

Table S2. Phased heterozygous SNPs of ZYJ & LHY & embryos around the breakpoint of translocation (13q11) using GRCh37.

ID	Chromosome	Distance	LHY		ZYJ		LHY1		LHY2		LHY3		LHY11		LHY12	
			Hap1	Hap2	Hap1	Hap2	Hap1	Hap2	Hap1	Hap2	Hap1	Hap2	Hap1	Hap2	Hap1	Hap2
rs12429015	chr13	-1,629,450	G	G	A	G	A	G	G	G	G	G	G	G	A	G
rs9553164	chr13	-1,546,460	T	T	T	G	T	T	0	0	G	T	0	0	T	T
rs9511088	chr13	-1,488,900	C	C	C	T	C	C	T	C	T	C	T	C	C	C
rs7333431	chr13	-1,488,200	A	A	A	G	A	A	G	A	G	A	G	A	A	A
rs2031162	chr13	-1,474,880	T	T	T	C	T	T	C	T	C	T	C	T	T	T
rs7318203	chr13	-1,411,930	C	C	T	C	T	C	C	C	C	C	C	C	T	C
rs74860689	chr13	-1,305,790	G	G	A	G	0	0	G	G	G	G	G	G	0	0
rs78280928	chr13	-1,298,400	G	G	A	G	A	G	G	G	0	0	G	G	A	G
rs9507310	chr13	-1,292,750	A	A	G	A	G	A	A	A	A	A	A	A	G	A
rs1050112	chr13	-1,199,000	G	G	T	G	T	G	G	G	G	G	G	G	T	G
rs13428	chr13	-1,198,860	C	C	G	C	G	C	C	C	C	C	C	C	0	0
rs943055	chr13	-1,006,390	C	C	A	C	A	C	C	C	C	C	C	C	A	C
rs9511698	chr13	-423,470	G	G	A	G	A	G	G	G	G	G	G	G	A	G
rs9553561	chr13	-416,120	G	G	A	G	A	G	G	G	G	G	G	G	A	G
rs4769420	chr13	-220,230	C	C	T	C	T	C	C	C	C	C	C	C	T	C
rs17686146	chr13	106,860	T	T	T	C	T	T	C	T	C	T	C	T	T	T
rs2181426	chr13	159,050	A	A	A	G	A	A	G	A	G	A	G	A	A	A
rs3783124	chr13	249,940	T	T	T	C	T	T	C	T	C	T	C	T	T	T
rs306416	chr13	285,180	G	G	G	A	G	G	A	G	A	G	A	G	G	G
rs9551232	chr13	392,640	G	G	A	G	A	G	G	G	G	G	G	G	A	G
rs9553706	chr13	399,370	T	T	C	T	C	T	T	T	T	T	T	T	*	*
rs12430901	chr13	469,440	T	T	T	C	T	T	C	T	C	T	C	T	T	T
rs139760119	chr13	476,970	A	A	G	A	G	A	A	A	A	A	A	A	0	0
rs9507713	chr13	808,140	A	A	A	G	A	A	G	A	G	A	G	A	A	A
rs979244	chr13	881,740	C	C	C	T	C	C	T	C	T	C	T	C	C	C
rs9512257	chr13	906,030	A	A	A	C	A	A	C	A	C	A	C	A	A	A
rs138093490	chr13	909,320	A	A	G	A	G	A	A	A	A	A	A	A	G	A
rs60934898	chr13	975,890	G	G	G	A	G	G	A	G	A	G	A	G	G	G
rs74531891	chr13	1,097,580	C	C	T	C	T	C	C	C	C	C	C	C	T	C
rs11618271	chr13	1,228,660	C	C	T	C	0	0	C	C	C	C	C	C	0	0