

Supplementary table: The primer sequences, the length of the PCR products and the restriction enzymes used to be analyze SNPs

SNPs	Primers	PCR products(bp)	Restriction enzyme	Fragments(bp)
rs61973742	F:5' GTAAAACGACGGCCAGTCCCATAAAAATGCACTTAAATA $\square$ TT 3' <sup>*</sup> R: 5' CAAAGATGTCAGTTACTCACAGG 3'	232	DraI	41+191
rs1338041	F: 5' GTAAAACGACGGCCAGTTTTGTAAACACCAGGCTATATG $\square$ T 3' <sup>*</sup> R: 5' TACAGATGAGGAAACTTAGGCA 3'	168	DraI	42+126

<sup>\*</sup>primers were mismatched to make a restriction enzyme site.