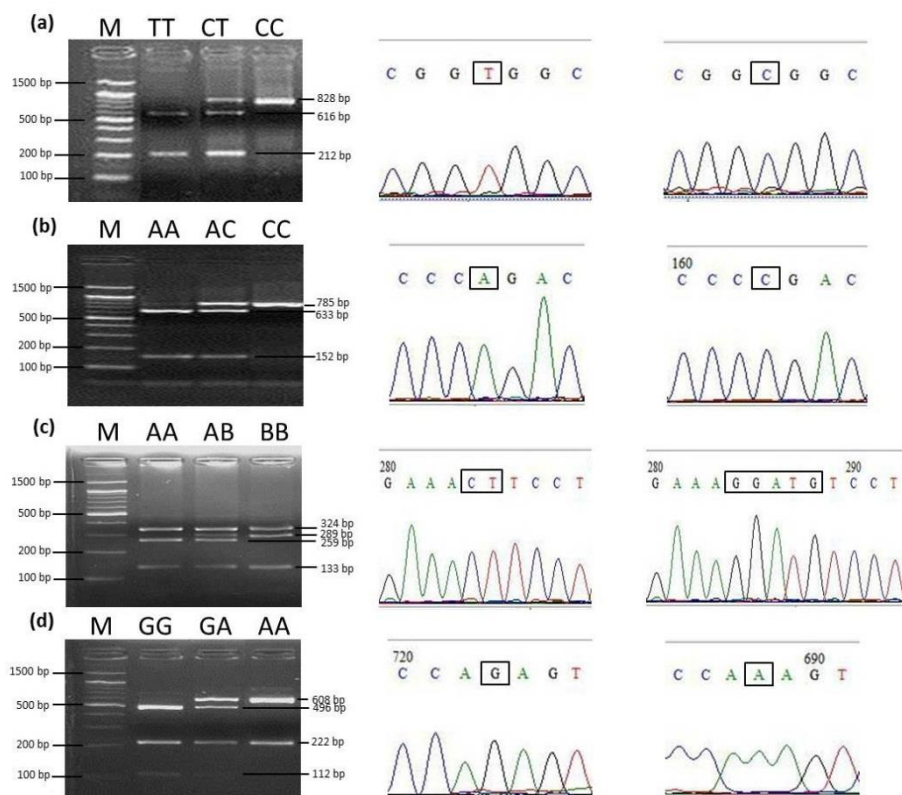


1 **Supplementary Table 1.** Primers, annealing temperature, product size and restriction enzyme details.

No.	Primer pair (5' to 3')	T <sub>m</sub> (°C)	Product size (bp)	Restriction enzyme; Variation
1.	F: GCCTCCGTCACCGATCAG R: CGGTCAGAACCTGCTGCAA	63	136 or 127	-; 9-bp indel
2.	F: CAGGAGGGAGCAGAGGGATAG R: TTGTGTTTACCCAGCAGCAG	65	828	<i>AgeI</i> ; g.128C>T
3.	F: ATGCTGACCCCAAGATTGTC R: TCCTTGTCATCGTGGGCTAAG	67	827	<i>FokI</i> ; 3-bp indel <i>AlwNI</i> ; g.868A>C <i>HinfI</i> ; g.1393G>A

2

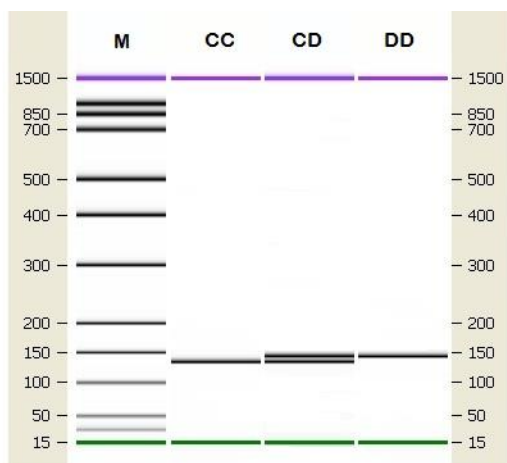
3



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5 **Supplementary Figure 1.** The PCR-RFLP results for the variations in THRSP gene and the sequencing  
 6 information. (a) The genotypes of g.128T>C SNP detected by *AgeI*, (b) The genotypes of g.868A>C  
 7 SNP detected by *AlwNI*, (c) The genotypes of 3 bp indel detected by *FokI*, and (d) The genotypes of  
 8 g.1393G>A SNP detected by *HinfI*.

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11 **Supplementary Figure 2.** The genotyping results of the 9 bp indel in exon region of the THRSP gene

12 using Agilent DNA 1000 Technology. M: molecular marker; CC genotype (135 bp); CD genotype (144

13 and 135 bp); and DD genotype (144 bp).

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