Table S1 47 SNPs selected in CTLA4 gene region from the NCBI dbSNP and quality control filters

SNP	Description	Allele
rs35832561[1]	5' near gene	G
rs11571315	5' near gene	**A/G**
rs4553808	5' near gene	**A/G, -1661**
rs11571316	5' near gene	**C/T**
rs231772[1]	5' near gene	G
rs231773[1]	5' near gene	A
rs11571317[1]	5' near gene	C
rs2317741[1]	5' near gene	A
rs5742909[3]	5' near gene	C/T, -318
rs231775	exon_1	**A/G, +49G>A**
rs231776[1]	intron_1	G
rs231777	intron_1	**C/T**
rs231778[1]	intron_1	A
rs35219727	intron_1	**A/G**
rs231779	intron_1	**C/T**
rs35703452[1]	intron_1	DEL
rs1065442[1]	exon_2	T
rs41265959[1]	intron_2	T
rs41265961[2]	intron_2	G/A
rs231780[1]	intron_2	A
rs11571324[1]	intron_2	G
rs34162447[3]	exon_3	A/G
rs13384548[1]	exon_3	G
rs35411154[1]	exon_3	G
rs231721[1]	3' near gene	T
rs3087243[3]	3' near gene	A/G, CT60
rs231722[1]	3' near gene	T
rs231723	3' near gene	**A/G**
rs35902238[1]	3' near gene	DEL
rs10197010	3' near gene	**A/C**
rs3087245[2]	3' near gene	C/T
rs231725	3' near gene	**A/G**
rs34227960[1]	3' near gene	DEL
rs231726[3]	3' near gene	**C/T**
rs10932024[1]	3' near gene	T
rs3087246[3]	3' near gene	C/T
rs231727[3]	3' near gene	A/G
rs11571302	3' near gene	**C/A, JO31**
rs35541017[1]	3' near gene	DEL
rs35720565[1]	3' near gene	C
rs7565213[2]	3' near gene	A/G, JO30
rs231729	3' near gene	**A/T**
rs231730	3' near gene	**T/A**
rs5837885[1]	3' near gene	DEL
rs231731	3' near gene	**C/T**
rs10932025	3' near gene	**G/C**
rs11571297[3]	3' near gene	A/G, JO27

Note: [1,2,3] showed the SNPs loci were removed from the analysis respectively because of MAF <1%, missing data above 20% and Hardy-Weinberg Equilibrium (HWE) $p \leq 1 \times 10^{-6}$ in controls.