

Table S1 the primer sequence and concentration in PCR mixture

Primr Name	Primer Concentration	Primer Sequence
rs1978340F	1 μ M	TCCTGTCTACTCACCTTGACTGACCA
rs1978340R	1 μ M	ACCCTGTCTGCCGAGGATAACG
rs3749034F	1 μ M	CCGCCTCTCCGAATCTCTCTCT
rs3749034R	1 μ M	GGAGGAGAGGACCTGGCTGAAA

Table S2 the probe sequence and concentration in probe mixture

Probe Name	Target Allele	Probe Concentration	Probe Sequence (5' phosphorated)
rs1978340RA	A	1 μ M	TGTTTCGTGGGCCGGATTAGTGGGCTGCGGG GAGATCTTCAT
rs1978340RP		2 μ M	GCCTAAAACGTGGTCAGTCAAGGTTTTTTTTT TTTT
rs1978340RG	G	1 μ M	TCTCTCGGGTCAATTCGTCCTTGGGCTGCGG GGAGATCTTCAC
rs3749034RA	A	1 μ M	TGTTTCGTGGGCCGGATTAGTTCGGCTCGGCC CTGACACGT
rs3749034RP		2 μ M	GTAATCTGCCCCGGCGTCACCTTTTTTTTTTT
rs3749034RG	G	1 μ M	TCTCTCGGGTCAATTCGTCCTTTCGGCTCGG CCCTGACATGC