References allele	T	G	C	T	C	C	A				
Alternative allele	C	A	T	G	G	A	G				
Allele Frequency	0.152	0.145	0.216	0.213	0.224	0.131	0.208				
SNP annotation	intergenic :: Si9g49980; Si9g49990 :: dist=12645 ;dist=1346	upstream :: Si9g49990	exonic :: Si9g49990 :: stopgain :: Si9g49990:Si9g49990.1:exon1:c.C37T:p.Q13X;Si9g49990:Si9g49990.2:exon1:c.C37T:p.Q13X	exonic :: Si9g49990 :: nonsynonymous SNV :: Si9g49990:Si9g49990.1:exon1:c.T1597G:p.L533V; Si9g49990:Si9g49990.2:exon1:c.T1597G:p.L533V	intronic :: Si9g49990	UTR3 :: Si9g49990 :: Si9g49990.1:c.*816C>A;Si9g49990.2:c.*906C>A	downstream :: Si9g49990				
SNP positions	54603748	54604449	54605172	54606732	54606844	54607875	54608081	Number of varieties	Varieties ID	Average	Stdev
Hap_1	T/T	G/G	C/C	T/T	C/C	C/C	A/A	283	B001 : 9.8918	8.98211	1.656
Hap_6	T/T	G/G	C/C	T/T	C/C	C/C	A/A	3	B138 : 7.9339	7.19591	0.975
Hap_7	T/T	G/G	C/C	T/T	C/C	C/C	A/A	3	B034 : 9.5864	9.09741	0.426
Hap_2	C/C	A/A	T/T	G/G	G/G	A/A	G/G	24	B013 : 14.180	18.0529	1.741
Hap_3	T/T	G/G	T/T	G/G	G/G	C/C	G/G	14	B505 : 16.997	18.4886	2.047
Hap_4	C/C	A/A	T/T	G/G	G/G	A/A	N/N	6	B119 : 19.823	17.9525	1.384
Hap_5	C/C	A/A	T/T	G/G	G/G	N/N	G/G	4	B007 : 17.963	18.5962	1.696
Hap_8	T/T	G/G	T/T	G/G	G/G	C/C	G/G	3	B139 : 20.145	19.3537	1.624