

**S3 Table.** Genomic locus

GenomicLocus	uniqID	rsID	Chr	Pos	p-value	Start	End	nSNPs	nGWASSNPs	nIndSigSNPs	IndSigSNPs	nLeadSNPs	LeadSNPs
1	5:82302385:C:T	rs2657035	5	82302385	3.488E-14	82299375	82588538	128	69	3	5:82302385:C:T; 5:82503161:T:C; 5:82433781:G:A	2	5:82302385:C:T; 5:82433781:G:A
2	5:140714642:A:G	rs72790003	5	140714642	3.133E-13	140657149	140720543	29	22	2	5:140704136:T:C; 5:140714642:A:G	2	5:140704136:T:C; 5:140714642:A:G
3	8:143686676:A:G	rs10087300	8	143686676	4.23E-14	143668646	143780261	108	97	6	8:143686676:G:A; 8:143741375:G:A; 8:143752994:T:C; 8:143760179:T:C; 8:143776719:A:C; 8:143676202:G:C	1	8:143686676:G:A
4	9:99444781:A:T	rs73544781	9	99444781	5.818E-23	99444781	99685492	5	5	3	9:99444781:A:T; 9:99685492:G:A; 9:99681056:C:G	2	9:99444781:A:T; 9:99681056:C:G
5	11:71548544:A:G	rs7120658	11	71548544	1.791E-56	71399927	71832239	395	270	9	11:71548544:A:G; 11:71462469:G:C; 11:71469338:C:A; 11:71494680:A:T; 11:71498465:T:C; 11:71507385:A:C; 11:71544105:G:C; 11:71548492:C:T; 11:71608582:G:C	2	11:71548544:A:G; 11:71608582:G:C
6	16:87788864:A:G	rs2303771	16	87788864	1.322E-83	87744756	88121472	337	128	14	16:87788864:G:A; 16:87789591:T:C; 16:87796043:C:A; 16:87801691:A:C; 16:87806981:C:T; 16:87815764:T:C; 16:87778574:T:C; 16:87780823:T:C; 16:87783383:C:T; 16:87783590:A:G; 16:87792272:T:C; 16:87794371:A:G; 16:87795580:G:C; 16:88096203:C:T	4	16:87788864:G:A; 16:87792272:T:C; 16:87794371:A:G; 16:88096203:C:T

nSNP, number of SNPs mapped to the gene based on each mapping method.