

Multiplex PCR primer pools, reaction, and cycling conditions. **Supplemental Table 1.**

SNP_ID	2nd-PCR	1st-PCR
rs3892097	ACGTTGGATGGTGGGTGATGGGCAGAAG	ACGTTGGATGCTGCAGAGACTccTCGGTCT
rs4961	ACGTTGGATGCACCTTAGCTTCGACTTGG	ACGTTGGATGACAAGATGGCTGAACTCTGG
rs1042713	ACGTTGGATGCGAACTTGGCAATGGCTGTG	ACGTTGGATGAGCGCCTTCTTGCTGGCAC
rs1801252	ACGTTGGATGCCTCGTTGCTGCCTCCCG	ACGTTGGATGATGAGCGCCATCAGCAGAC
rs1529927	ACGTTGGATGTTGGACTCCCACTCCATGC	ACGTTGGATGCCCATCGTGGACCCCATTA
rs1801253	ACGTTGGATGTCAACCCCATCATCTACTGC	ACGTTGGATGGGTCTCCGTGGGTGCGGTG
rs699	ACGTTGGATGGATTGACAGGTTTCATGCAGG	ACGTTGGATGTGGACGTAGGTGTTGAAAGC
rs2107614	ACGTTGGATGGCAACCATCACAGTACTAAG	ACGTTGGATGCACAACCTGGAAGAGTTGAGG
rs2228576	ACGTTGGATGTCCCTCTCCAGCCTTGACAG	ACGTTGGATGAACCTCTCCTTCCCTCTCAG
rs12750834	ACGTTGGATGACAGGCTACCTGGCTTTAAC	ACGTTGGATGGGAATCCAGGAGAATAGGTC
rs5186	ACGTTGGATGAGAAGCCTGCACCATGTTTTG	ACGTTGGATGCAGTCCACATAATGCATTTTC
rs1042714	ACGTTGGATGATGAGAGACATGACGATGCC	ACGTTGGATGAGCGCCTTCTTGCTGGCAC
rs1159744	ACGTTGGATGGTTTTTCAGTTCCTGAATTTG	ACGTTGGATGGAAACAGTGACAGCCAAATG

Reaction Conditions	Final Concentration
Water, HPLC	N/A
10x PCR Buffer with 20mM MgCl ₂	2mM MgCl ₂
25mM MgCl ₂	2mM
25mM dNTP Mix	500uM
0.5mM Primer Mix	0.1uM
5U/uL PCR Enzyme	1 unit

Cycling Conditions		
Temp (°C)	Time (min)	
95	2:00	
95	0:30	Repeat
56	0:30	45
72	1:00	Cycles
72	5:00	
4	forever	