05293	INTRON	Dynamin central domain
#Ca_Kabuli_SNP1555	scaffold168	208957	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1556	scaffold184	150172	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1557	Ca_Kabuli_LG07	30691324	[A/C]	Ca_23327	NON_SYNONYMOUS_CODING	Crotonase, core
#Ca_Kabuli_SNP1558	Ca_Kabuli_LG06	38514165	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1559	Ca_Kabuli_LG06	49629674	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1560	Ca_Kabuli_LG04	6514900	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1561	Ca_Kabuli_LG05	16929897	[A/G]	Ca_17949	INTRON	tRNA-dihydrouridine synthase
#Ca_Kabuli_SNP1562	scaffold1097	81468	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1563	Ca_Kabuli_LG03	30004207	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1564	scaffold790	360585	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1565	Ca_Kabuli_LG07	13605194	[A/C]	Ca_16044	SYNONYMOUS_CODING	Zinc finger, C2H2-type
#Ca_Kabuli_SNP1566	scaffold640	275493	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1567	Ca_Kabuli_LG04	34924595	[A/C]	Ca_19998	NON_SYNONYMOUS_CODING	Metallo-dependent phosphatase
#Ca_Kabuli_SNP1568	Ca_Kabuli_LG03	20240118	[T/G]	Ca_09424	INTRON	CCAAT-binding factor
#Ca_Kabuli_SNP1569	Ca_Kabuli_LG06	16646750	[A/T]	Ca_06294	DOWNSTREAM:1933bases	Pentatricopeptide repeat
#Ca_Kabuli_SNP1570	scaffold555	129263	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1571	Ca_Kabuli_LG04	48305147	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1572	Ca_Kabuli_LG07	10649623	[G/C]	Ca_12822	SYNONYMOUS_CODING	Dynamin central domain
#Ca_Kabuli_SNP1573	scaffold112	280047	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1574	Ca_Kabuli_LG07	15887950	[C/A]	Ca_09885	INTRON	Ribonuclease II/R
#Ca_Kabuli_SNP1575	Ca_Kabuli_LG03	31952326	[C/A]	Ca_12295	NON_SYNONYMOUS_CODING	HEAT
#Ca_Kabuli_SNP1576	Ca_Kabuli_LG03	24297866	[A/C]	Ca_06091	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1577	Ca_Kabuli_LG05	40710821	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1578	Ca_Kabuli_LG04	8751638	[A/C]	Ca_08371	SYNONYMOUS_CODING	No apical meristem (NAM) protein
#Ca_Kabuli_SNP1579	scaffold5766	2056	[A/T]		INTERGENIC	

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#Ca_Kabuli_SNP1580	Ca_Kabuli_LG07	28931223	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1581	Ca_Kabuli_LG07	26701603	[A/C]	Ca_16249	DOWNSTREAM:100bases	Plastocyanin-like
#Ca_Kabuli_SNP1582	Ca_Kabuli_LG06	8787557	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1583	Ca_Kabuli_LG07	26701628	[A/G]	Ca_16249	DOWNSTREAM:75bases	Plastocyanin-like
#Ca_Kabuli_SNP1584	Ca_Kabuli_LG06	40128885	[A/C]	Ca_15941	NON_SYNONYMOUS_CODING	Metal-dependent phosphohydrolase, HD domain
#Ca_Kabuli_SNP1585	Ca_Kabuli_LG01	17558883	[T/G]	Ca_14780	SYNONYMOUS_CODING	Signal transduction response regulator, receiver domain
#Ca_Kabuli_SNP1586	Ca_Kabuli_LG04	41790245	[A/C]	Ca_10936	SYNONYMOUS_CODING	Ferredoxin
#Ca_Kabuli_SNP1587	scaffold57	16401	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1588	Ca_Kabuli_LG06	57753193	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1589	Ca_Kabuli_LG01	439736	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1590	Ca_Kabuli_LG01	17558882	[C/A]	Ca_14780	SYNONYMOUS_CODING	Signal transduction response regulator, receiver domain
#Ca_Kabuli_SNP1591	Ca_Kabuli_LG05	33754245	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1592	Ca_Kabuli_LG07	7983630	[C/A]	Ca_13220	NON_SYNONYMOUS_CODING	ABC transporter, transmembrane domain
#Ca_Kabuli_SNP1593	Ca_Kabuli_LG03	39118505	[A/C]	Ca_01274	INTRON	HEAT
#Ca_Kabuli_SNP1594	Ca_Kabuli_LG05	31403655	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1595	Ca_Kabuli_LG04	23195437	[T/C]	Ca_14451	INTRON	Helicase, C-terminal
#Ca_Kabuli_SNP1596	Ca_Kabuli_LG06	12448511	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1597	Ca_Kabuli_LG03	21069672	[A/G]	Ca_09474	SYNONYMOUS_CODING	Aminoacyl-tRNA synthetase, class II (D/K/N)
#Ca_Kabuli_SNP1598	Ca_Kabuli_LG07	30114687	[A/C]	Ca_11716	SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1599	Ca_Kabuli_LG03	39093228	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1600	scaffold2871	17199	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1601	Ca_Kabuli_LG01	12413012	[G/T]	Ca_02509	NON_SYNONYMOUS_CODING	ATPase, P-type, K/Mg/Cd/Cu/Zn/Na/Ca/Na/H-transporter
#Ca_Kabuli_SNP1602	scaffold1472	179759	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1603	Ca_Kabuli_LG04	26221338	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1604	Ca_Kabuli_LG04	8692150	[C/T]	Ca_08365	INTRON	Glycoside hydrolase, family 13, N-terminal
#Ca_Kabuli_SNP1605	Ca_Kabuli_LG01	1117455	[G/A]	Ca_00138	SYNONYMOUS_CODING	HEAT
#Ca_Kabuli_SNP1606	scaffold179	251412	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1607	Ca_Kabuli_LG02	17681915	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1608	Ca_Kabuli_LG06	28076458	[A/G]	Ca_14561	INTRON	Double-stranded RNA-binding
#Ca_Kabuli_SNP1609	scaffold1860	129952	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1610	Ca_Kabuli_LG04	42143836	[G/A]	Ca_10910	INTRON	Glycoside hydrolase, family 28

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1611	scaffold617	26113	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1612	Ca_Kabuli_LG08	14715490	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1613	Ca_Kabuli_LG01	12337445	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1614	Ca_Kabuli_LG07	39214271	[A/T]	Ca_19581	NON_SYNONYMOUS_CODING	BEACH domain
#Ca_Kabuli_SNP1615	Ca_Kabuli_LG07	39214268	[C/A]	Ca_19581	NON_SYNONYMOUS_CODING	BEACH domain
#Ca_Kabuli_SNP1616	Ca_Kabuli_LG04	11276225	[T/C]	Ca_04359	SYNONYMOUS_CODING	Peptidase M14, carboxypeptidase A
#Ca_Kabuli_SNP1617	Ca_Kabuli_LG04	1813891	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1618	Ca_Kabuli_LG01	27017560	[A/G]	Ca_20299	INTRON	Cystathionine beta-synthase, core
#Ca_Kabuli_SNP1619	Ca_Kabuli_LG04	45752874	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1620	Ca_Kabuli_LG05	34438983	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1621	Ca_Kabuli_LG07	1153230	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1622	scaffold764	11099	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1623	scaffold2188	33532	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1624	Ca_Kabuli_LG04	11328227	[G/T]	Ca_04366	DOWNSTREAM:1462bases	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1625	Ca_Kabuli_LG04	11277138	[G/A]	Ca_04359	SYNONYMOUS_CODING	Peptidase M14, carboxypeptidase A
#Ca_Kabuli_SNP1626	Ca_Kabuli_LG01	5430676	[T/A]	Ca_00628	SYNONYMOUS_CODING	Protein of unknown function DUF584
#Ca_Kabuli_SNP1627	Ca_Kabuli_LG04	11441604	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1628	Ca_Kabuli_LG04	11491864	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1629	Ca_Kabuli_LG04	11246093	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1630	scaffold382	110785	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1631	Ca_Kabuli_LG04	11398889	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1632	Ca_Kabuli_LG04	12004209	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1633	Ca_Kabuli_LG05	30124086	[C/G]	Ca_04688	SYNONYMOUS_CODING	Sugar/inositol transporter
#Ca_Kabuli_SNP1634	Ca_Kabuli_LG02	3074493	[T/G]	Ca_10542	INTRON	Histidine phosphatase superfamily, clade-2
#Ca_Kabuli_SNP1635	Ca_Kabuli_LG04	11273405	[T/A]	Ca_04359	INTRON	Peptidase M14, carboxypeptidase A
#Ca_Kabuli_SNP1636	Ca_Kabuli_LG04	12581711	[T/G]	Ca_04480	INTRON	DNA mismatch repair protein MutS, C-terminal domain
#Ca_Kabuli_SNP1637	Ca_Kabuli_LG04	12558680	[C/T]	Ca_04478	INTRON	NUDIX hydrolase domain
#Ca_Kabuli_SNP1638	Ca_Kabuli_LG03	35184973	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1639	Ca_Kabuli_LG04	12525639	[T/A]	Ca_04475	INTRON	Cytochrome b561, eukaryote
#Ca_Kabuli_SNP1640	Ca_Kabuli_LG04	12484911	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1641	Ca_Kabuli_LG02	11121441	[A/C]	Ca_17550	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1642	Ca_Kabuli_LG04	22850596	[C/G]	Ca_14467	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1643	Ca_Kabuli_LG04	12568905	[G/A]	Ca_04479	SYNONYMOUS_CODING	Homoserine kinase
#Ca_Kabuli_SNP1644	scaffold5557	21624	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1645	Ca_Kabuli_LG04	12568845	[G/T]	Ca_04479	SYNONYMOUS_CODING	Homoserine kinase
#Ca_Kabuli_SNP1646	Ca_Kabuli_LG04	13646739	[T/A]	Ca_04583	NON_SYNONYMOUS_CODING	Seed maturation protein
#Ca_Kabuli_SNP1647	Ca_Kabuli_LG04	12568599	[A/G]	Ca_04479	SYNONYMOUS_CODING	Homoserine kinase
#Ca_Kabuli_SNP1648	Ca_Kabuli_LG04	12568707	[A/G]	Ca_04479	SYNONYMOUS_CODING	Homoserine kinase
#Ca_Kabuli_SNP1649	Ca_Kabuli_LG06	23549267	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1650	Ca_Kabuli_LG07	5383683	[C/A]	Ca_06832	DOWNSTREAM:1027bases	Pentatricopeptide repeat
#Ca_Kabuli_SNP1651	Ca_Kabuli_LG06	31057806	[C/T]	Ca_16498	DOWNSTREAM:338bases	Peptidase M76, ATP23
#Ca_Kabuli_SNP1652	Ca_Kabuli_LG04	13858972	[G/A]	Ca_04609	SYNONYMOUS_CODING	Sugar/inositol transporter
#Ca_Kabuli_SNP1653	Ca_Kabuli_LG04	13702641	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1654	scaffold5557	21592	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1655	Ca_Kabuli_LG06	37943905	[C/T]	Ca_19549	DOWNSTREAM:1417bases	--
#Ca_Kabuli_SNP1656	Ca_Kabuli_LG06	49377275	[G/A]	Ca_13522	DOWNSTREAM:741bases	Leucine-rich repeat
#Ca_Kabuli_SNP1657	Ca_Kabuli_LG06	22208093	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1658	Ca_Kabuli_LG06	45293271	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1659	Ca_Kabuli_LG04	13787649	[C/T]	Ca_04604	DOWNSTREAM:1204bases	Copper amine oxidase
#Ca_Kabuli_SNP1660	Ca_Kabuli_LG04	16628559	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1661	Ca_Kabuli_LG04	13839288	[A/G]	Ca_04608	SYNONYMOUS_CODING	Copper amine oxidase
#Ca_Kabuli_SNP1662	Ca_Kabuli_LG03	22007902	[T/G]	Ca_20426	NON_SYNONYMOUS_CODING	SEC7-like
#Ca_Kabuli_SNP1663	scaffold538	259396	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1664	Ca_Kabuli_LG04	13717261	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1665	Ca_Kabuli_LG01	215048	[C/T]	Ca_00017	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1666	Ca_Kabuli_LG03	30475732	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1667	scaffold5315	503	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1668	Ca_Kabuli_LG07	2881235	[G/A]	Ca_03187	INTRON	FAD linked oxidase, N-terminal
#Ca_Kabuli_SNP1669	Ca_Kabuli_LG04	11273328	[T/C]	Ca_04359	INTRON	Peptidase M14, carboxypeptidase A
#Ca_Kabuli_SNP1670	Ca_Kabuli_LG04	13845581	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1671	Ca_Kabuli_LG04	11517517	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1672	scaffold190	49266	[T/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1673	Ca_Kabuli_LG07	7809179	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1674	Ca_Kabuli_LG04	11441673	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1675	Ca_Kabuli_LG04	11244395	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1676	Ca_Kabuli_LG04	13838796	[G/A]	Ca_04608	SYNONYMOUS_CODING	Copper amine oxidase
#Ca_Kabuli_SNP1677	Ca_Kabuli_LG04	13841340	[T/G]	Ca_04608	SYNONYMOUS_CODING	Copper amine oxidase
#Ca_Kabuli_SNP1678	Ca_Kabuli_LG06	23023346	[C/A]	Ca_11145	DOWNSTREAM:1817bases	--
#Ca_Kabuli_SNP1679	Ca_Kabuli_LG04	11231137	[G/A]	Ca_04356	DOWNSTREAM:874bases	Choline/ethanolamine kinase
#Ca_Kabuli_SNP1680	Ca_Kabuli_LG04	30302554	[A/G]	Ca_14192	SYNONYMOUS_CODING	SNF2-related
#Ca_Kabuli_SNP1681	scaffold6052	1205	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1682	Ca_Kabuli_LG07	35134809	[A/C]	Ca_17638	NON_SYNONYMOUS_CODING	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP1683	Ca_Kabuli_LG04	11248605	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1684	Ca_Kabuli_LG04	13724666	[C/G]	Ca_04596	SYNONYMOUS_CODING	Zinc finger, PHD-type
#Ca_Kabuli_SNP1685	Ca_Kabuli_LG06	19653654	[C/T]	Ca_06571	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1686	Ca_Kabuli_LG06	29163022	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1687	Ca_Kabuli_LG05	27282828	[G/T]	Ca_08913	DOWNSTREAM:1145bases	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP1688	scaffold1156	31589	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1689	Ca_Kabuli_LG04	12167568	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1690	Ca_Kabuli_LG04	3428929	[T/C]	Ca_12144	SYNONYMOUS_CODING	Castor/Pollux ion channel
#Ca_Kabuli_SNP1691	Ca_Kabuli_LG06	28044805	[A/T]	Ca_14563	NON_SYNONYMOUS_CODING	DNA-directed DNA polymerase, family B, exonuclease domain
#Ca_Kabuli_SNP1692	Ca_Kabuli_LG06	20505038	[C/T]	Ca_16381	INTRON	Cullin, N-terminal
#Ca_Kabuli_SNP1693	Ca_Kabuli_LG06	27091882	[A/G]	Ca_14634	INTRON	NOT2/NOT3/NOT5
#Ca_Kabuli_SNP1694	Ca_Kabuli_LG01	13034819	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1695	Ca_Kabuli_LG06	28453063	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1696	Ca_Kabuli_LG06	29205940	[A/G]	Ca_17457	NON_SYNONYMOUS_CODING	DNA ligase, ATP-dependent, N-terminal
#Ca_Kabuli_SNP1697	Ca_Kabuli_LG02	26457480	[G/A]	Ca_17247	INTRON	Metallo-dependent phosphatase
#Ca_Kabuli_SNP1698	Ca_Kabuli_LG06	27515293	[A/G]	Ca_14606	NON_SYNONYMOUS_CODING	Tetraspanin, subgroup
#Ca_Kabuli_SNP1699	Ca_Kabuli_LG06	29163667	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1700	scaffold3490	6722	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1701	scaffold1970	966	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1702	Ca_Kabuli_LG03	27447437	[T/G]	Ca_08162	SYNONYMOUS_CODING	RNA polymerase II, large subunit, CTD
#Ca_Kabuli_SNP1703	Ca_Kabuli_LG05	21933944	[A/C]	Ca_24469	DOWNSTREAM:1794bases	Glycoside hydrolase, family 28

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1704	Ca_Kabuli_LG07	33912921	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1705	scaffold96	245866	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1706	Ca_Kabuli_LG05	26605966	[A/G]	Ca_08963	DOWNSTREAM:1646bases	Plant peroxidase
#Ca_Kabuli_SNP1707	Ca_Kabuli_LG04	35328337	[A/G]	Ca_20018	INTRON	IQ motif, EF-hand binding site
#Ca_Kabuli_SNP1708	Ca_Kabuli_LG03	5224979	[T/G]	Ca_23868	NON_SYNONYMOUS_CODING	Per1-like
#Ca_Kabuli_SNP1709	Ca_Kabuli_LG03	3182276	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1710	Ca_Kabuli_LG05	43188867	[C/G]	Ca_12740	DOWNSTREAM:49bases	RNA recognition motif domain
#Ca_Kabuli_SNP1711	Ca_Kabuli_LG06	26353512	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1712	Ca_Kabuli_LG02	3548789	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1713	Ca_Kabuli_LG05	17043790	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1714	Ca_Kabuli_LG06	27383746	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1715	Ca_Kabuli_LG05	30748799	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1716	Ca_Kabuli_LG05	31521962	[T/A]	Ca_04855	SYNONYMOUS_CODING	Peptidase S9, prolyl oligopeptidase, catalytic domain
#Ca_Kabuli_SNP1717	Ca_Kabuli_LG04	44354436	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1718	Ca_Kabuli_LG06	27383745	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1719	Ca_Kabuli_LG02	36467100	[A/C]	Ca_09835	SYNONYMOUS_CODING	EPS15 homology (EH)
#Ca_Kabuli_SNP1720	Ca_Kabuli_LG06	26353740	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1721	Ca_Kabuli_LG06	54333329	[A/G]	Ca_16289	INTRON	Peptidase M41
#Ca_Kabuli_SNP1722	Ca_Kabuli_LG06	58908024	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1723	Ca_Kabuli_LG04	43431772	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1724	Ca_Kabuli_LG06	26383500	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1725	Ca_Kabuli_LG04	48678692	[T/C]	Ca_23018	SYNONYMOUS_CODING	Transcription factor IIS, N-terminal
#Ca_Kabuli_SNP1726	Ca_Kabuli_LG04	22865436	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1727	Ca_Kabuli_LG06	57894590	[G/C]	Ca_13650	NON_SYNONYMOUS_CODING	Domain of unknown function DUF547
#Ca_Kabuli_SNP1728	Ca_Kabuli_LG06	57894585	[T/G]	Ca_13650	NON_SYNONYMOUS_CODING	Domain of unknown function DUF547
#Ca_Kabuli_SNP1729	Ca_Kabuli_LG06	57931382	[A/T]	Ca_13645	SYNONYMOUS_CODING	NmrA-like
#Ca_Kabuli_SNP1730	Ca_Kabuli_LG06	57710133	[C/G]	Ca_13673	DOWNSTREAM:1117bases	Trigger factor, ribosome-binding, bacterial
#Ca_Kabuli_SNP1731	Ca_Kabuli_LG06	57870893	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1732	Ca_Kabuli_LG06	57748565	[A/G]	Ca_13666	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1733	Ca_Kabuli_LG06	57625320	[G/A]	Ca_13683	SYNONYMOUS_CODING	Calreticulin/calnexin
#Ca_Kabuli_SNP1734	Ca_Kabuli_LG06	57704057	[C/T]	Ca_13674	SYNONYMOUS_CODING	Orn/Lys/Arg decarboxylase, major domain

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1735	Ca_Kabuli_LG06	58201715	[T/G]	Ca_13621	SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1736	Ca_Kabuli_LG06	57882773	[G/T]	Ca_13652	NON_SYNONYMOUS_CODING	DC1
#Ca_Kabuli_SNP1737	Ca_Kabuli_LG06	57899764	[T/A]	Ca_13648	DOWNSTREAM:1984bases	Domain of unknown function DUF547
#Ca_Kabuli_SNP1738	Ca_Kabuli_LG04	17451460	[T/G]	Ca_05383	NON_SYNONYMOUS_CODING	Zinc finger, CCHC-type
#Ca_Kabuli_SNP1739	Ca_Kabuli_LG06	58244129	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1740	Ca_Kabuli_LG06	58244128	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1741	Ca_Kabuli_LG06	57894377	[A/G]	Ca_13650	DOWNSTREAM:7bases	Domain of unknown function DUF547
#Ca_Kabuli_SNP1742	Ca_Kabuli_LG06	57898786	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1743	Ca_Kabuli_LG06	58053878	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1744	Ca_Kabuli_LG06	57707848	[G/A]	Ca_13672	DOWNSTREAM:1747bases	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP1745	Ca_Kabuli_LG06	57707846	[A/G]	Ca_13672	DOWNSTREAM:1749bases	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP1746	Ca_Kabuli_LG06	57720161	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1747	Ca_Kabuli_LG06	57704802	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1748	Ca_Kabuli_LG03	34699114	[C/A]	Ca_00745	NON_SYNONYMOUS_CODING	HECT
#Ca_Kabuli_SNP1749	Ca_Kabuli_LG06	57756699	[G/A]	Ca_13665	INTRON	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP1750	Ca_Kabuli_LG06	57631963	[T/G]	Ca_13682	SYNONYMOUS_CODING	Protein of unknown function DUF936, plant
#Ca_Kabuli_SNP1751	Ca_Kabuli_LG06	57707737	[C/T]	Ca_13672	DOWNSTREAM:1858bases	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP1752	Ca_Kabuli_LG06	57707716	[A/C]	Ca_13672	DOWNSTREAM:1879bases	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP1753	Ca_Kabuli_LG06	57707734	[T/G]	Ca_13672	DOWNSTREAM:1861bases	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP1754	Ca_Kabuli_LG06	57707727	[T/C]	Ca_13672	DOWNSTREAM:1868bases	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP1755	Ca_Kabuli_LG06	57707724	[C/T]	Ca_13672	DOWNSTREAM:1871bases	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP1756	Ca_Kabuli_LG06	57753076	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1757	Ca_Kabuli_LG06	57835120	[T/A]	Ca_13657	DOWNSTREAM:1899bases	Cold acclimation WCOR413
#Ca_Kabuli_SNP1758	Ca_Kabuli_LG06	57835093	[G/A]	Ca_13657	DOWNSTREAM:1872bases	Cold acclimation WCOR413
#Ca_Kabuli_SNP1759	Ca_Kabuli_LG06	57854068	[G/C]	Ca_13655	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1760	Ca_Kabuli_LG06	57720446	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1761	Ca_Kabuli_LG06	57835899	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1762	Ca_Kabuli_LG06	57853458	[C/T]	Ca_13655	SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1763	Ca_Kabuli_LG06	57761758	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1764	Ca_Kabuli_LG06	57625134	[G/A]	Ca_13683	INTRON	Calreticulin/calnexin
#Ca_Kabuli_SNP1765	Ca_Kabuli_LG06	57894264	[T/A]	Ca_13650	DOWNSTREAM:120bases	Domain of unknown function DUF547

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1766	Ca_Kabuli_LG06	57894263	[G/T]	Ca_13650	DOWNSTREAM:121bases	Domain of unknown function DUF547
#Ca_Kabuli_SNP1767	Ca_Kabuli_LG06	57708101	[T/G]	Ca_13672	DOWNSTREAM:1494bases	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP1768	Ca_Kabuli_LG06	57708130	[T/C]	Ca_13672	DOWNSTREAM:1465bases	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP1769	Ca_Kabuli_LG06	57644429	[A/G]	Ca_13681	SYNONYMOUS_CODING	Ribosomal protein L38e
#Ca_Kabuli_SNP1770	Ca_Kabuli_LG06	58028664	[G/C]	Ca_13633	SYNONYMOUS_CODING	Sugar/inositol transporter
#Ca_Kabuli_SNP1771	Ca_Kabuli_LG06	58028665	[A/C]	Ca_13633	SYNONYMOUS_CODING	Sugar/inositol transporter
#Ca_Kabuli_SNP1772	Ca_Kabuli_LG06	57836237	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1773	Ca_Kabuli_LG04	14206957	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1774	Ca_Kabuli_LG06	57705111	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1775	Ca_Kabuli_LG06	57705113	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1776	Ca_Kabuli_LG06	57854946	[G/A]	Ca_13655	SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1777	Ca_Kabuli_LG06	58110605	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1778	Ca_Kabuli_LG06	57631772	[T/C]	Ca_13682	SYNONYMOUS_CODING	Protein of unknown function DUF936, plant
#Ca_Kabuli_SNP1779	Ca_Kabuli_LG06	58165739	[T/A]	Ca_13624	DOWNSTREAM:44bases	Clathrin/coatomer adaptor, adaptin-like, N-terminal
#Ca_Kabuli_SNP1780	Ca_Kabuli_LG06	57640197	[G/T]	Ca_13681	INTRON	Ribosomal protein L38e
#Ca_Kabuli_SNP1781	Ca_Kabuli_LG06	57640220	[A/G]	Ca_13681	INTRON	Ribosomal protein L38e
#Ca_Kabuli_SNP1782	Ca_Kabuli_LG06	57640186	[A/C]	Ca_13681	INTRON	Ribosomal protein L38e
#Ca_Kabuli_SNP1783	Ca_Kabuli_LG06	58244019	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1784	Ca_Kabuli_LG06	57707912	[G/C]	Ca_13672	DOWNSTREAM:1683bases	Phosphatidylinositol 3-/4-kinase, catalytic
#Ca_Kabuli_SNP1785	Ca_Kabuli_LG08	281622	[G/A]	Ca_11908	DOWNSTREAM:1524bases	EGF-like calcium-binding
#Ca_Kabuli_SNP1786	scaffold6774	1561	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1787	scaffold186	111936	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1788	Ca_Kabuli_LG06	41699134	[A/C]	Ca_21940	INTRON	Ribonuclease II/R
#Ca_Kabuli_SNP1789	Ca_Kabuli_LG05	37082797	[G/T]	Ca_01507	SYNONYMOUS_CODING	GRAM
#Ca_Kabuli_SNP1790	Ca_Kabuli_LG07	2639984	[T/G]	Ca_03214	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1791	scaffold6774	1563	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1792	Ca_Kabuli_LG07	11383747	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1793	Ca_Kabuli_LG01	41075343	[T/G]	Ca_18474	INTRON	--
#Ca_Kabuli_SNP1794	Ca_Kabuli_LG04	14132760	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1795	Ca_Kabuli_LG02	7051424	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1796	Ca_Kabuli_LG02	7051422	[A/G]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1797	Ca_Kabuli_LG07	33835856	[G/A]	Ca_16191	SYNONYMOUS_CODING	Pectinesterase, catalytic
#Ca_Kabuli_SNP1798	Ca_Kabuli_LG07	33761944	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1799	Ca_Kabuli_LG07	33480940	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1800	Ca_Kabuli_LG07	33641882	[A/T]	Ca_16180	INTRON	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP1801	Ca_Kabuli_LG07	33867674	[T/C]	Ca_16193	INTRON	Exocyst complex component Sec10
#Ca_Kabuli_SNP1802	Ca_Kabuli_LG07	33867491	[T/C]	Ca_16193	INTRON	Exocyst complex component Sec10
#Ca_Kabuli_SNP1803	Ca_Kabuli_LG07	34279715	[C/A]	Ca_20990	INTRON	Brix domain
#Ca_Kabuli_SNP1804	Ca_Kabuli_LG07	34279725	[G/A]	Ca_20990	INTRON	Brix domain
#Ca_Kabuli_SNP1805	Ca_Kabuli_LG07	33674454	[C/T]	Ca_16181	SYNONYMOUS_CODING	Peptidase S8/S53, subtilisin/kexin/sedolisin
#Ca_Kabuli_SNP1806	Ca_Kabuli_LG07	16735437	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1807	Ca_Kabuli_LG07	33641799	[T/G]	Ca_16180	NON_SYNONYMOUS_CODING	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP1808	Ca_Kabuli_LG07	34279357	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1809	Ca_Kabuli_LG07	33460918	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1810	Ca_Kabuli_LG07	34277010	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1811	Ca_Kabuli_LG07	34277014	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1812	Ca_Kabuli_LG07	34318862	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1813	Ca_Kabuli_LG07	34318860	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1814	Ca_Kabuli_LG04	30668958	[A/G]	Ca_14210	DOWNSTREAM:465bases	CARP motif
#Ca_Kabuli_SNP1815	Ca_Kabuli_LG01	2288179	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1816	Ca_Kabuli_LG07	33573605	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1817	Ca_Kabuli_LG07	34152720	[T/G]	Ca_21006	INTRON	DNA-directed RNA polymerase, subunit 2, domain 6
#Ca_Kabuli_SNP1818	Ca_Kabuli_LG07	33753917	[A/G]	Ca_16183	SYNONYMOUS_CODING	Initiation factor 2B-related
#Ca_Kabuli_SNP1819	Ca_Kabuli_LG07	33461168	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1820	scaffold584	28172	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1821	Ca_Kabuli_LG08	7563378	[T/A]	Ca_10631	DOWNSTREAM:1989bases	Kinesin, motor domain
#Ca_Kabuli_SNP1822	scaffold584	129326	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1823	scaffold584	78956	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1824	Ca_Kabuli_LG07	11383752	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1825	scaffold256	46734	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1826	scaffold31	1052922	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1827	Ca_Kabuli_LG07	5508157	[A/C]	Ca_06816	NON_SYNONYMOUS_CODING	SNF2-related

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1828	Ca_Kabuli_LG04	20398685	[A/C]	Ca_17149	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1829	Ca_Kabuli_LG07	11383746	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1830	Ca_Kabuli_LG07	47395540	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1831	Ca_Kabuli_LG07	35181514	[A/T]	Ca_17639	NON_SYNONYMOUS_CODING	Helix-loop-helix DNA-binding domain
#Ca_Kabuli_SNP1832	Ca_Kabuli_LG07	35258029	[T/G]	Ca_17644	INTRON	Dynamin central domain
#Ca_Kabuli_SNP1833	Ca_Kabuli_LG01	48028191	[G/T]	Ca_12875	NON_SYNONYMOUS_CODING	GTP1/OBG
#Ca_Kabuli_SNP1834	Ca_Kabuli_LG07	24181322	[C/A]	Ca_19912	NON_SYNONYMOUS_CODING	Zinc finger, RING-CH-type
#Ca_Kabuli_SNP1835	scaffold240	132907	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1836	Ca_Kabuli_LG01	578	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1837	Ca_Kabuli_LG07	21616294	[T/G]	Ca_14512	INTRON	Clathrin/coatomer adaptor, adaptin-like, N-terminal
#Ca_Kabuli_SNP1838	Ca_Kabuli_LG04	37371411	[C/T]	Ca_15139	SYNONYMOUS_CODING	Ankyrin repeat
#Ca_Kabuli_SNP1839	Ca_Kabuli_LG07	38283909	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1840	Ca_Kabuli_LG04	15900602	[G/A]	Ca_05518	SYNONYMOUS_CODING	Protein phosphatase 2C-like
#Ca_Kabuli_SNP1841	Ca_Kabuli_LG01	3940980	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1842	Ca_Kabuli_LG02	35972953	[C/A]	Ca_09772	NON_SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP1843	Ca_Kabuli_LG04	38157210	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1844	scaffold1039	86018	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1845	Ca_Kabuli_LG04	30258604	[C/A]	Ca_14190	DOWNSTREAM:1272bases	Zinc finger, CCCH-type
#Ca_Kabuli_SNP1846	scaffold4344	2114	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1847	scaffold1039	86049	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1848	Ca_Kabuli_LG05	37039246	[A/T]	Ca_01510	DOWNSTREAM:184bases	Protein of unknown function DUF2053, membrane
#Ca_Kabuli_SNP1849	Ca_Kabuli_LG07	35263736	[C/G]	Ca_17644	DOWNSTREAM:320bases	Dynamin central domain
#Ca_Kabuli_SNP1850	Ca_Kabuli_LG07	5508159	[A/C]	Ca_06816	SYNONYMOUS_CODING	SNF2-related
#Ca_Kabuli_SNP1851	Ca_Kabuli_LG04	15934901	[G/T]	Ca_05513	NON_SYNONYMOUS_CODING	Beta-lactamase-like
#Ca_Kabuli_SNP1852	scaffold2881	6802	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1853	Ca_Kabuli_LG04	38363041	[T/C]	Ca_13120	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP1854	Ca_Kabuli_LG07	28620851	[C/T]	Ca_18949	INTRON	Heat shock protein DnaJ, cysteine-rich domain
#Ca_Kabuli_SNP1855	scaffold744	63669	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1856	scaffold3105	7255	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1857	Ca_Kabuli_LG06	20802761	[A/T]	Ca_16348	INTRON	Pentatricopeptide repeat
#Ca_Kabuli_SNP1858	Ca_Kabuli_LG01	47203115	[A/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1859	Ca_Kabuli_LG05	19886970	[T/C]	Ca_22815	NON_SYNONYMOUS_CODING	Vps16, C-terminal
#Ca_Kabuli_SNP1860	Ca_Kabuli_LG05	26997335	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1861	Ca_Kabuli_LG04	43889033	[A/T]	Ca_09068	NON_SYNONYMOUS_CODING	Homeobox
#Ca_Kabuli_SNP1862	Ca_Kabuli_LG03	22225125	[G/T]	Ca_20408	SYNONYMOUS_CODING	Plastocyanin-like
#Ca_Kabuli_SNP1863	Ca_Kabuli_LG01	347620	[A/C]	Ca_00036	DOWNSTREAM:1579bases	WD40 repeat
#Ca_Kabuli_SNP1864	Ca_Kabuli_LG03	36872737	[A/C]	Ca_01013	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1865	Ca_Kabuli_LG03	7204071	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1866	scaffold61	294493	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1867	scaffold898	615	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1868	Ca_Kabuli_LG04	13699663	[A/G]	Ca_04591	INTRON	XS domain
#Ca_Kabuli_SNP1869	Ca_Kabuli_LG05	37012371	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1870	Ca_Kabuli_LG05	37012168	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1871	Ca_Kabuli_LG04	13687728	[T/C]	Ca_04589	INTRON	Frigida-like
#Ca_Kabuli_SNP1872	Ca_Kabuli_LG04	7143234	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1873	Ca_Kabuli_LG04	4027829	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1874	scaffold1068	160749	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1875	scaffold2881	3753	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1876	Ca_Kabuli_LG07	14492362	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1877	scaffold121	96397	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1878	Ca_Kabuli_LG04	13787448	[C/A]	Ca_04604	DOWNSTREAM:1405bases	Copper amine oxidase
#Ca_Kabuli_SNP1879	Ca_Kabuli_LG01	12948219	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1880	Ca_Kabuli_LG05	36999074	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1881	Ca_Kabuli_LG03	11677780	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1882	scaffold294	478761	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1883	Ca_Kabuli_LG07	22839776	[G/A]	Ca_19528	DOWNSTREAM:1716bases	--
#Ca_Kabuli_SNP1884	Ca_Kabuli_LG06	2244901	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1885	Ca_Kabuli_LG07	34145280	[T/G]	Ca_21006	INTRON	DNA-directed RNA polymerase, subunit 2, domain 6
#Ca_Kabuli_SNP1886	Ca_Kabuli_LG01	31528988	[C/A]	Ca_21865	INTRON	Peptidase S49
#Ca_Kabuli_SNP1887	Ca_Kabuli_LG04	3400828	[C/G]	Ca_12141	INTRON	Glycoside hydrolase, family 47
#Ca_Kabuli_SNP1888	Ca_Kabuli_LG08	822853	[C/A]	Ca_11839	SYNONYMOUS_CODING	Zinc finger, PHD-type
#Ca_Kabuli_SNP1889	Ca_Kabuli_LG06	2001909	[T/G]	Ca_10323	NON_SYNONYMOUS_CODING	Tetratricopeptide repeat-containing



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1890	Ca_Kabuli_LG04	11244334	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1891	Ca_Kabuli_LG07	31223945	[A/C]	Ca_10134	NON_SYNONYMOUS_CODING	Nucleotidyl transferase domain
#Ca_Kabuli_SNP1892	scaffold1068	189700	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1893	scaffold555	129265	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1894	Ca_Kabuli_LG04	16448200	[T/G]	Ca_05482	NON_SYNONYMOUS_CODING	Ubiquitin-associated/translation elongation factor EF1B, N-ter
#Ca_Kabuli_SNP1895	Ca_Kabuli_LG04	46534848	[G/T]	Ca_19264	NON_SYNONYMOUS_CODING	WW/Rsp5/WWP
#Ca_Kabuli_SNP1896	Ca_Kabuli_LG04	11490100	[T/C]	Ca_04384	SYNONYMOUS_CODING	Tubby, C-terminal
#Ca_Kabuli_SNP1897	scaffold744	63671	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1898	scaffold586	39934	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1899	Ca_Kabuli_LG04	3245405	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1900	scaffold1775	28547	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1901	Ca_Kabuli_LG05	31371625	[C/A]	Ca_04838	DOWNSTREAM:1375bases	Peptidase M14, carboxypeptidase A
#Ca_Kabuli_SNP1902	scaffold2290	896	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1903	Ca_Kabuli_LG07	1655087	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1904	Ca_Kabuli_LG05	2700484	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1905	Ca_Kabuli_LG07	12161451	[G/A]	Ca_09293	NON_SYNONYMOUS_CODING	Protein of unknown function DUF869, plant
#Ca_Kabuli_SNP1906	Ca_Kabuli_LG06	41682991	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1907	Ca_Kabuli_LG06	11163711	[T/G]	Ca_20482	INTRON	Helicase, C-terminal
#Ca_Kabuli_SNP1908	Ca_Kabuli_LG05	36978252	[G/A]	Ca_01520	DOWNSTREAM:1896bases	Protein of unknown function DUF2053, membrane
#Ca_Kabuli_SNP1909	scaffold2574	1550	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1910	Ca_Kabuli_LG04	8686216	[A/T]	Ca_08364	DOWNSTREAM:97bases	Disease resistance protein
#Ca_Kabuli_SNP1911	Ca_Kabuli_LG05	30903110	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1912	Ca_Kabuli_LG07	44232220	[G/A]	Ca_21369	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1913	scaffold1063	289997	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1914	Ca_Kabuli_LG07	33463300	[C/G]	Ca_16168	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1915	scaffold2146	7348	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1916	Ca_Kabuli_LG04	8805504	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1917	scaffold7112	1681	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1918	scaffold2290	888	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1919	scaffold17	136	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1920	scaffold9	47760	[G/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1921	Ca_Kabuli_LG05	36978251	[A/G]	Ca_01520	DOWNSTREAM:1897bases	Protein of unknown function DUF2053, membrane
#Ca_Kabuli_SNP1922	Ca_Kabuli_LG07	33867334	[C/T]	Ca_16193	INTRON	Exocyst complex component Sec10
#Ca_Kabuli_SNP1923	Ca_Kabuli_LG05	27749043	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1924	Ca_Kabuli_LG07	33868148	[C/T]	Ca_16193	SYNONYMOUS_CODING	Exocyst complex component Sec10
#Ca_Kabuli_SNP1925	Ca_Kabuli_LG07	32406152	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1926	Ca_Kabuli_LG07	42272939	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1927	Ca_Kabuli_LG01	25176176	[T/C]	Ca_18308	NON_SYNONYMOUS_CODING	5'(3')-deoxyribonucleotidase
#Ca_Kabuli_SNP1928	scaffold1423	106	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1929	Ca_Kabuli_LG07	45034281	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1930	scaffold1860	129963	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP1931	scaffold901	409761	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1932	Ca_Kabuli_LG07	35274680	[A/G]	Ca_17646	DOWNSTREAM:1308bases	Dynamin central domain
#Ca_Kabuli_SNP1933	Ca_Kabuli_LG03	21863769	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1934	Ca_Kabuli_LG07	35339078	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1935	Ca_Kabuli_LG07	35274858	[A/G]	Ca_17646	DOWNSTREAM:1130bases	Dynamin central domain
#Ca_Kabuli_SNP1936	Ca_Kabuli_LG07	35274859	[G/T]	Ca_17646	DOWNSTREAM:1129bases	Dynamin central domain
#Ca_Kabuli_SNP1937	scaffold3105	7237	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1938	Ca_Kabuli_LG07	1461463	[T/G]	Ca_03318	SYNONYMOUS_CODING	Uncharacterised protein family UPF0057
#Ca_Kabuli_SNP1939	scaffold1420	382520	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1940	Ca_Kabuli_LG04	15109738	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP1941	Ca_Kabuli_LG07	35181660	[A/G]	Ca_17639	SYNONYMOUS_CODING	Helix-loop-helix DNA-binding domain
#Ca_Kabuli_SNP1942	Ca_Kabuli_LG07	35227794	[C/A]	Ca_17641	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1943	Ca_Kabuli_LG07	10223040	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP1944	Ca_Kabuli_LG07	35112785	[C/T]	Ca_17637	SYNONYMOUS_CODING	Importin-beta, N-terminal
#Ca_Kabuli_SNP1945	Ca_Kabuli_LG07	23574823	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1946	scaffold318	660749	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1947	scaffold2789	5385	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1948	Ca_Kabuli_LG07	41425049	[A/G]	Ca_17995	DOWNSTREAM:518bases	Disease resistance protein
#Ca_Kabuli_SNP1949	Ca_Kabuli_LG07	46485934	[G/A]	Ca_22756	INTRON	--
#Ca_Kabuli_SNP1950	Ca_Kabuli_LG07	42915851	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1951	Ca_Kabuli_LG06	22137481	[A/T]	Ca_11226	DOWNSTREAM:1608bases	Cation/H+ exchanger

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#Ca_Kabuli_SNP1952	Ca_Kabuli_LG05	34527336	[A/G]	Ca_01787	DOWNSTREAM:994bases	ABC transporter-like
#Ca_Kabuli_SNP1953	scaffold966	8115	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1954	Ca_Kabuli_LG07	40692822	[T/G]	Ca_20271	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1955	scaffold5736	4415	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1956	scaffold496	25019	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1957	Ca_Kabuli_LG07	21644342	[G/A]	Ca_14515	DOWNSTREAM:1220bases	Clathrin/coatomer adaptor, adaptin-like, N-terminal
#Ca_Kabuli_SNP1958	Ca_Kabuli_LG03	21558387	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1959	Ca_Kabuli_LG02	13297594	[T/G]	Ca_11679	DOWNSTREAM:1271bases	Initiation factor 2B-related
#Ca_Kabuli_SNP1960	Ca_Kabuli_LG05	30903096	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1961	Ca_Kabuli_LG07	18462652	[C/A]	Ca_22127	STOP_GAINED	Pectinesterase, catalytic
#Ca_Kabuli_SNP1962	Ca_Kabuli_LG07	32309394	[A/T]	Ca_10045	INTRON	von Willebrand factor, type A
#Ca_Kabuli_SNP1963	Ca_Kabuli_LG03	36046966	[C/T]	Ca_00903	NON_SYNONYMOUS_CODING	SWAP/Surp
#Ca_Kabuli_SNP1964	Ca_Kabuli_LG07	13949259	[G/A]	Ca_16067	SYNONYMOUS_CODING	Heat shock protein DnaJ, N-terminal
#Ca_Kabuli_SNP1965	Ca_Kabuli_LG07	12390774	[A/G]	Ca_09275	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP1966	Ca_Kabuli_LG07	9281257	[G/T]	Ca_17331	DOWNSTREAM:1894bases	--
#Ca_Kabuli_SNP1967	Ca_Kabuli_LG08	4807094	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1968	Ca_Kabuli_LG01	34324590	[A/T]	Ca_25479	NON_SYNONYMOUS_CODING	Citrate synthase-like
#Ca_Kabuli_SNP1969	Ca_Kabuli_LG04	2032480	[C/T]	Ca_07822	INTRON	RNA-processing protein, HAT helix
#Ca_Kabuli_SNP1970	Ca_Kabuli_LG01	12688435	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1971	scaffold1039	322287	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1972	scaffold168	208939	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP1973	Ca_Kabuli_LG04	23267883	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP1974	Ca_Kabuli_LG02	27063609	[A/C]	Ca_15636	NON_SYNONYMOUS_CODING	DNA topoisomerase I, C-terminal
#Ca_Kabuli_SNP1975	scaffold461	608623	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP1976	scaffold586	90401	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1977	Ca_Kabuli_LG01	14623270	[C/T]	Ca_07071	NON_SYNONYMOUS_CODING	Ovarian tumour, otubain
#Ca_Kabuli_SNP1978	Ca_Kabuli_LG07	11685190	[C/A]	Ca_09331	NON_SYNONYMOUS_CODING	Peptidase S8/S53, subtilisin/kexin/sedolisin
#Ca_Kabuli_SNP1979	Ca_Kabuli_LG07	44232228	[A/T]	Ca_21369	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP1980	Ca_Kabuli_LG04	13845620	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1981	Ca_Kabuli_LG07	33912896	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP1982	Ca_Kabuli_LG03	23340886	[T/A]	Ca_06186	INTRON	Protein of unknown function DUF3526

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP1983	Ca_Kabuli_LG06	26151464	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP1984	Ca_Kabuli_LG05	37207857	[T/C]	Ca_01496	SYNONYMOUS_CODING	Peptidase C19, ubiquitin carboxyl-terminal hydrolase 2
#Ca_Kabuli_SNP1985	Ca_Kabuli_LG04	12462635	[A/G]	Ca_04469	INTRON	Zinc finger, CCHC-type
#Ca_Kabuli_SNP1986	scaffold3203	276	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP1987	Ca_Kabuli_LG04	9075565	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP1988	Ca_Kabuli_LG03	23340883	[T/C]	Ca_06186	INTRON	Protein of unknown function DUF3524
#Ca_Kabuli_SNP1989	Ca_Kabuli_LG02	13297600	[C/T]	Ca_11679	DOWNSTREAM:1265bases	Initiation factor 2B-related
#Ca_Kabuli_SNP1990	Ca_Kabuli_LG02	18712473	[T/C]	Ca_15966	DOWNSTREAM:68bases	--
#Ca_Kabuli_SNP1991	Ca_Kabuli_LG05	17494699	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP1992	Ca_Kabuli_LG07	20586113	[G/A]	Ca_12409	DOWNSTREAM:212bases	Integrase, catalytic core
#Ca_Kabuli_SNP1993	Ca_Kabuli_LG02	34848963	[G/C]	Ca_16883	NON_SYNONYMOUS_CODING	Bromodomain
#Ca_Kabuli_SNP1994	Ca_Kabuli_LG03	38772170	[A/C]	Ca_01236	INTRON	Mediator complex, subunit Med14
#Ca_Kabuli_SNP1995	scaffold7068	2152	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP1996	Ca_Kabuli_LG04	28092712	[T/G]	Ca_23175	NON_SYNONYMOUS_CODING	Crotonase, core
#Ca_Kabuli_SNP1997	Ca_Kabuli_LG02	24709295	[G/A]	Ca_22892	INTRON	DNA mismatch repair protein MutS, C-terminal domain
#Ca_Kabuli_SNP1998	Ca_Kabuli_LG03	21687443	[T/A]	Ca_09523	NON_SYNONYMOUS_CODING	Aminoacyl-tRNA synthetase, class II (D/K/N)
#Ca_Kabuli_SNP1999	Ca_Kabuli_LG07	4198812	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP2000	Ca_Kabuli_LG06	33495711	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2001	Ca_Kabuli_LG05	17494697	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2002	Ca_Kabuli_LG06	21489040	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP2003	Ca_Kabuli_LG04	38008527	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP2004	scaffold168	208788	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2005	Ca_Kabuli_LG01	1117458	[A/G]	Ca_00138	NON_SYNONYMOUS_CODING	HEAT
#Ca_Kabuli_SNP2006	Ca_Kabuli_LG07	13605197	[A/C]	Ca_16044	SYNONYMOUS_CODING	Zinc finger, C2H2-type
#Ca_Kabuli_SNP2007	Ca_Kabuli_LG06	14332018	[A/C]	Ca_05203	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP2008	Ca_Kabuli_LG08	15131175	[G/A]	Ca_12965	SYNONYMOUS_CODING	Sugar/inositol transporter
#Ca_Kabuli_SNP2009	Ca_Kabuli_LG04	35346558	[T/G]	Ca_20018	INTRON	IQ motif, EF-hand binding site
#Ca_Kabuli_SNP2010	scaffold31	961089	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP2011	Ca_Kabuli_LG04	36467980	[A/C]	Ca_14830	INTRON	Semialdehyde dehydrogenase, NAD-binding
#Ca_Kabuli_SNP2012	Ca_Kabuli_LG06	46734706	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP2013	Ca_Kabuli_LG04	37633044	[C/T]	Ca_15118	DOWNSTREAM:903bases	--

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP2014	Ca_Kabuli_LG04	39086017	[A/T]	Ca_13074	DOWNSTREAM:652bases	Cyclic nucleotide-binding domain
#Ca_Kabuli_SNP2015	Ca_Kabuli_LG04	38302413	[G/A]	Ca_13126	DOWNSTREAM:1724bases	Pentatricopeptide repeat
#Ca_Kabuli_SNP2016	Ca_Kabuli_LG03	28176380	[A/C]	Ca_26949	DOWNSTREAM:1627bases	WD40 repeat
#Ca_Kabuli_SNP2017	Ca_Kabuli_LG04	38536332	[A/C]	Ca_13110	DOWNSTREAM:168bases	BRCT
#Ca_Kabuli_SNP2018	scaffold179	123585	[C/G]		INTERGENIC	
#Ca_Kabuli_SNP2019	Ca_Kabuli_LG04	38836649	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP2020	Ca_Kabuli_LG01	24658546	[G/A]	Ca_18337	SYNONYMOUS_CODING	Auxin responsive SAUR protein
#Ca_Kabuli_SNP2021	Ca_Kabuli_LG04	10430613	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP2022	Ca_Kabuli_LG04	37356951	[C/T]	Ca_15140	INTRON	HEAT
#Ca_Kabuli_SNP2023	Ca_Kabuli_LG04	35229659	[C/T]	Ca_20015	INTRON	Metallo-dependent phosphatase
#Ca_Kabuli_SNP2024	Ca_Kabuli_LG08	9112172	[A/C]	Ca_11534	SYNONYMOUS_CODING	Protein of unknown function DUF1399
#Ca_Kabuli_SNP2025	scaffold99	213518	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2026	scaffold1997	128027	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP2027	scaffold99	103027	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2028	Ca_Kabuli_LG01	31535330	[T/G]	Ca_21865	INTRON	Peptidase S49
#Ca_Kabuli_SNP2029	Ca_Kabuli_LG01	41437428	[G/C]	Ca_23118	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP2030	Ca_Kabuli_LG01	41437429	[C/G]	Ca_23118	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP2031	Ca_Kabuli_LG02	35661053	[C/T]	Ca_09736	DOWNSTREAM:1693bases	Uncharacterised protein family UPF0172
#Ca_Kabuli_SNP2032	Ca_Kabuli_LG05	22116956	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP2033	scaffold542	360756	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP2034	Ca_Kabuli_LG04	46392555	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP2035	Ca_Kabuli_LG05	23663999	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP2036	scaffold269	43299	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP2037	Ca_Kabuli_LG01	17523925	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP2038	Ca_Kabuli_LG05	43919028	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP2039	scaffold357	266729	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP2040	Ca_Kabuli_LG06	32262837	[T/A]		INTERGENIC	
#Ca_Kabuli_SNP2041	Ca_Kabuli_LG06	59367115	[C/A]	Ca_18844	NON_SYNONYMOUS_CODING	Pyrophosphate-energised proton pump
#Ca_Kabuli_SNP2042	Ca_Kabuli_LG04	660041	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP2043	scaffold2881	1214	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP2044	scaffold431	107625	[T/C]		INTERGENIC	

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#Ca_Kabuli_SNP2045	Ca_Kabuli_LG08	1194886	[G/A]	Ca_15060	INTRON	Alpha/beta hydrolase fold-2
#Ca_Kabuli_SNP2046	Ca_Kabuli_LG03	17679400	[G/C]	Ca_21115	NON_SYNONYMOUS_CODING	DNA-directed RNA polymerase, subunit 2, domain 6
#Ca_Kabuli_SNP2047	Ca_Kabuli_LG04	18719417	[A/G]	Ca_13978	INTRON	--
#Ca_Kabuli_SNP2048	Ca_Kabuli_LG07	234624	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP2049	scaffold2290	904	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP2050	Ca_Kabuli_LG04	5900290	[C/T]	Ca_03661	DOWNSTREAM:167bases	Hypoxia induced protein, domain
#Ca_Kabuli_SNP2051	Ca_Kabuli_LG04	28092727	[T/A]	Ca_23175	NON_SYNONYMOUS_CODING	Crotonase, core
#Ca_Kabuli_SNP2052	scaffold214	136106	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP2053	Ca_Kabuli_LG06	7834866	[T/G]	Ca_09595	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP2054	Ca_Kabuli_LG05	26696533	[C/T]	Ca_08950	DOWNSTREAM:460bases	Disease resistance protein
#Ca_Kabuli_SNP2055	Ca_Kabuli_LG06	27710498	[T/C]	Ca_14588	SYNONYMOUS_CODING	Preprotein translocase Sec, Sec61-beta subunit
#Ca_Kabuli_SNP2056	Ca_Kabuli_LG03	4597225	[T/G]	Ca_22082	SYNONYMOUS_CODING	Pectinesterase, catalytic
#Ca_Kabuli_SNP2057	Ca_Kabuli_LG06	32035932	[C/A]	Ca_15208	INTRON	MD-2-related lipid-recognition
#Ca_Kabuli_SNP2058	Ca_Kabuli_LG06	32035933	[T/G]	Ca_15208	INTRON	MD-2-related lipid-recognition
#Ca_Kabuli_SNP2059	Ca_Kabuli_LG05	20443995	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP2060	Ca_Kabuli_LG01	5430645	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP2061	scaffold168	208786	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP2062	Ca_Kabuli_LG03	26849303	[T/C]	Ca_08222	NON_SYNONYMOUS_CODING	Regulator of chromosome condensation, RCC1
#Ca_Kabuli_SNP2063	Ca_Kabuli_LG01	47979058	[C/A]		INTERGENIC	
#Ca_Kabuli_SNP2064	Ca_Kabuli_LG01	4902036	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2065	Ca_Kabuli_LG08	4807080	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP2066	scaffold403	294438	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP2067	Ca_Kabuli_LG04	41969260	[C/G]	Ca_10924	SYNONYMOUS_CODING	Endonuclease/exonuclease/phosphatase
#Ca_Kabuli_SNP2068	scaffold168	208932	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP2069	scaffold382	110772	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP2070	Ca_Kabuli_LG04	5779788	[A/T]	Ca_03672	DOWNSTREAM:169bases	Helicase, C-terminal
#Ca_Kabuli_SNP2071	Ca_Kabuli_LG04	6889974	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP2072	Ca_Kabuli_LG07	16936123	[C/A]	Ca_15885	NON_SYNONYMOUS_CODING	H/ACA ribonucleoprotein complex, subunit Nop10
#Ca_Kabuli_SNP2073	Ca_Kabuli_LG02	25725665	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP2074	Ca_Kabuli_LG04	6889964	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP2075	Ca_Kabuli_LG01	14623279	[T/G]	Ca_07071	NON_SYNONYMOUS_CODING	Ovarian tumour, otubain

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#Ca_Kabuli_SNP2076	Ca_Kabuli_LG07	8007992	[G/T]	Ca_13217	NON_SYNONYMOUS_CODING	Kelch repeat type 1
#Ca_Kabuli_SNP2077	Ca_Kabuli_LG02	23219939	[C/A]	Ca_14970	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP2078	Ca_Kabuli_LG03	31091141	[A/C]	Ca_12206	SYNONYMOUS_CODING	Histone H1/H5
#Ca_Kabuli_SNP2079	scaffold4067	36336	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP2080	Ca_Kabuli_LG08	14821416	[A/G]	Ca_12987	SYNONYMOUS_CODING	Mrp, conserved site
#Ca_Kabuli_SNP2081	Ca_Kabuli_LG04	8683953	[C/G]	Ca_08364	NON_SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP2082	Ca_Kabuli_LG04	8685875	[G/A]	Ca_08364	NON_SYNONYMOUS_CODING	Disease resistance protein
#Ca_Kabuli_SNP2083	Ca_Kabuli_LG04	30258607	[C/A]	Ca_14190	DOWNSTREAM:1269bases	Zinc finger, CCCH-type
#Ca_Kabuli_SNP2084	Ca_Kabuli_LG05	282870	[A/C]	Ca_18182	DOWNSTREAM:1340bases	Short-chain dehydrogenase/reductase SDR
#Ca_Kabuli_SNP2085	Ca_Kabuli_LG01	3546461	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2086	scaffold416	62540	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP2087	Ca_Kabuli_LG01	3736956	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP2088	Ca_Kabuli_LG02	5259270	[A/C]	Ca_14682	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP2089	Ca_Kabuli_LG08	4073077	[A/T]	Ca_02163	SYNONYMOUS_CODING	Zinc finger, RING-type
#Ca_Kabuli_SNP2090	Ca_Kabuli_LG08	4073076	[A/C]	Ca_02163	SYNONYMOUS_CODING	Zinc finger, RING-type
#Ca_Kabuli_SNP2091	Ca_Kabuli_LG02	31534283	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP2092	Ca_Kabuli_LG08	14124588	[C/A]	Ca_13047	DOWNSTREAM:43bases	Protein phosphatase 2C-like
#Ca_Kabuli_SNP2093	Ca_Kabuli_LG04	8692321	[C/T]	Ca_08365	NON_SYNONYMOUS_CODING	Glycoside hydrolase, family 13, N-terminal
#Ca_Kabuli_SNP2094	Ca_Kabuli_LG02	7125951	[T/G]	Ca_19128	SYNONYMOUS_CODING	Oxidoreductase, N-terminal
#Ca_Kabuli_SNP2095	Ca_Kabuli_LG06	3962444	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP2096	Ca_Kabuli_LG07	35134887	[T/A]	Ca_17638	NON_SYNONYMOUS_CODING	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP2097	scaffold382	110759	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2098	Ca_Kabuli_LG04	10430622	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP2099	Ca_Kabuli_LG08	11087143	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP2100	Ca_Kabuli_LG02	24741195	[C/T]	Ca_22889	SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP2101	Ca_Kabuli_LG06	20679819	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP2102	Ca_Kabuli_LG08	11403805	[A/G]	Ca_16820	NON_SYNONYMOUS_CODING	SANT domain, DNA binding
#Ca_Kabuli_SNP2103	Ca_Kabuli_LG01	17983298	[T/G]	Ca_14744	NON_SYNONYMOUS_CODING	RAG1-activating protein-1-related
#Ca_Kabuli_SNP2104	Ca_Kabuli_LG08	11066644	[C/T]	Ca_16843	SYNONYMOUS_CODING	Multi antimicrobial extrusion protein
#Ca_Kabuli_SNP2105	Ca_Kabuli_LG08	11087302	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP2106	Ca_Kabuli_LG08	14325980	[C/A]	Ca_13032	INTRON	Kinesin, motor domain

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP2107	Ca_Kabuli_LG05	32011781	[T/G]	Ca_04904	INTRON	Kinesin, motor domain
#Ca_Kabuli_SNP2108	Ca_Kabuli_LG07	13580931	[A/C]	Ca_16043	SYNONYMOUS_CODING	Transcription factor GRAS
#Ca_Kabuli_SNP2109	Ca_Kabuli_LG08	11102892	[T/G]	Ca_16842	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP2110	Ca_Kabuli_LG08	11102884	[T/A]	Ca_16842	INTRON	Protein kinase, catalytic domain
#Ca_Kabuli_SNP2111	Ca_Kabuli_LG08	11066728	[G/A]	Ca_16843	INTRON	Multi antimicrobial extrusion protein
#Ca_Kabuli_SNP2112	Ca_Kabuli_LG08	11067014	[T/C]	Ca_16843	INTRON	Multi antimicrobial extrusion protein
#Ca_Kabuli_SNP2113	Ca_Kabuli_LG08	11066975	[G/A]	Ca_16843	INTRON	Multi antimicrobial extrusion protein
#Ca_Kabuli_SNP2114	Ca_Kabuli_LG08	11128030	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP2115	Ca_Kabuli_LG08	11087123	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2116	Ca_Kabuli_LG03	22225100	[G/T]	Ca_20408	SYNONYMOUS_CODING	Plastocyanin-like
#Ca_Kabuli_SNP2117	Ca_Kabuli_LG08	11067090	[C/T]	Ca_16843	SYNONYMOUS_CODING	Multi antimicrobial extrusion protein
#Ca_Kabuli_SNP2118	scaffold57	253574	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP2119	scaffold57	253596	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP2120	Ca_Kabuli_LG06	32717450	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP2121	Ca_Kabuli_LG08	8066006	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP2122	scaffold2091	56358	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP2123	Ca_Kabuli_LG08	13248268	[T/C]	Ca_20108	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
#Ca_Kabuli_SNP2124	Ca_Kabuli_LG02	7701206	[T/A]	Ca_18123	SYNONYMOUS_CODING	Multi antimicrobial extrusion protein
#Ca_Kabuli_SNP2125	Ca_Kabuli_LG04	47592455	[T/C]	Ca_10830	INTRON	Phospholipid/glycerol acyltransferase
#Ca_Kabuli_SNP2126	Ca_Kabuli_LG02	7714332	[A/T]	Ca_18124	INTRON	Multi antimicrobial extrusion protein
#Ca_Kabuli_SNP2127	Ca_Kabuli_LG07	20613547	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP2128	Ca_Kabuli_LG07	20498626	[G/T]	Ca_12400	INTRON	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP2129	Ca_Kabuli_LG07	20543112	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2130	Ca_Kabuli_LG02	7679627	[A/T]	Ca_18121	NON_SYNONYMOUS_CODING	Multi antimicrobial extrusion protein
#Ca_Kabuli_SNP2131	Ca_Kabuli_LG02	7753419	[G/C]		INTERGENIC	
#Ca_Kabuli_SNP2132	Ca_Kabuli_LG02	7753440	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP2133	Ca_Kabuli_LG02	7753425	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2134	Ca_Kabuli_LG02	7714220	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP2135	Ca_Kabuli_LG02	7679693	[C/G]	Ca_18121	NON_SYNONYMOUS_CODING	Multi antimicrobial extrusion protein
#Ca_Kabuli_SNP2136	Ca_Kabuli_LG04	38536170	[A/G]	Ca_13110	DOWNSTREAM:6bases	BRCT
#Ca_Kabuli_SNP2137	Ca_Kabuli_LG04	12526606	[G/T]	Ca_04475	SYNONYMOUS_CODING	Cytochrome b561, eukaryote



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#Ca_Kabuli_SNP2138	Ca_Kabuli_LG02	7714392	[G/A]	Ca_18124	NON_SYNONYMOUS_CODING	Multi antimicrobial extrusion protein
#Ca_Kabuli_SNP2139	Ca_Kabuli_LG07	20613718	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2140	scaffold99	106349	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2141	Ca_Kabuli_LG07	20564024	[G/A]	Ca_12406	SYNONYMOUS_CODING	KIP1-like
#Ca_Kabuli_SNP2142	Ca_Kabuli_LG07	20564297	[A/G]	Ca_12406	SYNONYMOUS_CODING	KIP1-like
#Ca_Kabuli_SNP2143	Ca_Kabuli_LG04	14206908	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2144	scaffold1679	55438	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP2145	Ca_Kabuli_LG07	20543119	[T/C]		INTERGENIC	
#Ca_Kabuli_SNP2146	Ca_Kabuli_LG04	5233608	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP2147	Ca_Kabuli_LG07	20556466	[G/C]	Ca_12405	DOWNSTREAM:1199bases	SGT1
#Ca_Kabuli_SNP2148	Ca_Kabuli_LG07	20496303	[T/C]	Ca_12400	SYNONYMOUS_CODING	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP2149	Ca_Kabuli_LG07	20452278	[G/A]	Ca_12396	SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP2150	Ca_Kabuli_LG07	20498552	[C/T]	Ca_12400	INTRON	Pathogenesis-related transcriptional factor/ERF, DNA-binding
#Ca_Kabuli_SNP2151	Ca_Kabuli_LG08	9388734	[A/T]		INTERGENIC	
#Ca_Kabuli_SNP2152	Ca_Kabuli_LG07	20452457	[G/A]	Ca_12396	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain
#Ca_Kabuli_SNP2153	Ca_Kabuli_LG06	23776635	[A/G]	Ca_11079	INTRON	Tetratricopeptide repeat-containing
#Ca_Kabuli_SNP2154	scaffold271	81752	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP2155	scaffold1196	82935	[A/C]		INTERGENIC	
#Ca_Kabuli_SNP2156	Ca_Kabuli_LG08	1794812	[G/C]	Ca_02426	NON_SYNONYMOUS_CODING	ATPase, P-type, K/Mg/Cd/Cu/Zn/Na/Ca/Na/H-transporter
#Ca_Kabuli_SNP2157	scaffold1561	4821	[G/A]		INTERGENIC	
#Ca_Kabuli_SNP2158	Ca_Kabuli_LG02	35121978	[T/C]	Ca_16857	INTRON	Metallo-dependent phosphatase
#Ca_Kabuli_SNP2159	Ca_Kabuli_LG03	15962250	[A/C]	Ca_17058	NON_SYNONYMOUS_CODING	Zinc finger, LSD1-type
#Ca_Kabuli_SNP2160	Ca_Kabuli_LG01	18015870	[T/G]	Ca_14741	NON_SYNONYMOUS_CODING	Pentatricopeptide repeat
#Ca_Kabuli_SNP2161	scaffold2139	33631	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP2162	Ca_Kabuli_LG08	4611043	[A/G]	Ca_02096	NON_SYNONYMOUS_CODING	SET domain
#Ca_Kabuli_SNP2163	Ca_Kabuli_LG08	310131	[A/C]	Ca_11904	NON_SYNONYMOUS_CODING	--
#Ca_Kabuli_SNP2164	Ca_Kabuli_LG02	24220954	[A/C]	Ca_21666	INTRON	SNF2-related
#Ca_Kabuli_SNP2165	Ca_Kabuli_LG08	14715495	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP2166	Ca_Kabuli_LG05	46260817	[A/C]	Ca_04079	NON_SYNONYMOUS_CODING	Mitochondrial inner membrane translocase complex, subunit
#Ca_Kabuli_SNP2167	scaffold1466	122512	[T/G]		INTERGENIC	
#Ca_Kabuli_SNP2168	Ca_Kabuli_LG01	34911033	[T/G]	Ca_21409	NON_SYNONYMOUS_CODING	--

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
#Ca_Kabuli_SNP2169	scaffold170	72469	[A/G]		INTERGENIC	
#Ca_Kabuli_SNP2170	Ca_Kabuli_LG01	43782277	[T/G]	Ca_13549	INTRON	--
#Ca_Kabuli_SNP2171	Ca_Kabuli_LG04	615692	[C/A]	Ca_07692	NON_SYNONYMOUS_CODING	HEAT, type 2
#Ca_Kabuli_SNP2172	scaffold190	195000	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2173	Ca_Kabuli_LG05	21033922	[C/T]		INTERGENIC	
#Ca_Kabuli_SNP2174	Ca_Kabuli_LG01	36408325	[T/A]	Ca_21687	NON_SYNONYMOUS_CODING	Ubiquitin-associated/translation elongation factor EF1B, N-ter
#Ca_Kabuli_SNP2175	scaffold559	465722	[G/T]		INTERGENIC	
#Ca_Kabuli_SNP2176	Ca_Kabuli_LG07	29190657	[T/C]	Ca_11786	SYNONYMOUS_CODING	Glutamyl/glutaminyl-tRNA synthetase, class Ic
#Ca_Kabuli_SNP2177	scaffold170	72495	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2178	Ca_Kabuli_LG01	2885508	[C/T]	Ca_00351	DOWNSTREAM:1877bases	Disease resistance protein
Ca_Kabuli_SNP2179	Ca_Kabuli_LG01	2885525	[C/T]	Ca_00351	DOWNSTREAM:1894bases	Disease resistance protein
Ca_Kabuli_SNP2180	Ca_Kabuli_LG01	4906830	[T/C]	Ca_00577	DOWNSTREAM:1037bases	Disease resistance protein
Ca_Kabuli_SNP2181	Ca_Kabuli_LG01	10339063	[G/T]	Ca_02745	DOWNSTREAM:1630bases	Glucose-methanol-choline oxidoreductase, N-terminal
Ca_Kabuli_SNP2182	Ca_Kabuli_LG01	17462593	[A/G]	Ca_14788	DOWNSTREAM:1378bases	Glycoside hydrolase, family 3, N-terminal
Ca_Kabuli_SNP2183	Ca_Kabuli_LG01	2886005	[A/G]		INTERGENIC	
Ca_Kabuli_SNP2184	Ca_Kabuli_LG01	2885988	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2185	Ca_Kabuli_LG01	2885987	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2186	Ca_Kabuli_LG01	11193251	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2187	Ca_Kabuli_LG01	3546462	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2188	Ca_Kabuli_LG01	3546463	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2189	Ca_Kabuli_LG01	2287408	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2190	Ca_Kabuli_LG01	777240	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2191	Ca_Kabuli_LG01	1292473	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2192	Ca_Kabuli_LG01	1292471	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2193	Ca_Kabuli_LG01	1292470	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2194	Ca_Kabuli_LG01	10715410	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2195	Ca_Kabuli_LG01	10715411	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2196	Ca_Kabuli_LG01	10715412	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2197	Ca_Kabuli_LG01	32286505	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2198	Ca_Kabuli_LG01	2948258	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2199	Ca_Kabuli_LG01	2948249	[C/A]		INTERGENIC	

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Ca_Kabuli_SNP2200	Ca_Kabuli_LG01	2883717	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2201	Ca_Kabuli_LG01	2883716	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2202	Ca_Kabuli_LG01	2883684	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2203	Ca_Kabuli_LG01	2883194	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2204	Ca_Kabuli_LG01	2883189	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2205	Ca_Kabuli_LG01	12948253	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2206	Ca_Kabuli_LG01	12992445	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2207	Ca_Kabuli_LG01	26807403	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2208	Ca_Kabuli_LG01	2232774	[A/T]	Ca_00279	INTRON	Amidohydrolase 1
Ca_Kabuli_SNP2209	Ca_Kabuli_LG01	2232775	[A/T]	Ca_00279	INTRON	Amidohydrolase 1
Ca_Kabuli_SNP2210	Ca_Kabuli_LG01	2232777	[T/G]	Ca_00279	INTRON	Amidohydrolase 1
Ca_Kabuli_SNP2211	Ca_Kabuli_LG01	2232778	[T/A]	Ca_00279	INTRON	Amidohydrolase 1
Ca_Kabuli_SNP2212	Ca_Kabuli_LG01	10739566	[C/A]	Ca_02687	INTRON	Ribokinase
Ca_Kabuli_SNP2213	Ca_Kabuli_LG01	6315399	[G/T]	Ca_07892	INTRON	Zinc finger, ZZ-type
Ca_Kabuli_SNP2214	Ca_Kabuli_LG01	7160640	[T/G]	Ca_07974	INTRON	NUDIX hydrolase domain
Ca_Kabuli_SNP2215	Ca_Kabuli_LG01	24450483	[T/G]	Ca_18343	INTRON	Ribulose-phosphate 3-epimerase
Ca_Kabuli_SNP2216	Ca_Kabuli_LG01	27017570	[A/G]	Ca_20299	INTRON	Cystathionine beta-synthase, core
Ca_Kabuli_SNP2217	Ca_Kabuli_LG01	27017606	[C/T]	Ca_20299	INTRON	Cystathionine beta-synthase, core
Ca_Kabuli_SNP2218	Ca_Kabuli_LG01	31528989	[T/G]	Ca_21865	INTRON	Peptidase S49
Ca_Kabuli_SNP2219	Ca_Kabuli_LG01	31528990	[T/A]	Ca_21865	INTRON	Peptidase S49
Ca_Kabuli_SNP2220	Ca_Kabuli_LG01	31528991	[G/T]	Ca_21865	INTRON	Peptidase S49
Ca_Kabuli_SNP2221	Ca_Kabuli_LG01	37690465	[T/C]	Ca_23533	INTRON	Myb, DNA-binding
Ca_Kabuli_SNP2222	Ca_Kabuli_LG01	37690498	[C/A]	Ca_23533	INTRON	Myb, DNA-binding
Ca_Kabuli_SNP2223	Ca_Kabuli_LG01	4908733	[C/A]	Ca_00577	NON_SYNONYMOUS_CODING	Disease resistance protein
Ca_Kabuli_SNP2224	Ca_Kabuli_LG01	11230109	[T/C]	Ca_02632	NON_SYNONYMOUS_CODING	Pumilio RNA-binding repeat
Ca_Kabuli_SNP2225	Ca_Kabuli_LG01	17093640	[T/G]	Ca_06863	NON_SYNONYMOUS_CODING	--
Ca_Kabuli_SNP2226	Ca_Kabuli_LG01	8113398	[C/G]	Ca_08057	NON_SYNONYMOUS_CODING	RNA helicase, ATP-dependent, DEAD-box, conserved site
Ca_Kabuli_SNP2227	Ca_Kabuli_LG01	8113403	[A/T]	Ca_08057	NON_SYNONYMOUS_CODING	RNA helicase, ATP-dependent, DEAD-box, conserved site
Ca_Kabuli_SNP2228	Ca_Kabuli_LG01	40336759	[C/T]	Ca_13893	NON_SYNONYMOUS_CODING	Tetratricopeptide, MLP1/MLP2-like
Ca_Kabuli_SNP2229	Ca_Kabuli_LG01	18748595	[C/G]	Ca_17381	NON_SYNONYMOUS_CODING	APO protein, plant
Ca_Kabuli_SNP2230	Ca_Kabuli_LG01	18748596	[G/A]	Ca_17381	NON_SYNONYMOUS_CODING	APO protein, plant

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2231	Ca_Kabuli_LG01	2053787	[C/A]	Ca_00260	STOP_GAINED	Disease resistance protein
Ca_Kabuli_SNP2232	Ca_Kabuli_LG01	2053744	[A/C]	Ca_00260	SYNONYMOUS_CODING	Disease resistance protein
Ca_Kabuli_SNP2233	Ca_Kabuli_LG01	2053784	[A/C]	Ca_00260	SYNONYMOUS_CODING	Disease resistance protein
Ca_Kabuli_SNP2234	Ca_Kabuli_LG01	2053819	[C/A]	Ca_00260	SYNONYMOUS_CODING	Disease resistance protein
Ca_Kabuli_SNP2235	Ca_Kabuli_LG01	2053833	[T/G]	Ca_00260	SYNONYMOUS_CODING	Disease resistance protein
Ca_Kabuli_SNP2236	Ca_Kabuli_LG01	2053856	[T/G]	Ca_00260	SYNONYMOUS_CODING	Disease resistance protein
Ca_Kabuli_SNP2237	Ca_Kabuli_LG01	9270090	[T/G]	Ca_02867	SYNONYMOUS_CODING	Nucleoporin interacting component Nup93/Nic96
Ca_Kabuli_SNP2238	Ca_Kabuli_LG01	8113449	[T/A]	Ca_08057	SYNONYMOUS_CODING	RNA helicase, ATP-dependent, DEAD-box, conserved site
Ca_Kabuli_SNP2239	Ca_Kabuli_LG01	17983310	[T/G]	Ca_14744	SYNONYMOUS_CODING	RAG1-activating protein-1-related
Ca_Kabuli_SNP2240	Ca_Kabuli_LG02	36171327	[T/A]	Ca_09797	DOWNSTREAM:1084bases	Aldo/keto reductase
Ca_Kabuli_SNP2241	Ca_Kabuli_LG02	36171326	[T/G]	Ca_09797	DOWNSTREAM:1085bases	Aldo/keto reductase
Ca_Kabuli_SNP2242	Ca_Kabuli_LG02	33398549	[T/C]	Ca_10186	DOWNSTREAM:301bases	Disease resistance protein
Ca_Kabuli_SNP2243	Ca_Kabuli_LG02	30977522	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2244	Ca_Kabuli_LG02	30977528	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2245	Ca_Kabuli_LG02	5866794	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2246	Ca_Kabuli_LG02	36275166	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2247	Ca_Kabuli_LG02	36275167	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2248	Ca_Kabuli_LG02	36275169	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2249	Ca_Kabuli_LG02	36046595	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2250	Ca_Kabuli_LG02	36046720	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2251	Ca_Kabuli_LG02	36046820	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2252	Ca_Kabuli_LG02	28097395	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2253	Ca_Kabuli_LG02	19901595	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2254	Ca_Kabuli_LG02	32096180	[C/G]		INTERGENIC	
Ca_Kabuli_SNP2255	Ca_Kabuli_LG02	32096186	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2256	Ca_Kabuli_LG02	30954305	[T/G]	Ca_12469	INTRON	Clathrin, heavy chain/VPS, 7-fold repeat
Ca_Kabuli_SNP2257	Ca_Kabuli_LG02	35121976	[T/C]	Ca_16857	INTRON	Metallo-dependent phosphatase
Ca_Kabuli_SNP2258	Ca_Kabuli_LG02	33399065	[T/C]	Ca_10186	NON_SYNONYMOUS_CODING	Disease resistance protein
Ca_Kabuli_SNP2259	Ca_Kabuli_LG02	26035674	[G/C]	Ca_14310	NON_SYNONYMOUS_CODING	Pentatricopeptide repeat
Ca_Kabuli_SNP2260	Ca_Kabuli_LG02	26035675	[G/T]	Ca_14310	NON_SYNONYMOUS_CODING	Pentatricopeptide repeat
Ca_Kabuli_SNP2261	Ca_Kabuli_LG02	27063610	[G/T]	Ca_15636	NON_SYNONYMOUS_CODING	DNA topoisomerase I, C-terminal

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2262	Ca_Kabuli_LG02	34848964	[G/T]	Ca_16883	NON_SYNONYMOUS_CODING	Bromodomain
Ca_Kabuli_SNP2263	Ca_Kabuli_LG02	26871568	[C/A]	Ca_17275	NON_SYNONYMOUS_CODING	Zinc finger, RING-type
Ca_Kabuli_SNP2264	Ca_Kabuli_LG02	26871569	[T/G]	Ca_17275	NON_SYNONYMOUS_CODING	Zinc finger, RING-type
Ca_Kabuli_SNP2265	Ca_Kabuli_LG02	7701199	[T/G]	Ca_18123	NON_SYNONYMOUS_CODING	Multi antimicrobial extrusion protein
Ca_Kabuli_SNP2266	Ca_Kabuli_LG02	26871570	[T/A]	Ca_17275	STOP_GAINED	Zinc finger, RING-type
Ca_Kabuli_SNP2267	Ca_Kabuli_LG02	32670090	[T/G]	Ca_10254	SYNONYMOUS_CODING	BTB/POZ-like
Ca_Kabuli_SNP2268	Ca_Kabuli_LG02	13217904	[G/T]	Ca_11681	SYNONYMOUS_CODING	Zinc finger, DHHC-type, palmitoyltransferase
Ca_Kabuli_SNP2269	Ca_Kabuli_LG02	13217905	[A/C]	Ca_11681	SYNONYMOUS_CODING	Zinc finger, DHHC-type, palmitoyltransferase
Ca_Kabuli_SNP2270	Ca_Kabuli_LG02	13217906	[T/C]	Ca_11681	SYNONYMOUS_CODING	Zinc finger, DHHC-type, palmitoyltransferase
Ca_Kabuli_SNP2271	Ca_Kabuli_LG02	31005847	[T/G]	Ca_12464	SYNONYMOUS_CODING	Lateral organ boundaries, LOB
Ca_Kabuli_SNP2272	Ca_Kabuli_LG02	34551849	[A/C]	Ca_15281	SYNONYMOUS_CODING	Like-Sm ribonucleoprotein (LSM) domain
Ca_Kabuli_SNP2273	Ca_Kabuli_LG02	30091140	[C/T]	Ca_16081	SYNONYMOUS_CODING	Peptidase S8/S53, subtilisin/kexin/sedolisin
Ca_Kabuli_SNP2274	Ca_Kabuli_LG02	30091146	[A/T]	Ca_16081	SYNONYMOUS_CODING	Peptidase S8/S53, subtilisin/kexin/sedolisin
Ca_Kabuli_SNP2275	Ca_Kabuli_LG02	30091173	[C/T]	Ca_16081	SYNONYMOUS_CODING	Peptidase S8/S53, subtilisin/kexin/sedolisin
Ca_Kabuli_SNP2276	Ca_Kabuli_LG02	26871571	[C/T]	Ca_17275	SYNONYMOUS_CODING	Zinc finger, RING-type
Ca_Kabuli_SNP2277	Ca_Kabuli_LG03	37316818	[T/G]	Ca_01065	DOWNSTREAM:1845bases	Zinc finger, Sec23/Sec24-type
Ca_Kabuli_SNP2278	Ca_Kabuli_LG03	31521142	[C/T]	Ca_12251	DOWNSTREAM:144bases	Oligopeptide transporter
Ca_Kabuli_SNP2279	Ca_Kabuli_LG03	12897831	[A/C]	Ca_21013	DOWNSTREAM:1478bases	--
Ca_Kabuli_SNP2280	Ca_Kabuli_LG03	17056558	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2281	Ca_Kabuli_LG03	31790392	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2282	Ca_Kabuli_LG03	39642782	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2283	Ca_Kabuli_LG03	39642783	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2284	Ca_Kabuli_LG03	11677781	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2285	Ca_Kabuli_LG03	11677779	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2286	Ca_Kabuli_LG03	29869381	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2287	Ca_Kabuli_LG03	17918037	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2288	Ca_Kabuli_LG03	17918038	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2289	Ca_Kabuli_LG03	17918039	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2290	Ca_Kabuli_LG03	29804207	[C/G]		INTERGENIC	
Ca_Kabuli_SNP2291	Ca_Kabuli_LG03	29804225	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2292	Ca_Kabuli_LG03	19792757	[T/C]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2293	Ca_Kabuli_LG03	31631644	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2294	Ca_Kabuli_LG03	2461960	[A/G]		INTERGENIC	
Ca_Kabuli_SNP2295	Ca_Kabuli_LG03	8536213	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2296	Ca_Kabuli_LG03	8536275	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2297	Ca_Kabuli_LG03	8536295	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2298	Ca_Kabuli_LG03	38103369	[T/G]	Ca_01154	INTRON	Peptidase S1/S6, chymotrypsin/Hap
Ca_Kabuli_SNP2299	Ca_Kabuli_LG03	38103375	[T/C]	Ca_01154	INTRON	Peptidase S1/S6, chymotrypsin/Hap
Ca_Kabuli_SNP2300	Ca_Kabuli_LG03	23340887	[A/C]	Ca_06186	INTRON	Protein of unknown function DUF3527
Ca_Kabuli_SNP2301	Ca_Kabuli_LG03	31279606	[A/G]	Ca_12224	INTRON	Protein of unknown function DUF647
Ca_Kabuli_SNP2302	Ca_Kabuli_LG03	31279616	[A/T]	Ca_12224	INTRON	Protein of unknown function DUF647
Ca_Kabuli_SNP2303	Ca_Kabuli_LG03	15745337	[G/T]	Ca_17048	INTRON	Forkhead-associated (FHA) domain
Ca_Kabuli_SNP2304	Ca_Kabuli_LG03	36752677	[A/C]	Ca_00998	NON_SYNONYMOUS_CODING	Glycoside hydrolase, family 3, N-terminal
Ca_Kabuli_SNP2305	Ca_Kabuli_LG03	37608935	[C/A]	Ca_01099	NON_SYNONYMOUS_CODING	Calmodulin binding protein-like
Ca_Kabuli_SNP2306	Ca_Kabuli_LG03	37608936	[T/G]	Ca_01099	NON_SYNONYMOUS_CODING	Calmodulin binding protein-like
Ca_Kabuli_SNP2307	Ca_Kabuli_LG03	37608937	[T/A]	Ca_01099	NON_SYNONYMOUS_CODING	Calmodulin binding protein-like
Ca_Kabuli_SNP2308	Ca_Kabuli_LG03	24262413	[C/G]	Ca_06094	NON_SYNONYMOUS_CODING	LETM1-like
Ca_Kabuli_SNP2309	Ca_Kabuli_LG03	24262414	[T/A]	Ca_06094	NON_SYNONYMOUS_CODING	LETM1-like
Ca_Kabuli_SNP2310	Ca_Kabuli_LG03	24262415	[C/T]	Ca_06094	NON_SYNONYMOUS_CODING	LETM1-like
Ca_Kabuli_SNP2311	Ca_Kabuli_LG03	29107925	[A/T]	Ca_07215	NON_SYNONYMOUS_CODING	Heat shock protein DnaJ, N-terminal
Ca_Kabuli_SNP2312	Ca_Kabuli_LG03	29107926	[A/C]	Ca_07215	NON_SYNONYMOUS_CODING	Heat shock protein DnaJ, N-terminal
Ca_Kabuli_SNP2313	Ca_Kabuli_LG03	29107927	[G/T]	Ca_07215	NON_SYNONYMOUS_CODING	Heat shock protein DnaJ, N-terminal
Ca_Kabuli_SNP2314	Ca_Kabuli_LG03	21687978	[A/G]	Ca_09523	NON_SYNONYMOUS_CODING	Aminoacyl-tRNA synthetase, class II (D/K/N)
Ca_Kabuli_SNP2315	Ca_Kabuli_LG03	31698432	[A/C]	Ca_12272	NON_SYNONYMOUS_CODING	ABC transporter, transmembrane domain
Ca_Kabuli_SNP2316	Ca_Kabuli_LG03	31952333	[G/T]	Ca_12295	NON_SYNONYMOUS_CODING	HEAT
Ca_Kabuli_SNP2317	Ca_Kabuli_LG03	7026895	[C/A]	Ca_16540	NON_SYNONYMOUS_CODING	Zinc finger, ZZ-type
Ca_Kabuli_SNP2318	Ca_Kabuli_LG03	21069917	[A/G]	Ca_09474	SYNONYMOUS_CODING	Aminoacyl-tRNA synthetase, class II (D/K/N)
Ca_Kabuli_SNP2319	Ca_Kabuli_LG03	17679402	[T/G]	Ca_21115	SYNONYMOUS_CODING	DNA-directed RNA polymerase, subunit 2, domain 6
Ca_Kabuli_SNP2320	Ca_Kabuli_LG03	17984978	[T/G]	Ca_21132	SYNONYMOUS_CODING	Protein kinase, catalytic domain
Ca_Kabuli_SNP2321	Ca_Kabuli_LG04	11231142	[G/A]	Ca_04356	DOWNSTREAM:869bases	Choline/ethanolamine kinase
Ca_Kabuli_SNP2322	Ca_Kabuli_LG04	11231135	[T/C]	Ca_04356	DOWNSTREAM:876bases	Choline/ethanolamine kinase
Ca_Kabuli_SNP2323	Ca_Kabuli_LG04	12609673	[C/G]	Ca_04483	DOWNSTREAM:1031bases	Zinc finger, RING-type

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2324	Ca_Kabuli_LG04	48498368	[T/C]	Ca_10741	DOWNSTREAM:1629bases	Eukaryotic initiation factor 3, gamma subunit
Ca_Kabuli_SNP2325	Ca_Kabuli_LG04	48498166	[G/A]	Ca_10741	DOWNSTREAM:1831bases	Eukaryotic initiation factor 3, gamma subunit
Ca_Kabuli_SNP2326	Ca_Kabuli_LG04	42038745	[A/T]	Ca_10919	DOWNSTREAM:1006bases	Glycoside hydrolase, family 28
Ca_Kabuli_SNP2327	Ca_Kabuli_LG04	38302445	[G/A]	Ca_13126	DOWNSTREAM:1756bases	Pentatricopeptide repeat
Ca_Kabuli_SNP2328	Ca_Kabuli_LG04	30258596	[C/G]	Ca_14190	DOWNSTREAM:1280bases	Zinc finger, CCCH-type
Ca_Kabuli_SNP2329	Ca_Kabuli_LG04	30258045	[T/A]	Ca_14190	DOWNSTREAM:1831bases	Zinc finger, CCCH-type
Ca_Kabuli_SNP2330	Ca_Kabuli_LG04	30258044	[T/A]	Ca_14190	DOWNSTREAM:1832bases	Zinc finger, CCCH-type
Ca_Kabuli_SNP2331	Ca_Kabuli_LG04	30463074	[G/T]	Ca_14198	DOWNSTREAM:1699bases	Myb, DNA-binding
Ca_Kabuli_SNP2332	Ca_Kabuli_LG04	30463076	[A/G]	Ca_14198	DOWNSTREAM:1701bases	Myb, DNA-binding
Ca_Kabuli_SNP2333	Ca_Kabuli_LG04	40349162	[C/G]	Ca_14889	DOWNSTREAM:1573bases	Ionotropic glutamate receptor
Ca_Kabuli_SNP2334	Ca_Kabuli_LG04	40349163	[A/G]	Ca_14889	DOWNSTREAM:1574bases	Ionotropic glutamate receptor
Ca_Kabuli_SNP2335	Ca_Kabuli_LG04	37706498	[T/G]	Ca_15110	DOWNSTREAM:1730bases	Cytochrome c oxidase subunit II C-terminal
Ca_Kabuli_SNP2336	Ca_Kabuli_LG04	35634751	[A/G]	Ca_22441	DOWNSTREAM:1400bases	Translation elongation factor EFG/EF2, C-terminal
Ca_Kabuli_SNP2337	Ca_Kabuli_LG04	38008082	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2338	Ca_Kabuli_LG04	44373020	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2339	Ca_Kabuli_LG04	38836356	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2340	Ca_Kabuli_LG04	44372998	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2341	Ca_Kabuli_LG04	38008227	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2342	Ca_Kabuli_LG04	37450326	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2343	Ca_Kabuli_LG04	38008567	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2344	Ca_Kabuli_LG04	2034304	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2345	Ca_Kabuli_LG04	11465057	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2346	Ca_Kabuli_LG04	2034266	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2347	Ca_Kabuli_LG04	15022270	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2348	Ca_Kabuli_LG04	44354390	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2349	Ca_Kabuli_LG04	37630445	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2350	Ca_Kabuli_LG04	30603949	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2351	Ca_Kabuli_LG04	30603951	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2352	Ca_Kabuli_LG04	16457966	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2353	Ca_Kabuli_LG04	8805867	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2354	Ca_Kabuli_LG04	48502714	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2355	Ca_Kabuli_LG04	48502718	[C/G]		INTERGENIC	
Ca_Kabuli_SNP2356	Ca_Kabuli_LG04	38370926	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2357	Ca_Kabuli_LG04	38370939	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2358	Ca_Kabuli_LG04	6514899	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2359	Ca_Kabuli_LG04	34798602	[A/G]		INTERGENIC	
Ca_Kabuli_SNP2360	Ca_Kabuli_LG04	5701888	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2361	Ca_Kabuli_LG04	7806626	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2362	Ca_Kabuli_LG04	11246173	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2363	Ca_Kabuli_LG04	26221325	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2364	Ca_Kabuli_LG04	26221326	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2365	Ca_Kabuli_LG04	26221327	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2366	Ca_Kabuli_LG04	28246738	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2367	Ca_Kabuli_LG04	44824103	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2368	Ca_Kabuli_LG04	45019778	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2369	Ca_Kabuli_LG04	45752844	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2370	Ca_Kabuli_LG04	45752869	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2371	Ca_Kabuli_LG04	11343257	[C/T]	Ca_04368	INTRON	Zinc finger, DHHC-type, palmitoyltransferase
Ca_Kabuli_SNP2372	Ca_Kabuli_LG04	1189966	[G/T]	Ca_07749	INTRON	Ribosomal protein L21e
Ca_Kabuli_SNP2373	Ca_Kabuli_LG04	2032481	[T/G]	Ca_07822	INTRON	RNA-processing protein, HAT helix
Ca_Kabuli_SNP2374	Ca_Kabuli_LG04	44814981	[T/C]	Ca_09146	INTRON	IQ motif, EF-hand binding site
Ca_Kabuli_SNP2375	Ca_Kabuli_LG04	48345608	[T/G]	Ca_10752	INTRON	IQ motif, EF-hand binding site
Ca_Kabuli_SNP2376	Ca_Kabuli_LG04	39033073	[G/C]	Ca_13078	INTRON	RNA recognition motif domain
Ca_Kabuli_SNP2377	Ca_Kabuli_LG04	38976835	[T/G]	Ca_13081	INTRON	Folylpolyglutamate synthetase
Ca_Kabuli_SNP2378	Ca_Kabuli_LG04	38721160	[A/G]	Ca_13098	INTRON	Exostosin-like
Ca_Kabuli_SNP2379	Ca_Kabuli_LG04	38474108	[T/C]	Ca_13112	INTRON	BRCT
Ca_Kabuli_SNP2380	Ca_Kabuli_LG04	38029358	[G/A]	Ca_13142	INTRON	Chaperonin TCP-1, conserved site
Ca_Kabuli_SNP2381	Ca_Kabuli_LG04	36975360	[G/A]	Ca_14796	INTRON	Helicase, C-terminal
Ca_Kabuli_SNP2382	Ca_Kabuli_LG04	36754377	[T/A]	Ca_14808	INTRON	Phosphofructokinase domain
Ca_Kabuli_SNP2383	Ca_Kabuli_LG04	37754128	[T/C]	Ca_15104	INTRON	NUDIX hydrolase domain
Ca_Kabuli_SNP2384	Ca_Kabuli_LG04	37754129	[G/T]	Ca_15104	INTRON	NUDIX hydrolase domain
Ca_Kabuli_SNP2385	Ca_Kabuli_LG04	37550161	[T/G]	Ca_15125	INTRON	Mediator complex subunit Med23



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2386	Ca_Kabuli_LG04	32853834	[T/C]	Ca_15495	INTRON	DNA topoisomerase I, C-terminal
Ca_Kabuli_SNP2387	Ca_Kabuli_LG04	35328336	[C/A]	Ca_20018	INTRON	IQ motif, EF-hand binding site
Ca_Kabuli_SNP2388	Ca_Kabuli_LG04	12175301	[T/A]	Ca_04442	NON_SYNONYMOUS_CODING	Transcription factor GRAS
Ca_Kabuli_SNP2389	Ca_Kabuli_LG04	12175302	[G/T]	Ca_04442	NON_SYNONYMOUS_CODING	Transcription factor GRAS
Ca_Kabuli_SNP2390	Ca_Kabuli_LG04	14699270	[T/C]	Ca_05634	NON_SYNONYMOUS_CODING	--
Ca_Kabuli_SNP2391	Ca_Kabuli_LG04	8668945	[C/T]	Ca_08361	NON_SYNONYMOUS_CODING	Disease resistance protein
Ca_Kabuli_SNP2392	Ca_Kabuli_LG04	8684185	[G/A]	Ca_08364	NON_SYNONYMOUS_CODING	Disease resistance protein
Ca_Kabuli_SNP2393	Ca_Kabuli_LG04	44590678	[G/A]	Ca_09131	NON_SYNONYMOUS_CODING	Protein phosphatase 2C, manganese/magnesium aspartate k
Ca_Kabuli_SNP2394	Ca_Kabuli_LG04	38888779	[T/C]	Ca_13087	NON_SYNONYMOUS_CODING	Protein kinase, catalytic domain
Ca_Kabuli_SNP2395	Ca_Kabuli_LG04	38756507	[T/C]	Ca_13097	NON_SYNONYMOUS_CODING	Auxin efflux carrier
Ca_Kabuli_SNP2396	Ca_Kabuli_LG04	37349162	[G/T]	Ca_15141	NON_SYNONYMOUS_CODING	Methyltransferase TRM13
Ca_Kabuli_SNP2397	Ca_Kabuli_LG04	37316738	[C/T]	Ca_15144	NON_SYNONYMOUS_CODING	Zinc finger, RING-type
Ca_Kabuli_SNP2398	Ca_Kabuli_LG04	46713939	[A/T]	Ca_19246	NON_SYNONYMOUS_CODING	PGAP1-like
Ca_Kabuli_SNP2399	Ca_Kabuli_LG04	46713941	[G/T]	Ca_19246	NON_SYNONYMOUS_CODING	PGAP1-like
Ca_Kabuli_SNP2400	Ca_Kabuli_LG04	46534847	[T/C]	Ca_19264	NON_SYNONYMOUS_CODING	WW/Rsp5/WWP
Ca_Kabuli_SNP2401	Ca_Kabuli_LG04	48936860	[G/C]	Ca_20762	NON_SYNONYMOUS_CODING	Pentatricopeptide repeat
Ca_Kabuli_SNP2402	Ca_Kabuli_LG04	38029208	[G/A]	Ca_13142	SPLICE_SITE_REGION	Chaperonin TCP-1, conserved site
Ca_Kabuli_SNP2403	Ca_Kabuli_LG04	6462847	[T/G]	Ca_03597	SYNONYMOUS_CODING	Peptidase A1
Ca_Kabuli_SNP2404	Ca_Kabuli_LG04	12568602	[C/T]	Ca_04479	SYNONYMOUS_CODING	Homoserine kinase
Ca_Kabuli_SNP2405	Ca_Kabuli_LG04	13839294	[G/A]	Ca_04608	SYNONYMOUS_CODING	Copper amine oxidase
Ca_Kabuli_SNP2406	Ca_Kabuli_LG04	2032449	[G/A]	Ca_07822	SYNONYMOUS_CODING	RNA-processing protein, HAT helix
Ca_Kabuli_SNP2407	Ca_Kabuli_LG04	8669515	[T/C]	Ca_08361	SYNONYMOUS_CODING	Disease resistance protein
Ca_Kabuli_SNP2408	Ca_Kabuli_LG04	8684184	[G/A]	Ca_08364	SYNONYMOUS_CODING	Disease resistance protein
Ca_Kabuli_SNP2409	Ca_Kabuli_LG04	41969261	[T/G]	Ca_10924	SYNONYMOUS_CODING	Endonuclease/exonuclease/phosphatase
Ca_Kabuli_SNP2410	Ca_Kabuli_LG04	38918394	[T/A]	Ca_13086	SYNONYMOUS_CODING	General substrate transporter
Ca_Kabuli_SNP2411	Ca_Kabuli_LG04	38918724	[C/A]	Ca_13086	SYNONYMOUS_CODING	General substrate transporter
Ca_Kabuli_SNP2412	Ca_Kabuli_LG04	38289066	[A/G]	Ca_13128	SYNONYMOUS_CODING	Protein of unknown function DUF869, plant
Ca_Kabuli_SNP2413	Ca_Kabuli_LG04	38153198	[T/G]	Ca_13138	SYNONYMOUS_CODING	Tetrahydrofolate dehydrogenase/cyclohydrolase
Ca_Kabuli_SNP2414	Ca_Kabuli_LG04	38153216	[C/T]	Ca_13138	SYNONYMOUS_CODING	Tetrahydrofolate dehydrogenase/cyclohydrolase
Ca_Kabuli_SNP2415	Ca_Kabuli_LG04	37349161	[T/C]	Ca_15141	SYNONYMOUS_CODING	Methyltransferase TRM13
Ca_Kabuli_SNP2416	Ca_Kabuli_LG05	31371626	[T/G]	Ca_04838	DOWNSTREAM:1376bases	Peptidase M14, carboxypeptidase A

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2417	Ca_Kabuli_LG05	29437171	[T/A]	Ca_16634	DOWNSTREAM:1034bases	Integrase, catalytic core
Ca_Kabuli_SNP2418	Ca_Kabuli_LG05	29437162	[C/A]	Ca_16634	DOWNSTREAM:1043bases	Integrase, catalytic core
Ca_Kabuli_SNP2419	Ca_Kabuli_LG05	29437139	[T/C]	Ca_16634	DOWNSTREAM:1066bases	Integrase, catalytic core
Ca_Kabuli_SNP2420	Ca_Kabuli_LG05	17043827	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2421	Ca_Kabuli_LG05	17043824	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2422	Ca_Kabuli_LG05	17043811	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2423	Ca_Kabuli_LG05	35126977	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2424	Ca_Kabuli_LG05	30811244	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2425	Ca_Kabuli_LG05	43790691	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2426	Ca_Kabuli_LG05	43790692	[C/G]		INTERGENIC	
Ca_Kabuli_SNP2427	Ca_Kabuli_LG05	43790693	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2428	Ca_Kabuli_LG05	41525957	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2429	Ca_Kabuli_LG05	41525961	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2430	Ca_Kabuli_LG05	438448	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2431	Ca_Kabuli_LG05	438445	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2432	Ca_Kabuli_LG05	2700479	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2433	Ca_Kabuli_LG05	7467769	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2434	Ca_Kabuli_LG05	7775497	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2435	Ca_Kabuli_LG05	17494725	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2436	Ca_Kabuli_LG05	37012135	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2437	Ca_Kabuli_LG05	37012147	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2438	Ca_Kabuli_LG05	37274583	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2439	Ca_Kabuli_LG05	43919009	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2440	Ca_Kabuli_LG05	43919017	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2441	Ca_Kabuli_LG05	43919022	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2442	Ca_Kabuli_LG05	37083276	[T/G]	Ca_01507	INTRON	GRAM
Ca_Kabuli_SNP2443	Ca_Kabuli_LG05	34244774	[T/C]	Ca_01824	INTRON	WD40 repeat
Ca_Kabuli_SNP2444	Ca_Kabuli_LG05	27181851	[T/C]	Ca_08922	INTRON	--
Ca_Kabuli_SNP2445	Ca_Kabuli_LG05	42004602	[A/G]	Ca_11412	INTRON	Rab-GAP/TBC domain
Ca_Kabuli_SNP2446	Ca_Kabuli_LG05	35773044	[A/G]	Ca_01648	NON_SYNONYMOUS_CODING	Peptidase M1, alanine aminopeptidase/leukotriene A4 hydrolase
Ca_Kabuli_SNP2447	Ca_Kabuli_LG05	30124077	[G/C]	Ca_04688	NON_SYNONYMOUS_CODING	Sugar/inositol transporter

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2448	Ca_Kabuli_LG05	41285170	[T/C]	Ca_07642	NON_SYNONYMOUS_CODING	Protein of unknown function DUF1296
Ca_Kabuli_SNP2449	Ca_Kabuli_LG05	25697491	[G/A]	Ca_09026	NON_SYNONYMOUS_CODING	Ribosomal protein S21
Ca_Kabuli_SNP2450	Ca_Kabuli_LG05	31314012	[A/C]	Ca_04834	SYNONYMOUS_CODING	Phox/Bem1p
Ca_Kabuli_SNP2451	Ca_Kabuli_LG05	39194838	[T/G]	Ca_07467	SYNONYMOUS_CODING	D111/G-patch
Ca_Kabuli_SNP2452	Ca_Kabuli_LG05	25697492	[A/C]	Ca_09026	SYNONYMOUS_CODING	Ribosomal protein S21
Ca_Kabuli_SNP2453	Ca_Kabuli_LG05	28757467	[T/A]	Ca_13354	SYNONYMOUS_CODING	Protein of unknown function DUF827, plant
Ca_Kabuli_SNP2454	Ca_Kabuli_LG05	28757507	[T/A]	Ca_13354	SYNONYMOUS_CODING	Protein of unknown function DUF827, plant
Ca_Kabuli_SNP2455	Ca_Kabuli_LG05	12590478	[C/T]	Ca_17072	SYNONYMOUS_CODING	Glycerophosphoryl diester phosphodiesterase
Ca_Kabuli_SNP2456	Ca_Kabuli_LG05	10004427	[G/T]	Ca_20512	SYNONYMOUS_CODING	Tetratricopeptide TPR-1
Ca_Kabuli_SNP2457	Ca_Kabuli_LG05	10004430	[T/G]	Ca_20512	SYNONYMOUS_CODING	Tetratricopeptide TPR-1
Ca_Kabuli_SNP2458	Ca_Kabuli_LG05	29007886	[A/C]	Ca_23834	SYNONYMOUS_CODING	Camphor resistance CrcB protein
Ca_Kabuli_SNP2459	Ca_Kabuli_LG06	49222291	[G/A]	Ca_20725	DOWNSTREAM:1924bases	Development/cell death domain
Ca_Kabuli_SNP2460	Ca_Kabuli_LG06	48255568	[G/A]	Ca_24604	DOWNSTREAM:167bases	DNA/RNA helicase, DEAD/DEAH box type, N-terminal
Ca_Kabuli_SNP2461	Ca_Kabuli_LG06	48255558	[C/T]	Ca_24604	DOWNSTREAM:177bases	DNA/RNA helicase, DEAD/DEAH box type, N-terminal
Ca_Kabuli_SNP2462	Ca_Kabuli_LG06	48255538	[G/A]	Ca_24604	DOWNSTREAM:197bases	DNA/RNA helicase, DEAD/DEAH box type, N-terminal
Ca_Kabuli_SNP2463	Ca_Kabuli_LG06	19433512	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2464	Ca_Kabuli_LG06	19433513	[A/G]		INTERGENIC	
Ca_Kabuli_SNP2465	Ca_Kabuli_LG06	19433514	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2466	Ca_Kabuli_LG06	19433517	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2467	Ca_Kabuli_LG06	46734675	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2468	Ca_Kabuli_LG06	27383744	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2469	Ca_Kabuli_LG06	7929338	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2470	Ca_Kabuli_LG06	7929348	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2471	Ca_Kabuli_LG06	7929628	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2472	Ca_Kabuli_LG06	10785458	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2473	Ca_Kabuli_LG06	10785480	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2474	Ca_Kabuli_LG06	23478807	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2475	Ca_Kabuli_LG06	23478808	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2476	Ca_Kabuli_LG06	23478809	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2477	Ca_Kabuli_LG06	3394908	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2478	Ca_Kabuli_LG06	3394876	[G/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2479	Ca_Kabuli_LG06	7661930	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2480	Ca_Kabuli_LG06	5497981	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2481	Ca_Kabuli_LG06	5497982	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2482	Ca_Kabuli_LG06	5497984	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2483	Ca_Kabuli_LG06	21322875	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2484	Ca_Kabuli_LG06	21322854	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2485	Ca_Kabuli_LG06	21322836	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2486	Ca_Kabuli_LG06	24498913	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2487	Ca_Kabuli_LG06	24498915	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2488	Ca_Kabuli_LG06	24498923	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2489	Ca_Kabuli_LG06	7694597	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2490	Ca_Kabuli_LG06	7694599	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2491	Ca_Kabuli_LG06	12810877	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2492	Ca_Kabuli_LG06	24235675	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2493	Ca_Kabuli_LG06	31324962	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2494	Ca_Kabuli_LG06	31324976	[A/G]		INTERGENIC	
Ca_Kabuli_SNP2495	Ca_Kabuli_LG06	38514168	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2496	Ca_Kabuli_LG06	15123030	[T/A]	Ca_05293	INTRON	Dynamin central domain
Ca_Kabuli_SNP2497	Ca_Kabuli_LG06	10234387	[G/C]	Ca_08566	INTRON	Metallo-dependent phosphatase
Ca_Kabuli_SNP2498	Ca_Kabuli_LG06	10234389	[T/A]	Ca_08566	INTRON	Metallo-dependent phosphatase
Ca_Kabuli_SNP2499	Ca_Kabuli_LG06	10234390	[C/A]	Ca_08566	INTRON	Metallo-dependent phosphatase
Ca_Kabuli_SNP2500	Ca_Kabuli_LG06	23776650	[G/C]	Ca_11079	INTRON	Tetratricopeptide repeat-containing
Ca_Kabuli_SNP2501	Ca_Kabuli_LG06	23776668	[C/T]	Ca_11079	INTRON	Tetratricopeptide repeat-containing
Ca_Kabuli_SNP2502	Ca_Kabuli_LG06	27091881	[C/A]	Ca_14634	INTRON	NOT2/NOT3/NOT5
Ca_Kabuli_SNP2503	Ca_Kabuli_LG06	27091883	[G/A]	Ca_14634	INTRON	NOT2/NOT3/NOT5
Ca_Kabuli_SNP2504	Ca_Kabuli_LG06	32035934	[G/A]	Ca_15208	INTRON	MD-2-related lipid-recognition
Ca_Kabuli_SNP2505	Ca_Kabuli_LG06	7832029	[C/T]	Ca_09595	NON_SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
Ca_Kabuli_SNP2506	Ca_Kabuli_LG06	27331816	[T/G]	Ca_14617	NON_SYNONYMOUS_CODING	RNA recognition motif domain
Ca_Kabuli_SNP2507	Ca_Kabuli_LG06	27331818	[A/T]	Ca_14617	NON_SYNONYMOUS_CODING	RNA recognition motif domain
Ca_Kabuli_SNP2508	Ca_Kabuli_LG06	27331820	[G/T]	Ca_14617	NON_SYNONYMOUS_CODING	RNA recognition motif domain
Ca_Kabuli_SNP2509	Ca_Kabuli_LG06	59367117	[G/A]	Ca_18844	NON_SYNONYMOUS_CODING	Pyrophosphate-energised proton pump

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2510	Ca_Kabuli_LG06	59367118	[G/T]	Ca_18844	NON_SYNONYMOUS_CODING	Pyrophosphate-energised proton pump
Ca_Kabuli_SNP2511	Ca_Kabuli_LG06	9834199	[T/C]	Ca_08608	SYNONYMOUS_CODING	WD40 repeat
Ca_Kabuli_SNP2512	Ca_Kabuli_LG06	7831874	[G/A]	Ca_09595	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
Ca_Kabuli_SNP2513	Ca_Kabuli_LG06	7834895	[T/G]	Ca_09595	SYNONYMOUS_CODING	C2 calcium-dependent membrane targeting
Ca_Kabuli_SNP2514	Ca_Kabuli_LG06	50378388	[G/T]	Ca_13465	SYNONYMOUS_CODING	ABC transporter-like
Ca_Kabuli_SNP2515	Ca_Kabuli_LG06	50378389	[A/T]	Ca_13465	SYNONYMOUS_CODING	ABC transporter-like
Ca_Kabuli_SNP2516	Ca_Kabuli_LG06	59367116	[T/G]	Ca_18844	SYNONYMOUS_CODING	Pyrophosphate-energised proton pump
Ca_Kabuli_SNP2517	Ca_Kabuli_LG07	22987838	[A/G]	Ca_19519	DOWNSTREAM:589bases	Glycosyl-phosphatidyl inositol-anchored, plant
Ca_Kabuli_SNP2518	Ca_Kabuli_LG07	22987819	[A/G]	Ca_19519	DOWNSTREAM:608bases	Glycosyl-phosphatidyl inositol-anchored, plant
Ca_Kabuli_SNP2519	Ca_Kabuli_LG07	21744514	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2520	Ca_Kabuli_LG07	7737689	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2521	Ca_Kabuli_LG07	34875605	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2522	Ca_Kabuli_LG07	8835757	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2523	Ca_Kabuli_LG07	17662183	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2524	Ca_Kabuli_LG07	17662190	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2525	Ca_Kabuli_LG07	26226146	[C/G]		INTERGENIC	
Ca_Kabuli_SNP2526	Ca_Kabuli_LG07	27070630	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2527	Ca_Kabuli_LG07	27210871	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2528	Ca_Kabuli_LG07	29313273	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2529	Ca_Kabuli_LG07	32406153	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2530	Ca_Kabuli_LG07	32406154	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2531	Ca_Kabuli_LG07	32406155	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2532	Ca_Kabuli_LG07	47335940	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2533	Ca_Kabuli_LG07	2554391	[C/G]	Ca_03223	INTRON	Peptidase S8/S53, subtilisin/kexin/sedolisin
Ca_Kabuli_SNP2534	Ca_Kabuli_LG07	2554392	[T/A]	Ca_03223	INTRON	Peptidase S8/S53, subtilisin/kexin/sedolisin
Ca_Kabuli_SNP2535	Ca_Kabuli_LG07	2554393	[G/T]	Ca_03223	INTRON	Peptidase S8/S53, subtilisin/kexin/sedolisin
Ca_Kabuli_SNP2536	Ca_Kabuli_LG07	15887951	[T/G]	Ca_09885	INTRON	Ribonuclease II/R
Ca_Kabuli_SNP2537	Ca_Kabuli_LG07	15887954	[T/G]	Ca_09885	INTRON	Ribonuclease II/R
Ca_Kabuli_SNP2538	Ca_Kabuli_LG07	15013577	[G/A]	Ca_09953	INTRON	RNA helicase, ATP-dependent, DEAD-box, conserved site
Ca_Kabuli_SNP2539	Ca_Kabuli_LG07	38143361	[G/A]	Ca_16396	INTRON	RNA recognition motif domain
Ca_Kabuli_SNP2540	Ca_Kabuli_LG07	38143524	[T/A]	Ca_16396	INTRON	RNA recognition motif domain

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2541	Ca_Kabuli_LG07	7983631	[T/G]	Ca_13220	NON_SYNONYMOUS_CODING	ABC transporter, transmembrane domain
Ca_Kabuli_SNP2542	Ca_Kabuli_LG07	7983632	[T/A]	Ca_13220	NON_SYNONYMOUS_CODING	ABC transporter, transmembrane domain
Ca_Kabuli_SNP2543	Ca_Kabuli_LG07	8937338	[G/A]	Ca_15321	NON_SYNONYMOUS_CODING	WW domain binding protein 12
Ca_Kabuli_SNP2544	Ca_Kabuli_LG07	8937339	[G/T]	Ca_15321	NON_SYNONYMOUS_CODING	WW domain binding protein 13
Ca_Kabuli_SNP2545	Ca_Kabuli_LG07	8937341	[G/T]	Ca_15321	NON_SYNONYMOUS_CODING	WW domain binding protein 14
Ca_Kabuli_SNP2546	Ca_Kabuli_LG07	26694546	[T/A]	Ca_16250	NON_SYNONYMOUS_CODING	--
Ca_Kabuli_SNP2547	Ca_Kabuli_LG07	39214270	[G/A]	Ca_19581	NON_SYNONYMOUS_CODING	BEACH domain
Ca_Kabuli_SNP2548	Ca_Kabuli_LG07	18462653	[C/G]	Ca_22127	NON_SYNONYMOUS_CODING	Pectinesterase, catalytic
Ca_Kabuli_SNP2549	Ca_Kabuli_LG07	18462654	[T/A]	Ca_22127	NON_SYNONYMOUS_CODING	Pectinesterase, catalytic
Ca_Kabuli_SNP2550	Ca_Kabuli_LG07	5577311	[C/T]	Ca_06805	SYNONYMOUS_CODING	F-box domain, cyclin-like
Ca_Kabuli_SNP2551	Ca_Kabuli_LG07	30114688	[G/C]	Ca_11716	SYNONYMOUS_CODING	Protein kinase, catalytic domain
Ca_Kabuli_SNP2552	Ca_Kabuli_LG07	36998096	[T/C]	Ca_13784	SYNONYMOUS_CODING	Peptidase C48, SUMO/Sentrin/Ubl1
Ca_Kabuli_SNP2553	Ca_Kabuli_LG07	8937340	[T/C]	Ca_15321	SYNONYMOUS_CODING	WW domain binding protein 15
Ca_Kabuli_SNP2554	Ca_Kabuli_LG07	13580932	[G/C]	Ca_16043	SYNONYMOUS_CODING	Transcription factor GRAS
Ca_Kabuli_SNP2555	Ca_Kabuli_LG07	13580933	[A/T]	Ca_16043	SYNONYMOUS_CODING	Transcription factor GRAS
Ca_Kabuli_SNP2556	Ca_Kabuli_LG07	13580934	[T/G]	Ca_16043	SYNONYMOUS_CODING	Transcription factor GRAS
Ca_Kabuli_SNP2557	Ca_Kabuli_LG07	35181661	[C/T]	Ca_17639	SYNONYMOUS_CODING	Helix-loop-helix DNA-binding domain
Ca_Kabuli_SNP2558	Ca_Kabuli_LG07	39214269	[T/G]	Ca_19581	SYNONYMOUS_CODING	BEACH domain
Ca_Kabuli_SNP2559	Ca_Kabuli_LG07	39214272	[T/C]	Ca_19581	SYNONYMOUS_CODING	BEACH domain
Ca_Kabuli_SNP2560	Ca_Kabuli_LG07	44232221	[T/C]	Ca_21369	SYNONYMOUS_CODING	Protein kinase, catalytic domain
Ca_Kabuli_SNP2561	Ca_Kabuli_LG07	44232225	[T/C]	Ca_21369	SYNONYMOUS_CODING	Protein kinase, catalytic domain
Ca_Kabuli_SNP2562	Ca_Kabuli_LG08	4895123	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2563	Ca_Kabuli_LG08	4807106	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2564	Ca_Kabuli_LG08	1742958	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2565	Ca_Kabuli_LG08	1742959	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2566	Ca_Kabuli_LG08	1742960	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2567	Ca_Kabuli_LG08	7776897	[A/T]	Ca_10607	INTRON	Kinesin, motor domain
Ca_Kabuli_SNP2568	Ca_Kabuli_LG08	1475874	[G/T]	Ca_15024	NON_SYNONYMOUS_CODING	WD40 repeat
Ca_Kabuli_SNP2569	Ca_Kabuli_LG08	1475872	[G/T]	Ca_15024	STOP_GAINED	WD40 repeat
Ca_Kabuli_SNP2570	Ca_Kabuli_LG08	3269088	[A/C]	Ca_02251	SYNONYMOUS_CODING	Homeobox
Ca_Kabuli_SNP2571	Ca_Kabuli_LG08	7775908	[G/T]	Ca_10607	SYNONYMOUS_CODING	Kinesin, motor domain

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2572	Ca_Kabuli_LG08	11243256	[A/C]	Ca_16834	SYNONYMOUS_CODING	Histone H1/H5
Ca_Kabuli_SNP2573	scaffold1001	76627	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2574	scaffold1023	74436	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2575	scaffold1027	3758	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2576	scaffold1027	3764	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2577	scaffold1027	3800	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2578	scaffold1039	322315	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2579	scaffold1068	197790	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2580	scaffold1068	197819	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2581	scaffold1082	20734	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2582	scaffold112	280023	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2583	scaffold1207	29483	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2584	scaffold1207	29511	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2585	scaffold121	96363	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2586	scaffold121	96394	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2587	scaffold121	96444	[A/G]		INTERGENIC	
Ca_Kabuli_SNP2588	scaffold121	96456	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2589	scaffold121	96532	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2590	scaffold121	96580	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2591	scaffold121	96589	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2592	scaffold1223	133488	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2593	scaffold1245	625365	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2594	scaffold1263	164730	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2595	scaffold1305	10563	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2596	scaffold1420	328817	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2597	scaffold1420	328823	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2598	scaffold1420	328828	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2599	scaffold1461	71581	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2600	scaffold1461	71582	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2601	scaffold1622	5538	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2602	scaffold1622	5562	[C/T]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2603	scaffold1622	5570	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2604	scaffold165	3151	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2605	scaffold168	208793	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2606	scaffold168	208958	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2607	scaffold168	208981	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2608	scaffold17	95	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2609	scaffold17	134	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2610	scaffold17	140	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2611	scaffold170	72491	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2612	scaffold1714	3923	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2613	scaffold184	150181	[A/G]		INTERGENIC	
Ca_Kabuli_SNP2614	scaffold1997	82319	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2615	scaffold1997	82342	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2616	scaffold1997	82369	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2617	scaffold1997	82397	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2618	scaffold1997	101490	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2619	scaffold1997	106920	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2620	scaffold1997	106974	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2621	scaffold1997	107488	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2622	scaffold2119	253	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2623	scaffold2119	272	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2624	scaffold2139	33632	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2625	scaffold2139	33655	[A/G]		INTERGENIC	
Ca_Kabuli_SNP2626	scaffold214	136096	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2627	scaffold240	132896	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2628	scaffold243	227608	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2629	scaffold256	299010	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2630	scaffold269	43300	[C/G]		INTERGENIC	
Ca_Kabuli_SNP2631	scaffold269	43301	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2632	scaffold269	43302	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2633	scaffold271	81750	[G/A]		INTERGENIC	



SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2634	scaffold271	81751	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2635	scaffold271	81753	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2636	scaffold2871	17198	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2637	scaffold2881	1196	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2638	scaffold2881	1201	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2639	scaffold2881	1206	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2640	scaffold2881	1208	[A/G]		INTERGENIC	
Ca_Kabuli_SNP2641	scaffold2881	3751	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2642	scaffold2881	3752	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2643	scaffold2881	3754	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2644	scaffold2881	3807	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2645	scaffold2881	3808	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2646	scaffold2881	3809	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2647	scaffold2881	3810	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2648	scaffold29	413719	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2649	scaffold31	1053261	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2650	scaffold327	111894	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2651	scaffold3490	6693	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2652	scaffold3490	6736	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2653	scaffold359	147568	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2654	scaffold362	17488	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2655	scaffold382	110753	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2656	scaffold382	110765	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2657	scaffold402	300966	[A/T]		INTERGENIC	
Ca_Kabuli_SNP2658	scaffold443	183054	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2659	scaffold470	78842	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2660	scaffold470	78883	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2661	scaffold493	370639	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2662	scaffold5127	9563	[A/G]		INTERGENIC	
Ca_Kabuli_SNP2663	scaffold5557	21590	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2664	scaffold559	34684	[G/A]		INTERGENIC	

SNP IDs	Chromosomes	Physical positions (bp)	SNPs	Gene accession IDs	Sequence components of genome/genes	Putative functions
Ca_Kabuli_SNP2665	scaffold57	257376	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2666	scaffold6371	410	[A/C]		INTERGENIC	
Ca_Kabuli_SNP2667	scaffold68	586256	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2668	scaffold7068	2169	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2669	scaffold7112	1684	[G/C]		INTERGENIC	
Ca_Kabuli_SNP2670	scaffold7116	965	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2671	scaffold7116	966	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2672	scaffold731	303408	[A/G]		INTERGENIC	
Ca_Kabuli_SNP2673	scaffold731	303409	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2674	scaffold731	303410	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2675	scaffold744	63662	[T/G]		INTERGENIC	
Ca_Kabuli_SNP2676	scaffold744	63703	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2677	scaffold808	128537	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2678	scaffold847	86949	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2679	scaffold894	62775	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2680	scaffold894	62778	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2681	scaffold898	618	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2682	scaffold898	623	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2683	scaffold9	47761	[G/T]		INTERGENIC	
Ca_Kabuli_SNP2684	scaffold901	409760	[C/A]		INTERGENIC	
Ca_Kabuli_SNP2685	scaffold901	409762	[T/A]		INTERGENIC	
Ca_Kabuli_SNP2686	scaffold901	409763	[C/T]		INTERGENIC	
Ca_Kabuli_SNP2687	scaffold932	7306	[G/A]		INTERGENIC	
Ca_Kabuli_SNP2688	scaffold932	138407	[T/C]		INTERGENIC	
Ca_Kabuli_SNP2689	scaffold948	1263457	[C/A]		INTERGENIC	

**#2177 SNPs mapped on eight LGs of *kabuli* intra-specific genetic map**

**Table S7: A seed weight-specific association panel (244 accessions) constituted previously by Kujur *et al.* (2014) have been utilized for QTL region-specific haplotype (LD)-based high-resolution trait association mapping in chickpea**

Sl. No.	Genotypes with Accession No.	Cultivar types	Geographical origin	Inferred population ancestry
1	ICC3421	<i>Kabuli</i>	Israel	<i>Kabuli</i> (Population Group I)
2	ICC9402	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
3	ICC13764	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
4	ICC12037	<i>Kabuli</i>	Mexico	<i>Kabuli</i> (Population Group I)
5	ICC12492	<i>Kabuli</i>	India	<i>Kabuli</i> (Population Group I)
6	ICC13441	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
7	ICC8855	<i>Kabuli</i>	Afghanistan	<i>Kabuli</i> (Population Group I)
8	ICC9862	<i>Kabuli</i>	Afghanistan	<i>Kabuli</i> (Population Group I)
9	ICC13461	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
10	ICC13628	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
11	ICC13523	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
12	ICC13187	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
13	ICC15802	<i>Kabuli</i>	Syrian Arab Republic	<i>Kabuli</i> (Population Group I)
14	ICC13077	<i>Kabuli</i>	India	<i>Kabuli</i> (Population Group I)
15	ICC5337	<i>Kabuli</i>	India	<i>Kabuli</i> (Population Group I)
16	ICC4841	<i>Kabuli</i>	Morocco	<i>Kabuli</i> (Population Group I)
17	ICC7571	<i>Kabuli</i>	Israel	<i>Kabuli</i> (Population Group I)
18	ICC15264	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
19	ICC7308	<i>Kabuli</i>	Peru	<i>Kabuli</i> (Population Group I)
20	ICC2277	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
21	ICC6263	<i>Kabuli</i>	Union of Soviet Socialist Republics	<i>Kabuli</i> (Population Group I)
22	ICC8740	<i>Kabuli</i>	Afghanistan	<i>Kabuli</i> (Population Group I)
23	ICC13357	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
24	ICC7255	<i>Kabuli</i>	India	<i>Kabuli</i> (Population Group I)
25	ICC7272	<i>Kabuli</i>	Algeria	<i>Kabuli</i> (Population Group I)
26	ICC15435	<i>Kabuli</i>	Morocco	<i>Kabuli</i> (Population Group I)
27	ICC11764	<i>Kabuli</i>	Chile	<i>Kabuli</i> (Population Group I)
28	ICC15697	<i>Kabuli</i>	Syria	<i>Kabuli</i> (Population Group I)
29	ICC13816	<i>Kabuli</i>	Union of Soviet Socialist Republics	<i>Kabuli</i> (Population Group I)
30	ICC7668	<i>Kabuli</i>	Union of Soviet Socialist Republics	<i>Kabuli</i> (Population Group I)
31	ICC13283	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
32	ICC7295	<i>Kabuli</i>	Tunisia	<i>Kabuli</i> (Population Group I)
33	ICC12328	<i>Kabuli</i>	Cyprus	<i>Kabuli</i> (Population Group I)
34	ICC7315	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
35	ICC11879	<i>Kabuli</i>	Turkey	<i>Kabuli</i> (Population Group I)
36	ICC14446	<i>Kabuli</i>	Italy	<i>Kabuli</i> (Population Group I)
37	ICC10755	<i>Kabuli</i>	Turkey	<i>Kabuli</i> (Population Group I)
38	ICC14190	<i>Kabuli</i>	India	<i>Kabuli</i> (Population Group I)
39	ICC15333	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
40	ICC8042	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)

Sl. No.	Genotypes with Accession No.	Cultivar types	Geographical origin	Inferred population ancestry
41	ICC8261	<i>Kabuli</i>	Turkey	<i>Kabuli</i> (Population Group I)
42	ICC10885	<i>Kabuli</i>	Ethiopia	<i>Kabuli</i> (Population Group I)
43	ICC8058	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
44	ICC15512	<i>Kabuli</i>	Morocco	<i>Kabuli</i> (Population Group I)
45	ICC9137	<i>Kabuli</i>	Iran	<i>Kabuli</i> (Population Group I)
46	ICC15406	<i>Kabuli</i>	Morocco	<i>Kabuli</i> (Population Group I)
47	ICC10884	<i>Kabuli</i>	Ethiopia	<i>Kabuli</i> (Population Group I)
48	ICC15551	<i>Kabuli</i>	Australia	<i>Kabuli</i> (Population Group I)
49	ICC15725	<i>Kabuli</i>	Syrian Arab Republic	<i>Kabuli</i> (Population Group I)
50	ICC6204	<i>Kabuli</i>	Spain	<i>Kabuli</i> (Population Group I)
51	ICC6210	<i>Kabuli</i>	Spain	<i>Kabuli</i> (Population Group I)
52	ICC11847	<i>Kabuli</i>	Chile	<i>Kabuli</i> (Population Group I)
53	ICC7654	<i>Kabuli</i>	Turkey	<i>Kabuli</i> (Population Group I)
54	ICC11749	<i>Kabuli</i>	Chile	<i>Kabuli</i> (Population Group I)
55	ICC14199	<i>Kabuli</i>	Mexico	<i>Kabuli</i> (Population Group I)
56	ICC15518	<i>Kabuli</i>	Morocco	<i>Kabuli</i> (Population Group I)
57	ICC16814	<i>Kabuli</i>	Portugal	<i>Kabuli</i> (Population Group I)
58	ICC16796	<i>Kabuli</i>	Portugal	<i>Kabuli</i> (Population Group I)
59	ICC16811	<i>Kabuli</i>	India	<i>Kabuli</i> (Population Group I)
60	ICC6253	<i>Kabuli</i>	Morocco	<i>Kabuli</i> (Population Group I)
61	ICC11301	<i>Kabuli</i>	USA	<i>Kabuli</i> (Population Group I)
62	ICC10749	<i>Kabuli</i>	Turkey	<i>Kabuli</i> (Population Group I)
63	ICC14216	<i>Kabuli</i>	Mexico	<i>Kabuli</i> (Population Group I)
64	ICC14203	<i>Kabuli</i>	Mexico	<i>Kabuli</i> (Population Group I)
65	ICC11742	<i>Kabuli</i>	Chile	<i>Kabuli</i> (Population Group I)
66	ICC13821	<i>Kabuli</i>	Ethiopia	<i>Kabuli</i> (Population Group I)
67	ICC14462	<i>Kabuli</i>	USA	<i>Kabuli</i> (Population Group I)
68	ICC14220	<i>Kabuli</i>	Kenya	<i>Kabuli</i> (Population Group I)
69	ICC15944	<i>Kabuli</i>	USA	<i>Kabuli</i> (Population Group I)
70	ICC11303	<i>Kabuli</i>	Chile	<i>Kabuli</i> (Population Group I)
71	ICC12034	<i>Kabuli</i>	Mexico	<i>Kabuli</i> (Population Group I)
72	ICC7346	<i>Kabuli</i>	Mexico	<i>Kabuli</i> (Population Group I)
73	ICC15994	<i>Kabuli</i>	Spain	<i>Kabuli</i> (Population Group I)
74	ICC18591	<i>Kabuli</i>	Mexico	<i>Kabuli</i> (Population Group I)
75	ICC8155	<i>Kabuli</i>	USA	<i>Kabuli</i> (Population Group I)
76	ICC8151	<i>Kabuli</i>	USA	<i>Kabuli</i> (Population Group I)
77	ICC20268	<i>Kabuli</i>	India	<i>Kabuli</i> (Population Group I)
78	ICCX-810800	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
79	ICC5590	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
80	ICC6013	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
81	ICC5002	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
82	ICC3362	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
83	ICC7184	<i>Desi</i>	Turkey	<i>Desi</i> (Population Group II)
84	ICC3946	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)

Sl. No.	Genotypes with Accession No.	Cultivar types	Geographical origin	Inferred population ancestry
85	ICC4926	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
86	ICC12299	<i>Desi</i>	Nepal	<i>Desi</i> (Population Group II)
87	ICC4657	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
88	ICC12824	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
89	ICC1052	<i>Desi</i>	Pakistan	<i>Desi</i> (Population Group II)
90	ICC3761	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
91	ICC5878	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
92	ICC456	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
93	ICC5135	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
94	ICC16207	<i>Desi</i>	Myanmar	<i>Desi</i> (Population Group II)
95	ICC12537	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
96	ICC12654	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
97	ICC12726	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
98	ICC11944	<i>Desi</i>	Nepal	<i>Desi</i> (Population Group II)
99	ICC12866	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
100	ICC4814	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
101	ICC6293	<i>Desi</i>	Italy	<i>Desi</i> (Population Group II)
102	ICC3776	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
103	ICC4418	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
104	ICC4463	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
105	ICC12916	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
106	ICC11627	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
107	ICC8607	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
108	ICC11498	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
109	ICC12928	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
110	ICC12947	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
111	ICC4182	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
112	ICC5845	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
113	ICC9942	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
114	ICC16261	<i>Desi</i>	Malawi	<i>Desi</i> (Population Group II)
115	ICC2629	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
116	ICC6571	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
117	ICC762	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
118	ICC3218	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
119	ICC3325	<i>Desi</i>	Cyprus	<i>Desi</i> (Population Group II)
120	ICC11584	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
121	ICC1392	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
122	ICC3631	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
123	ICC14402	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
124	ICC2242	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
125	ICC11664	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
126	ICC15868	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
127	ICC1710	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
128	ICC791	<i>Desi</i>	India	<i>Desi</i> (Population Group II)

Sl. No.	Genotypes with Accession No.	Cultivar types	Geographical origin	Inferred population ancestry
129	ICC2072	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
130	ICC13524	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
131	ICC2507	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
132	ICC440	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
133	ICC2065	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
134	ICC9586	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
135	ICC13863	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
136	ICC14077	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
137	ICC16487	<i>Desi</i>	Pakistan	<i>Desi</i> (Population Group II)
138	ICC1161	<i>Desi</i>	Pakistan	<i>Desi</i> (Population Group II)
139	ICC6537	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
140	ICC9737	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
141	ICC2263	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
142	ICC6874	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
143	ICC10945	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
144	ICC13892	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
145	ICC15618	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
146	ICC9002	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
147	ICC16269	<i>Desi</i>	Malawi	<i>Desi</i> (Population Group II)
148	ICC2210	<i>Desi</i>	Algeria	<i>Desi</i> (Population Group II)
149	ICC14051	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
150	ICC6811	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
151	ICC9643	<i>Desi</i>	Afghanistan	<i>Desi</i> (Population Group II)
152	ICC12307	<i>Desi</i>	Myanmar	<i>Desi</i> (Population Group II)
153	ICC14778	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
154	ICC8195	<i>Desi</i>	Pakistan	<i>Desi</i> (Population Group II)
155	ICC1715	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
156	ICC4495	<i>Desi</i>	Turkey	<i>Desi</i> (Population Group II)
157	ICC11378	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
158	ICC1431	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
159	ICC7441	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
160	ICC12155	<i>Desi</i>	Bangladesh	<i>Desi</i> (Population Group II)
161	ICC2884	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
162	ICC15606	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
163	ICC8950	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
164	ICC12851	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
165	ICC6816	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
166	ICC10393	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
167	ICC11198	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
168	ICC6579	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
169	ICC67	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
170	ICC1923	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
171	ICC2720	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
172	ICC4567	<i>Desi</i>	India	<i>Desi</i> (Population Group II)

Sl. No.	Genotypes with Accession No.	Cultivar types	Geographical origin	Inferred population ancestry
173	ICC637	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
174	ICC1882	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
175	ICC5639	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
176	ICC8384	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
177	ICC95	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
178	ICC1098	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
179	ICC708	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
180	ICC14098	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
181	ICC1083	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
182	ICC1164	<i>Desi</i>	Nigeria	<i>Desi</i> (Population Group II)
183	ICC1205	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
184	ICC14831	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
185	ICC5434	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
186	ICC10399	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
187	ICC4593	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
188	ICC11121	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
189	ICC15612	<i>Desi</i>	Tanzania	<i>Desi</i> (Population Group II)
190	ICC3230	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
191	ICC867	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
192	ICC16915	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
193	ICC6802	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
194	ICC14815	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
195	ICC1356	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
196	ICC13219	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
197	ICC1422	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
198	ICC5613	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
199	ICC14799	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
200	ICC2969	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
201	ICC1194	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
202	ICC15567	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
203	ICC506	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
204	ICC11284	<i>Desi</i>	Union of Soviet Socialist Republics	<i>Desi</i> (Population Group II)
205	ICC4639	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
206	ICC8621	<i>Desi</i>	Ethiopia	<i>Desi</i> (Population Group II)
207	ICC2580	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
208	ICC283	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
209	ICC1180	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
210	ICC9755	<i>Desi</i>	Afghanistan	<i>Desi</i> (Population Group II)
211	ICC1397	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
212	ICC14669	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
213	ICC3512	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
214	ICC1510	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
215	ICC2990	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
216	ICC7323	<i>Desi</i>	Unknown	<i>Desi</i> (Population Group II)

<b>Sl. No.</b>	<b>Genotypes with Accession No.</b>	<b>Cultivar types</b>	<b>Geographical origin</b>	<b>Inferred population ancestry</b>
217	ICC4533	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
218	ICC16903	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
219	ICC7867	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
220	ICC8522	<i>Desi</i>	Italy	<i>Desi</i> (Population Group II)
221	ICC16374	<i>Desi</i>	Malawi	<i>Desi</i> (Population Group II)
222	ICC12028	<i>Desi</i>	Mexico	<i>Desi</i> (Population Group II)
223	ICC1230	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
224	ICC8318	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
225	ICC2919	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
226	ICC5504	<i>Desi</i>	Mexico	<i>Desi</i> (Population Group II)
227	ICC5383	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
228	ICC15610	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
229	ICC1398	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
230	ICC14595	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
231	ICC13599	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
232	ICC15510	<i>Desi</i>	Morocco	<i>Desi</i> (Population Group II)
233	ICC7554	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
234	ICC15294	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
235	ICC4918	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
236	ICC7819	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
237	ICC1915	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
238	ICC6279	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
239	ICC6306	<i>Desi</i>	Union of Soviet Socialist Republics	<i>Desi</i> (Population Group II)
240	ICC16524	<i>Desi</i>	Pakistan	<i>Desi</i> (Population Group II)
241	ICC6877	<i>Desi</i>	Iran	<i>Desi</i> (Population Group II)
242	ICC1836	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
243	ICC15061	<i>Desi</i>	India	<i>Desi</i> (Population Group II)
244	ICC13124	<i>Desi</i>	India	<i>Desi</i> (Population Group II)